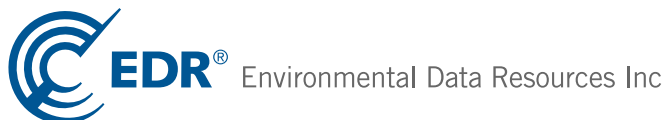


6353487-UESA

1515 W. 178th St
Gardena, CA 90248

Inquiry Number: 3341107.1s
January 28, 2013

The EDR Radius Map™ Report



440 Wheelers Farms Road
Milford, CT 06461
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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1515 W. 178TH ST
GARDENA, CA 90248

COORDINATES

Latitude (North): 33.8699000 - 33° 52' 11.64"
Longitude (West): 118.3037000 - 118° 18' 13.32"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 379416.2
UTM Y (Meters): 3748301.5
Elevation: 35 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33118-G3 TORRANCE, CA
Most Recent Revision: 1981

North Map: 33118-H3 INGLEWOOD, CA
Most Recent Revision: 1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
FORMER GLOBE ILLUMINATION COMPANY 1515 W 178 ST GARDENA, CA 90248	LA Co. Site Mitigation	N/A
1515 178TH STREET 1515 178TH STREET GARDENA, CA 90248	CHMIRS Date Completed: 17-JUN-91	N/A
GLOBE ILLUMINATION COMPANY(FORMER) 1515 W. 178TH ST. GARDENA, CA 90248	LOS ANGELES CO. HMS ENVIROSTOR Status: Refer: 1248 Local Agency	N/A

EXECUTIVE SUMMARY

GREENBOG INC 1515 W 178TH ST #B GARDENA, CA	LOS ANGELES CO. HMS	N/A
GLOBE ILLUMINATING CO 1515 W 178TH ST GARDENA, CA	LOS ANGELES CO. HMS	N/A
GLOBE ILLUMINATION CO 1515 W. 178TH ST. GARDENA, CA 90247	EMI	N/A
GLOBE ILLUMINATION COMPANY 1515 W 178TH ST GARDENA, CA 90248	CERC-NFRAP RCRA-SQG FINDS ENVIROSTOR Status: Refer: Other Agency	CAD008388506
POWER TRANS FREIGHT SYSTEMS 1515 W 178TH ST #A GARDENA, CA	LOS ANGELES CO. HMS	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA non-CORRACTS TSD facilities list

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

EXECUTIVE SUMMARY

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

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

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
AOCONCERN..... San Gabriel Valley Areas of Concern
CDL..... Clandestine Drug Labs

EXECUTIVE SUMMARY

US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System
LIENS..... Environmental Liens Listing
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
UIC..... UIC Listing
NPDES..... NPDES Permits Listing
WDS..... Waste Discharge System
Notify 65..... Proposition 65 Records
WIP..... Well Investigation Program Case List
LOS ANGELES CO. HMS..... HMS: Street Number List
ENF..... Enforcement Action Listing
HAZNET..... Facility and Manifest Data
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER..... PCB Transformer Registration Database
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
EPA WATCH LIST..... EPA WATCH LIST
2020 CORRECTIVE ACTION..... 2020 Corrective Action Program List
COAL ASH DOE..... Sleam-Electric Plan Operation Data
HWT..... Registered Hazardous Waste Transporter Database
PROC..... Certified Processors Database
FINANCIAL ASSURANCE..... Financial Assurance Information Listing
MWMP..... Medical Waste Management Program Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR Historical Auto Stations.. EDR Proprietary Historic Gas Stations
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

A review of the NPL list, as provided by EDR, and dated 05/08/2012 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DEL AMO</i>	<i>DEL AMO BLVD AND VERMONSSE 1/2 - 1 (0.839 mi.)</i>		<i>0</i>	<i>15</i>

Federal CERCLIS list

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

A review of the CERCLIS list, as provided by EDR, and dated 12/27/2011 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>GARDENA SUMPS</i>	<i>SW COR OF ARTESIA & NOR NE 1/8 - 1/4 (0.218 mi.)</i>		<i>I31</i>	<i>102</i>

EXECUTIVE SUMMARY

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 12/28/2011 has revealed that there are 4 CERC-NFRAP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BEE CHEM CO	1500 W 178TH ST	SE 0 - 1/8 (0.023 mi.)	B11	64
ALADDIN PLASTICS INC	1415 W 178TH ST	ESE 1/8 - 1/4 (0.184 mi.)	F22	91
MECHANICAL METAL FINISHING	17804 S WESTERN AVE	W 1/4 - 1/2 (0.269 mi.)	35	141
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HONEYWELL INC.	17300 WESTERN AVE.	NW 1/4 - 1/2 (0.344 mi.)	L42	174

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 08/19/2011 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EMERSON AND CUMING	604 WEST 182ND STREET	E 1/2 - 1 (0.988 mi.)	Q64	248

Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/15/2012 has revealed that there are 10 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COX DIE CASTING	1528 W 178TH ST	SSE 0 - 1/8 (0.007 mi.)	A9	59
MATSUQ INTL	1501 W 178TH ST	SE 0 - 1/8 (0.022 mi.)	B10	63
BEE CHEM CO	1500 W 178TH ST	SE 0 - 1/8 (0.023 mi.)	B11	64
ROTARY TECHNOLOGIES CORP	1468 WEST 178TH STREET	ESE 0 - 1/8 (0.086 mi.)	C12	75
S B MANAGEMENT CORPORATION	1415 W 178TH ST	ESE 1/8 - 1/4 (0.184 mi.)	F23	92

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCHIAOA BOATS INC	1702 W 180TH ST	SW 1/8 - 1/4 (0.195 mi.)	G26	95
R H FROOM	18115 LA SALLE AVENUE	SSW 1/8 - 1/4 (0.216 mi.)	H28	97
LUTHI MACHINERY	1726 W 180TH ST	SW 1/8 - 1/4 (0.217 mi.)	G29	99
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHIGES FOREIGN CAR SERVICE	1610 W ARTESIA	NNW 1/8 - 1/4 (0.161 mi.)	D16	81
CLASSIC AUTOMOTIVE	1610 W ARTESIA BLVD	NNW 1/8 - 1/4 (0.179 mi.)	E17	85

State- and tribal - equivalent NPL

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, and dated 05/07/2012 has revealed that there are 4 RESPONSE sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
THEIM INDUSTRIES	1918 ARTESIA	WNW 1/4 - 1/2 (0.472 mi.)	51	205
ALS INDUSTRIES INCORPORATED	1942 WEST ARTESIA BOULE	WNW 1/4 - 1/2 (0.490 mi.)	O53	213
FREEMAN PRODUCTS/AVNET INC (FO	2040 ARTESIA BLVD	WNW 1/2 - 1 (0.599 mi.)	55	220
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GARDENA SUMPS	SW CRNR OF NORMANDIE AVNE	1/8 - 1/4 (0.218 mi.)	I33	106

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/07/2012 has revealed that there are 18 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DEL AMO Status: Active	DEL AMO BLVD AND VERMONSSE	1/2 - 1 (0.839 mi.)	0	15
ALADDIN PLASTICS INC Status: Refer: Other Agency	1415 WEST 178TH STREET	ESE 1/8 - 1/4 (0.184 mi.)	F21	90
FRANCISCO'S CLEANERS Status: Refer: 1248 Local Agency	1830 W 182ND ST	SW 1/4 - 1/2 (0.421 mi.)	47	194

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ACE TRAILOER PARK Status: Certified	17024 S WESTERN AVE	NW 1/4 - 1/2 (0.441 mi.)	M48	198
THEIM INDUSTRIES Status: Active	1918 ARTESIA	WNW 1/4 - 1/2 (0.472 mi.)	51	205
ALS INDUSTRIES INCORPORATED Status: Active	1942 WEST ARTESIA BOULE	WNW 1/4 - 1/2 (0.490 mi.)	O53	213
FREEMAN PRODUCTS/AVNET INC (FO) Status: Active	2040 ARTESIA BLVD	WNW 1/2 - 1 (0.599 mi.)	55	220
IRI DOVER Status: Refer: Other Agency	1859 W. 169 STREET	NW 1/2 - 1 (0.639 mi.)	56	234
BUTLER MANUFACTURING Status: Refer: Other Agency	1600 WEST 166TH STREET	N 1/2 - 1 (0.661 mi.)	57	235
INDUSTRIAL MOLDING CORPORATION Status: Refer: Other Agency	16719 SOUTH GRAMERCY PL	NW 1/2 - 1 (0.740 mi.)	P59	240
LUSEAUX LABORATORIES Status: Refer: Other Agency	16816 GRAMERCY	NW 1/2 - 1 (0.766 mi.)	P60	241
TYLAN CORPORATION Status: Refer: Other Agency	19220 SOUTH NORMANDIE A	SSE 1/2 - 1 (0.937 mi.)	62	244
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GARDENA SUMPS Status: Active	SW CRNR OF NORMANDIE AVNE 1/8 - 1/4 (0.218 mi.)		I33	106
NORMANDIE ESTATE Status: No Further Action	16908 SOUTH NORMANDIE A	NNE 1/2 - 1 (0.516 mi.)	54	217
CONTROL PLATING CO. INC. Status: Refer: Other Agency Status: Refer: Other Agency	17014 GRAMERCY PL	NW 1/2 - 1 (0.672 mi.)	58	236
DEPARTMENT OF TRANSPORTATION Status: Refer: Local Agency	731 WEST 182ND STREET	E 1/2 - 1 (0.905 mi.)	61	243
EMERSON & CUMING INC Status: Refer: RCRA	604 WEST 182ND STREET	E 1/2 - 1 (0.988 mi.)	Q63	247
EMERSON AND CUMING Status: No Further Action	604 WEST 182ND STREET	E 1/2 - 1 (0.988 mi.)	Q64	248

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, and dated 05/09/2012 has revealed that there are 10 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BEE CHEM CO	1500 W 178TH ST	SE 0 - 1/8 (0.023 mi.)	B11	64
UNITED OIL #44/RAPID GAS #44 Status: Open - Remediation	18130 WESTERN AVE S	SW 1/4 - 1/2 (0.341 mi.)	K40	167

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL #18-EDP (FORMER #11-EDP) Status: Completed - Case Closed	18203 WESTERN AVE S	SW 1/4 - 1/2 (0.370 mi.)	K44	182
UNITED PARCEL SERVICE Status: Completed - Case Closed	17111 WESTERN AVE S	NW 1/4 - 1/2 (0.409 mi.)	M46	190
THEIM INDUSTRIES Status: Completed - Case Closed	1918 ARTESIA	WNW 1/4 - 1/2 (0.472 mi.)	51	205
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON #9-2445 Status: Completed - Case Closed	17400 WESTERN AVE S	WNW 1/4 - 1/2 (0.310 mi.)	J38	144
ARCO #1235 Status: Open - Remediation Status: Completed - Case Closed	1800 ARTESIA	WNW 1/4 - 1/2 (0.314 mi.)	J39	155
HONEYWELL INC. Status: Completed - Case Closed	17300 WESTERN AVE.	NW 1/4 - 1/2 (0.344 mi.)	L42	174
GOLDWATER INDUSTRIES, INC. Status: Completed - Case Closed	17221 WESTERN AVE S	NW 1/4 - 1/2 (0.369 mi.)	L43	181
SEARS ROEBUCK AND COMPANY Status: Completed - Case Closed	1917 ARTESIA BLVD W	WNW 1/4 - 1/2 (0.455 mi.)	O50	203

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

A review of the SLIC list, as provided by EDR, and dated 05/09/2012 has revealed that there are 2 SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BEE CHEM CO Facility Status: Open - Remediation Facility Status: Open - Assessment & Interim Remedial Action	1500 W 178TH ST	SE 0 - 1/8 (0.023 mi.)	B11	64
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HONEYWELL INC. Facility Status: Open - Remediation	17300 WESTERN AVE.	NW 1/4 - 1/2 (0.344 mi.)	L42	174

State and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 05/07/2012 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ACE TRAILOER PARK	17024 S WESTERN AVE	NW 1/4 - 1/2 (0.441 mi.)	M48	198

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there are 3 WMUDS/SWAT sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GARDENA SUMPS	SW COR OF ARTESIA & NOR	NE 1/8 - 1/4 (0.218 mi.)	I31	102
GARDENA-174TH & WESTERN	174TH & WESTERN	WNW 1/4 - 1/2 (0.299 mi.)	J36	142
LOS ANGELES COUNTY ROAD DEPART	ARTESIA & WESTERN	WNW 1/4 - 1/2 (0.308 mi.)	J37	143

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 03/12/2012 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
A AND S RECYCLING	18502 S NORMANDIE AVE	SSE 1/4 - 1/2 (0.453 mi.)	N49	202

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 2 HIST Cal-Sites sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DEL AMO	DEL AMO BLVD AND VERMONSSE	1/2 - 1 (0.839 mi.)	0	15
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GARDENA SUMPS	SW CRNR OF NORMANDIE AVNE	1/8 - 1/4 (0.218 mi.)	I33	106

Local Lists of Registered Storage Tanks

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BEE CHEM CO</i>	<i>1500 W 178TH ST</i>	<i>SE 0 - 1/8 (0.023 mi.)</i>	<i>B11</i>	<i>64</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SHIGES FOREIGN CAR SERVICE</i>	<i>1610 W ARTESIA</i>	<i>NNW 1/8 - 1/4 (0.161 mi.)</i>	<i>D16</i>	<i>81</i>

HIST UST: Historical UST Registered Database.

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BEE CHEM CO</i>	<i>1500 W 178TH ST</i>	<i>SE 0 - 1/8 (0.023 mi.)</i>	<i>B11</i>	<i>64</i>
<i>SMITH BROS CRANE RENTAL</i>	<i>18119 LA SALLE AVE</i>	<i>SSW 1/8 - 1/4 (0.218 mi.)</i>	<i>H30</i>	<i>100</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SHIGE'S FOREIGN CAR SERVICE</i>	<i>1610 W ARTESIA BLVD</i>	<i>NNW 1/8 - 1/4 (0.179 mi.)</i>	<i>E18</i>	<i>88</i>
<i>INTERSTATE TRANSMISSIONS.</i>	<i>1610 W ARTESIA BLVD</i>	<i>NNW 1/8 - 1/4 (0.179 mi.)</i>	<i>E19</i>	<i>89</i>
<i>CLASSIC AUTOMOTIVE-HONDA SPC.</i>	<i>1610 W ARTESIA BLVD</i>	<i>NNW 1/8 - 1/4 (0.179 mi.)</i>	<i>E20</i>	<i>89</i>

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 5 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BEE CHEM CO</i>	<i>1500 W 178TH ST</i>	<i>SE 0 - 1/8 (0.023 mi.)</i>	<i>B11</i>	<i>64</i>
<i>TIMCO</i>	<i>1439 W 178TH ST</i>	<i>ESE 1/8 - 1/4 (0.140 mi.)</i>	<i>C13</i>	<i>76</i>
<i>MOBIL INNOVATIONS</i>	<i>17815 S HOBART BLVD</i>	<i>WSW 1/8 - 1/4 (0.209 mi.)</i>	<i>27</i>	<i>97</i>
<i>SMITH BROS CRANE RENTAL</i>	<i>18119 LA SALLE AVE</i>	<i>SSW 1/8 - 1/4 (0.218 mi.)</i>	<i>H30</i>	<i>100</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SHIGES FOREIGN CAR SERVICE</i>	<i>1610 W ARTESIA</i>	<i>NNW 1/8 - 1/4 (0.161 mi.)</i>	<i>D16</i>	<i>81</i>

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/15/2012 has revealed that there

EXECUTIVE SUMMARY

are 3 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>AUTO BODY CONNECTION</i>	<i>1610 W ARTESIA</i>	<i>NW 1/8 - 1/4 (0.161 mi.)</i>	<i>D14</i>	<i>77</i>
<i>AUTOBODY CONNECTION</i>	<i>1610 W ARTESIA BLVD</i>	<i>NNW 1/8 - 1/4 (0.161 mi.)</i>	<i>D15</i>	<i>78</i>
<i>SPACE AGE METAL PROD INC</i>	<i>1490 W ARTESIA BL</i>	<i>NE 1/8 - 1/4 (0.195 mi.)</i>	<i>25</i>	<i>94</i>

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

A review of the ROD list, as provided by EDR, and dated 09/28/2011 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DEL AMO</i>	<i>DEL AMO BLVD AND VERMONSSE 1/2 - 1 (0.839 mi.)</i>		<i>0</i>	<i>15</i>

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>GARDENA SUMPS</i>	<i>SOUTHWEST CORNER OF NORE</i>	<i>1/8 - 1/4 (0.218 mi.)</i>	<i>I32</i>	<i>105</i>

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 01/03/2012 has revealed that there are 3 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>THEIM INDUSTRIES</i>	<i>1918 ARTESIA</i>	<i>WNW 1/4 - 1/2 (0.472 mi.)</i>	<i>51</i>	<i>205</i>
<i>ALS INDUSTRIES INCORPORATED</i>	<i>1942 WEST ARTESIA BOULE</i>	<i>WNW 1/4 - 1/2 (0.490 mi.)</i>	<i>O53</i>	<i>213</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>GARDENA SUMPS</i>	<i>SW CRNR OF NORMANDIE AVNE</i>	<i>1/8 - 1/4 (0.218 mi.)</i>	<i>I33</i>	<i>106</i>

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 12 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BEE CHEM CO</i>	<i>1500 W 178TH ST</i>	<i>SE 0 - 1/8 (0.023 mi.)</i>	<i>B11</i>	<i>64</i>
<i>ALADDIN PLASTICS INC</i>	<i>1415 178TH</i>	<i>ESE 1/8 - 1/4 (0.189 mi.)</i>	<i>F24</i>	<i>94</i>
<i>RAPID GAS #44</i>	<i>18130 WESTERN</i>	<i>SW 1/4 - 1/2 (0.341 mi.)</i>	<i>K41</i>	<i>173</i>
<i>MOBIL #18-EDP (FORMER #11</i>	<i>18203 WESTERN</i>	<i>SW 1/4 - 1/2 (0.373 mi.)</i>	<i>K45</i>	<i>189</i>

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNITED PARCEL SERVICE	17111 WESTERN AVE S	NW 1/4 - 1/2 (0.409 mi.)	M46	190
THEIM INDUSTRIES	1918 ARTESIA	WNW 1/4 - 1/2 (0.472 mi.)	51	205
EXXON #7-3944	18526 NORMANDIE	SSE 1/4 - 1/2 (0.474 mi.)	N52	213

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GARDENA SUMPS	SW CRNR OF NORMANDIE AVNE	1/8 - 1/4 (0.218 mi.)	I33	106
CHEVRON #9-2445	17400 WESTERN AVE S	WNW 1/4 - 1/2 (0.310 mi.)	J38	144
ARCO #1235	1800 ARTESIA	WNW 1/4 - 1/2 (0.314 mi.)	J39	155
HONEYWELL INC.	17300 WESTERN AVE.	NW 1/4 - 1/2 (0.344 mi.)	L42	174
SEARS ROEBUCK AND COMPANY	1917 ARTESIA BLVD W	WNW 1/4 - 1/2 (0.455 mi.)	O50	203

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 01/19/2012 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CLASSIC CLEANERS	1715 W ARTESIA BLVD	NW 1/8 - 1/4 (0.243 mi.)	34	139

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 08/09/2010 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

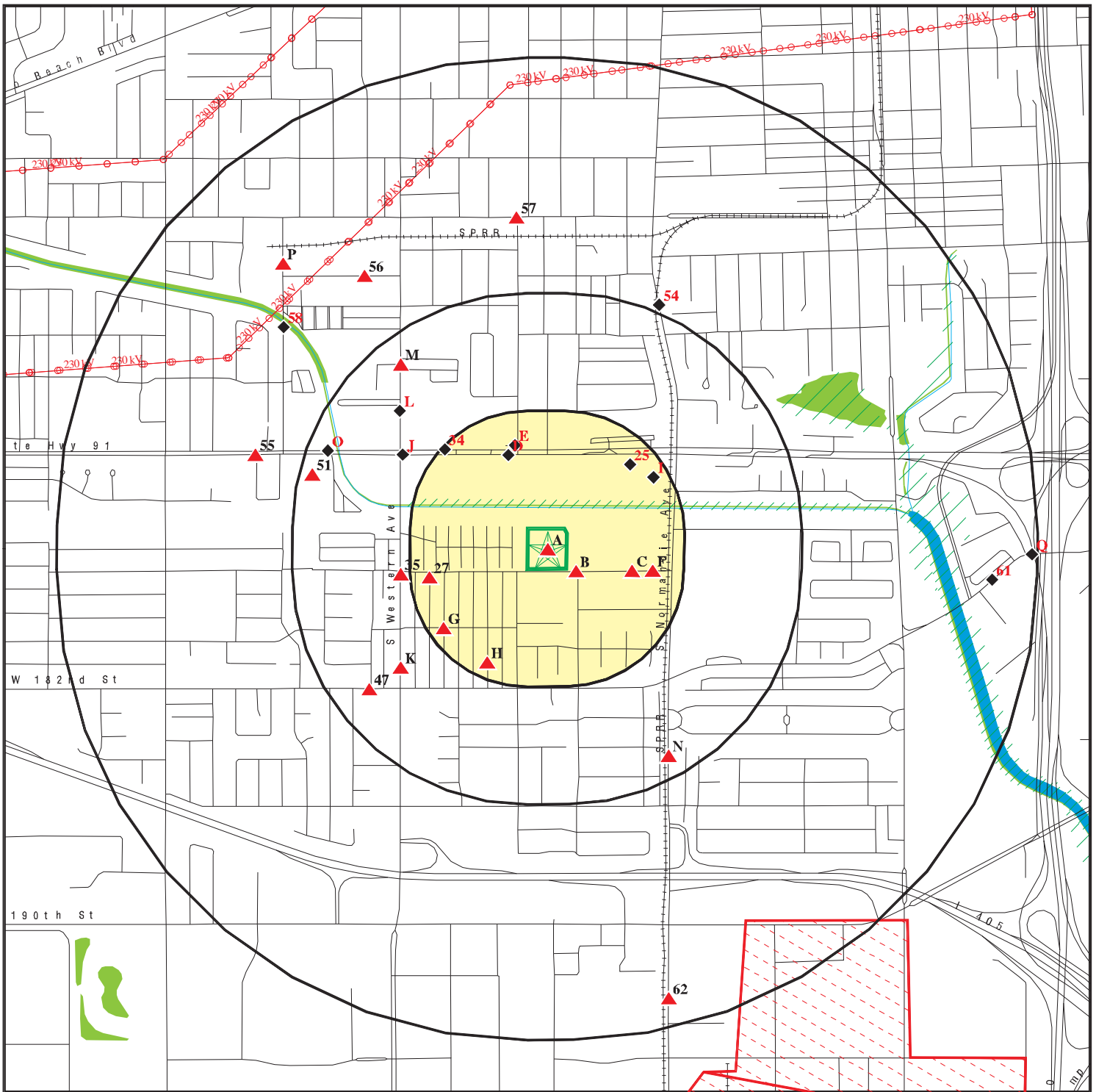
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EMERSON AND CUMING	604 WEST 182ND STREET	E 1/2 - 1 (0.988 mi.)	Q64	248

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 9 records.

<u>Site Name</u>	<u>Database(s)</u>
PONDEROSA MARKET	SWEEPS UST
ARCO SERVICE STATION #1235	SWEEPS UST
ROSE WILLIAMS LANDFILL	SWF/LF
VERMONT AVENUE & KNOX STREET DUMP	SWF/LF
ROYAL BOULEVARD LAND RECLAMATION S	SWF/LF
CUNNINGHAM RODS	LUST
EXXON #7-3944	LUST
SAMS CLUB NO 6617	RCRA-SQG
GARDENA SUMPS	US BROWNFIELDS

OVERVIEW MAP - 3341107.1s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

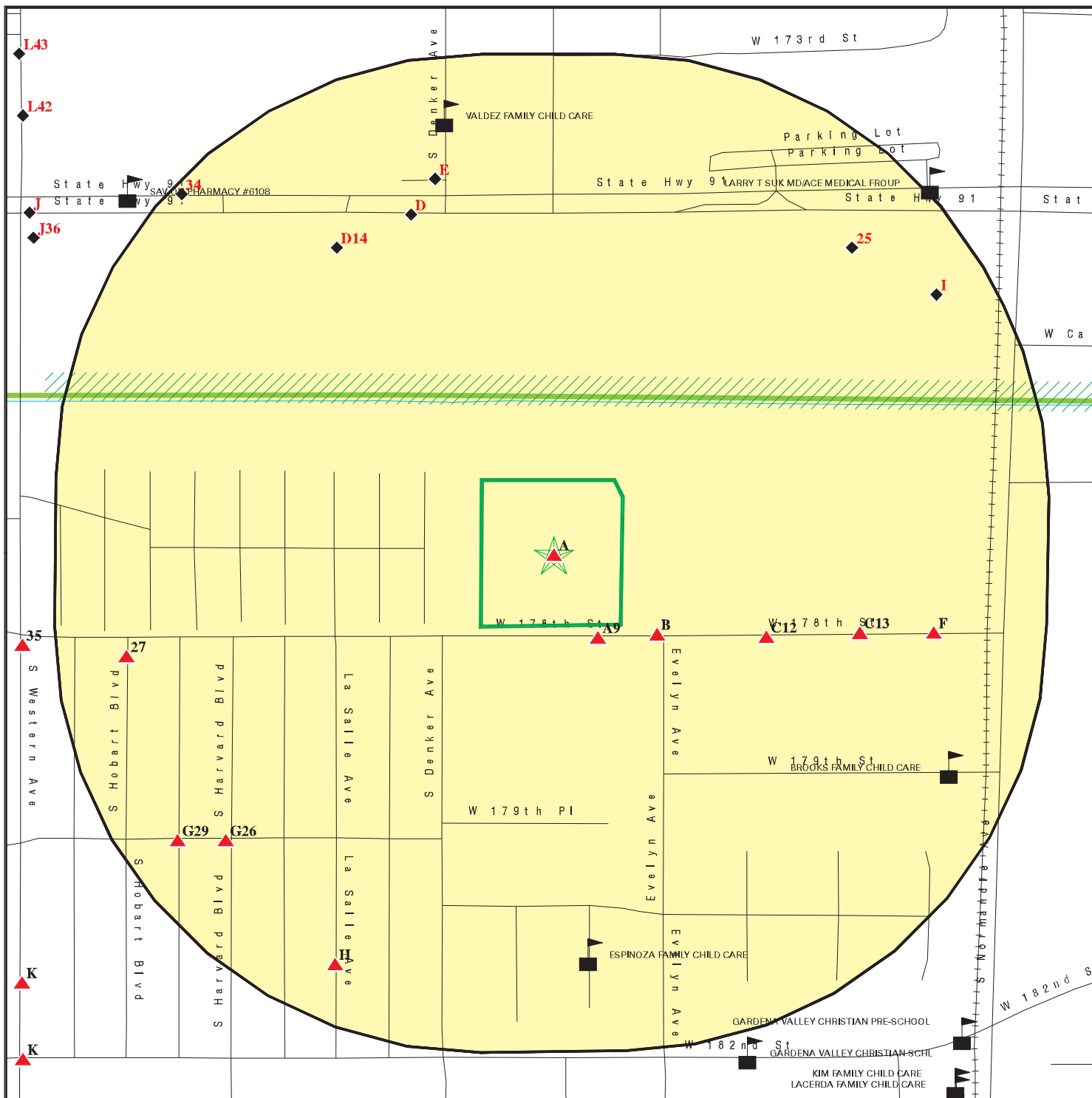









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.







SITE NAME: 6352370-ESAI
 ADDRESS: 1515 W. 178th St
 Gardena CA 90248
 LAT/LONG: 33.8699 / 118.3037

CLIENT: ODIC Environmental
 CONTACT: Frank Trinidad
 INQUIRY #: 3341107.1s
 DATE: June 08, 2012 5:28 pm

DETAIL MAP - 3341107.1s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  Areas of Concern

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

SITE NAME: 6352370-ESAI ADDRESS: 1515 W. 178th St Gardena CA 90248 LAT/LONG: 33.8699 / 118.3037	CLIENT: ODIC Environmental CONTACT: Frank Trinidad INQUIRY #: 3341107.1s DATE: June 08, 2012 5:32 pm
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	1	0	NR	NR	1
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500	1	1	1	2	NR	NR	5
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	1	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250	1	4	6	NR	NR	NR	11
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	1	2	1	NR	4
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000	2	0	2	4	12	NR	20
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		1	0	9	NR	NR	10
SLIC	0.500		1	0	1	NR	NR	2

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		0	3	NR	NR	NR	3
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	1	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	1	0	0	NR	1
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	1	2	NR	NR	3
HIST CORTESE	0.500		1	2	9	NR	NR	12
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP	1	NR	NR	NR	NR	NR	1
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
LOS ANGELES CO. HMS	TP	4	NR	NR	NR	NR	NR	4
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP	1	NR	NR	NR	NR	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 CORRECTIVE ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	1	NR	1
HWT	0.250		0	0	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000		0	0	0	0	NR	0
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
EDR Historical Auto Stations	0.250		0	0	NR	NR	NR	0
EDR Historical Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1 **FORMER GLOBE ILLUMINATION COMPANY**
Target **1515 W 178 ST**
Property **GARDENA, CA 90248**

LA Co. Site Mitigation **S106843002**
N/A

Site 1 of 9 in cluster A

Actual:
35 ft.

LA Co. Site Mitigation:
Facility ID: Not reported
Site ID: SD0000143
Case ID: RO0000148
Abated: Yes
Assigned To: Richard Clark
Entered Date: 02/01/2005
Abated Date: 05/17/2007

A2 **1515 178TH STREET**
Target **GARDENA, CA 90248**
Property

CHMIRS **S100277756**
N/A

Site 2 of 9 in cluster A

Actual:
35 ft.

CHMIRS:
OES Incident Number: 9117516
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Incident Date: 17-JUN-91
Date Completed: 17-JUN-91
Property Use: 800
Agency Id Number: 19070
Agency Incident Number: 1993
Time Notified: 737
Time Completed: 812
Surrounding Area: 800
Estimated Temperature: 60
Property Management: P
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: 0
Responding Agency Personel # Of Injuries: 0
Responding Agency Personel # Of Fatalities: 0
Others Number Of Decontaminated: 0
Others Number Of Injuries: 0
Others Number Of Fatalities: 0
Vehicle Make/year: CARGO TRAILER /VEHICLE
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: CAPT ROBERT SUTTON
Reporting Officer Name/ID: CAPT. ROBERT SUTTON
Report Date: 17-JUN-91
Comments: N
Facility Telephone: 13 17-9643
Waterway Involved: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S100277756

Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	09-JUL-92
Substance:	Not reported
Quantity Released:	Not reported
BBLs:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	Not reported

**A3
 Target
 Property**

**GLOBE ILLUMINATION COMPANY(FORMER)
 1515 W. 178TH ST.
 GARDENA, CA 90248**

**LOS ANGELES CO. HMS
 ENVIROSTOR**

**U003061190
 N/A**

Site 3 of 9 in cluster A

**Actual:
 35 ft.**

LOS ANGELES CO. HMS:
 Region: LA
 Facility Id: 005085-105277
 Facility Type: Not reported
 Facility Status: OPEN
 Area: 2B
 Permit Number: Not reported
 Permit Status: Not reported

ENVIROSTOR:

Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLOBE ILLUMINATION COMPANY(FORMER) (Continued)

U003061190

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Facility ID: 19250031
Site Code: Not reported
Assembly: 66
Senate: 35
Special Program: Not reported
Status: Refer: 1248 Local Agency
Status Date: 02/03/2005
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not Applicable
Latitude: 33.86989
Longitude: -118.3037
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 19250031
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

**A4
Target
Property**

**GREENBOG INC
1515 W 178TH ST #B
GARDENA, CA**

**LOS ANGELES CO. HMS S108997883
N/A**

Site 4 of 9 in cluster A

**Actual:
35 ft.**

LOS ANGELES CO. HMS:
Region: LA
Facility Id: 024245-033595
Facility Type: Not reported
Facility Status: OPEN
Area: 2B
Permit Number: Not reported
Permit Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLOBE ILLUMINATION COMPANY (Continued)

1000162158

Contact Sequence ID: 13291068.00000
Person ID: 13003858.00000

Contact Sequence ID: 13296926.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 09/01/1985
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 12/01/1985
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 07/01/1985
Date Completed: 12/01/1985
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: GLOBE ILLUMINATION COMPANY
Facility address: 1515 W 178TH ST
GARDENA, CA 90248
EPA ID: CAD008388506
Mailing address: W FIRST HUNDRED SEVENTY E
GARDENA, CA 90248
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLOBE ILLUMINATION COMPANY (Continued)

1000162158

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002633972

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Facility ID: 19360136
Site Code: Not reported
Assembly: 66
Senate: 35
Special Program: * Site Char & Assess Grant (CERCLA 104)
Status: Refer: Other Agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLOBE ILLUMINATION COMPANY (Continued)

1000162158

Status Date: 06/01/1985
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 33.86989
Longitude: -118.3037
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: 10098, 10120, 10179, 10193, 10194, 20026
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008388506
Alias Type: EPA Identification Number
Alias Name: 19360136
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/21/1982
Comments: FACILITY IDENTIFIED L.A. CHAM OF COMM BUS DIR 1966 MFG LIGHTING FIXTURES

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/28/1994
Comments: DATABASE VERIFICATION PROJECT CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/01/1985
Comments: UNITED PUMP & SERVICE HAULS TANK EVERY 3 TO 6MONTHS & REPLACE. ASP SURVEY 2/83 - 1)SOURCE ACT: MFG OF LIGHTING FIXTURE. 2)YR OF OPER: 1961 TO PRESENT. INCIDENT: SMALL PLANT FIRE MANY YRS AGO. SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A8
Target
Property

POWER TRANS FREIGHT SYSTEMS
1515 W 178TH ST #A
GARDENA, CA

LOS ANGELES CO. HMS

S108998502
N/A

Site 8 of 9 in cluster A

Actual:
35 ft.

LOS ANGELES CO. HMS:
Region: LA
Facility Id: 024244-033594
Facility Type: Not reported
Facility Status: OPEN
Area: 2B
Permit Number: Not reported
Permit Status: Not reported

NPL
Region
SSE
1/2-1
4429 ft.

DEL AMO
DEL AMO BLVD AND VERMONT AVE
LOS ANGELES, CA 90006

NPL
CERCLIS
US ENG CONTROLS
US INST CONTROL
ROD
HIST Cal-Sites
Cortese
HIST CORTESE
DEED
ENVIROSTOR

1000483853
CAD029544731

NPL:
EPA ID: CAD029544731
EPA Region: 09
Federal: N
Final Date: 1997-09-25 00:00:00

Site Details:
Site Name: DEL AMO
Site Status: Final
Site Zip: 90006
Site City: LOS ANGELES
Site State: CA
Federal Site: No
Site County: LOS ANGELES
EPA Region: 09
Date Proposed: 12/01/00
Date Deleted: Not reported
Date Finalized: 09/05/02

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

NPL Status: Currently on the Final NPL
Substance ID: C049
Substance: ETHYLBENZENE
CAS #: 100-41-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

NPL Status: Currently on the Final NPL
Substance ID: U019
Substance: BENZENE
CAS #: 71-43-2
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U019
Substance: BENZENE
CAS #: 71-43-2
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U135
Substance: HYDROGEN SULFIDE
CAS #: 7783-06-4
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U165
Substance: NAPHTHALENE
CAS #: 91-20-3
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U165
Substance: NAPHTHALENE
CAS #: 91-20-3
Pathway: GROUND WATER PATHWAY
Scoring: 4

Summary Details:

Conditions at Proposal December 1, 2000): The Del Amo site should be placed on the National Priorities List (NPL) because contaminated ground water beneath the site could effect water that people drink. The Del Amo site is located within the Los Angeles city limits, Los Angeles County, California, in proximity to the Cities of Torrance and Carson. From the early 1940s to the early 1970s, a 280-acre synthetic rubber manufacturing facility operated on the property. The facility consisted of the following three plants: a butadiene plant, a styrene plant, and a copolymer plant. The facility was dismantled in the early to mid 1970s, and the property is currently occupied by a business park. The Montrose Chemical Corporation NPL site is located approximately 600 feet west of the Del Amo site. The 1998 Final Groundwater Remedial Investigation Report identified the following 12 areas of concern for ground water contamination on the Del Amo site: 1) cyclohexane tanks associated with the former copolymer plant in the northern portion of the site, 2) pits and trenches in the former copolymer plant area, 3) XMW-20 non-aqueous phase liquid (NAPL) in the former styrene plant area in the western portion of the site, 4) volatile organic compound (VOC) tanks associated with the former styrene finishing/benzene purification unit, 5) VOC tanks and/or pipelines associated with the former styrene finishing unit, 6) tank farm in the former styrene plant area, 7) VOC storage tanks associated with the former ethylbenzene production unit number 1, 8) VOC storage tanks associated with the former

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

ethylben ene production unit number 2, 9) utility tanks in the former styrene plant area, 10) waste pit area and underground petroleum pipelines in the southern portion of the site, 11) underground ben ene pipeline in the southeast portion of the site, and 12) laboratory underground pipelines in the former butadiene plant area in the eastern portion of the site. The Del Amo HRS Documentation Record focuses on two of these 12 areas of concern (the XMW-20 NAPL and the waste pit area). The XMW-20 NAPL is composed primarily of ben ene (90 percent) with lesser quantities of toluene, ethylben ene, and styrene. It is located approximately 50 feet from the historic location of a 500,000-gallon crude ben ene storage tank and extends laterally over an area of approximately 17,500 feet. The NAPL is limited to the saturated zone, occurring as isolated blobs in a smear zone that extends vertically from the water table, at approximately 60 feet below ground surface, to 30 feet below the water table. The waste pit area occupies approximately 3.7 acres in the southern portion of the site and consists of six disposal pits (Pits 2A through 2F) and two evaporation ponds (Ponds 1B and 1C). The pits and ponds received process wastes from the styrene manufacturing plant. The pits and ponds are currently covered with fill material, weeds, and miscellaneous debris, and the 3.7-acre parcel is surrounded by a double row of fences. Hazardous substances in the waste remaining in the pits and ponds include ben ene, ethylben ene, and naphthalene. The pits and ponds are evaluated as two separate sources in the Del Amo HRS Documentation Record. Ground water proximal to the XMW-20 NAPL is contaminated with ben ene at concentrations up to 1,200,000 ug/L. Soils located beneath the waste pit area have come to be located below the top of the water table, due to rising ground water levels. These soils are contaminated with the same hazardous substances that are found in the waste remaining in the pits (e.g., ben ene, ethylben ene, and naphthalene). There are 17 municipal drinking water wells within 4 miles of the Del Amo site. Status September 2002): EPA is considering various alternatives for this site. The description of the site release) is based on information available at the time the site was evaluated with the HRS. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices. For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at <http://www.atsdr.cdc.gov/toxfaq.html> or by telephone at 1- 888-42-ATSDR or 1-888-422-8737.

Site Status Details:

NPL Status:	Final
Proposed Date:	12/01/2000
Final Date:	09/05/2002
Deleted Date:	Not reported

Narratives Details:

NPL Name:	DEL AMO
City:	LOS ANGELES
State:	CA
EPA ID:	CAD029544731
EPA Region:	09
Federal:	N
Final Date:	2002-09-05 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Site Details:

Site Name: DEL AMO
Site Status: Final
Site Zip: 90006
Site City: LOS ANGELES
Site State: CA
Federal Site: No
Site County: LOS ANGELES
EPA Region: 09
Date Proposed: 12/01/00
Date Deleted: Not reported
Date Finalized: 09/05/02

Substance Details:

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

NPL Status: Currently on the Final NPL
Substance ID: C049
Substance: ETHYLBENZENE
CAS #: 100-41-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U019
Substance: BENZENE
CAS #: 71-43-2
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U019
Substance: BENZENE
CAS #: 71-43-2
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U135
Substance: HYDROGEN SULFIDE
CAS #: 7783-06-4
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U165
Substance: NAPHTHALENE
CAS #: 91-20-3
Pathway: GROUND WATER PATHWAY
Scoring: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

NPL Status: Currently on the Final NPL
Substance ID: U165
Substance: NAPHTHALENE
CAS #: 91-20-3
Pathway: GROUND WATER PATHWAY
Scoring: 4

Summary Details:

Conditions at Proposal December 1, 2000): The Del Amo site should be placed on the National Priorities List (NPL) because contaminated ground water beneath the site could effect water that people drink. The Del Amo site is located within the Los Angeles city limits, Los Angeles County, California, in proximity to the Cities of Torrance and Carson. From the early 1940s to the early 1970s, a 280-acre synthetic rubber manufacturing facility operated on the property. The facility consisted of the following three plants: a butadiene plant, a styrene plant, and a copolymer plant. The facility was dismantled in the early to mid 1970s, and the property is currently occupied by a business park. The Montrose Chemical Corporation NPL site is located approximately 600 feet west of the Del Amo site. The 1998 Final Groundwater Remedial Investigation Report identified the following 12 areas of concern for ground water contamination on the Del Amo site: 1) cyclohexane tanks associated with the former copolymer plant in the northern portion of the site, 2) pits and trenches in the former copolymer plant area, 3) XMW-20 non-aqueous phase liquid (NAPL) in the former styrene plant area in the western portion of the site, 4) volatile organic compound (VOC) tanks associated with the former styrene finishing/benzene purification unit, 5) VOC tanks and/or pipelines associated with the former styrene finishing unit, 6) tank farm in the former styrene plant area, 7) VOC storage tanks associated with the former ethylbenzene production unit number 1, 8) VOC storage tanks associated with the former ethylbenzene production unit number 2, 9) utility tanks in the former styrene plant area, 10) waste pit area and underground petroleum pipelines in the southern portion of the site, 11) underground benzene pipeline in the southeast portion of the site, and 12) laboratory underground pipelines in the former butadiene plant area in the eastern portion of the site. The Del Amo HRS Documentation Record focuses on two of these 12 areas of concern (the XMW-20 NAPL and the waste pit area). The XMW-20 NAPL is composed primarily of benzene (90 percent) with lesser quantities of toluene, ethylbenzene, and styrene. It is located approximately 50 feet from the historic location of a 500,000-gallon crude benzene storage tank and extends laterally over an area of approximately 17,500 feet. The NAPL is limited to the saturated zone, occurring as isolated blobs in a smear that extends vertically from the water table, at approximately 60 feet below ground surface, to 30 feet below the water table. The waste pit area occupies approximately 3.7 acres in the southern portion of the site and consists of six disposal pits (Pits 2A through 2F) and two evaporation ponds (Ponds 1B and 1C). The pits and ponds received process wastes from the styrene manufacturing plant. The pits and ponds are currently covered with fill material, weeds, and miscellaneous debris, and the 3.7-acre parcel is surrounded by a double row of fences. Hazardous substances in the waste remaining in the pits and ponds include benzene, ethylbenzene, and naphthalene. The pits and ponds are evaluated as two separate sources in the Del Amo HRS Documentation Record. Ground water proximal to the XMW-20 NAPL is contaminated with benzene at concentrations up to 1,200,000 ug/L. Soils located beneath the waste pit area have come to be located below the top of the water table, due to rising ground water levels. These soils are contaminated with the same hazardous substances that are found in the waste remaining in the pits e.g., benzene, ethylbenzene, and naphthalene). There are 17 municipal drinking water wells within 4 miles of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

the Del Amo site. Status September 2002): EPA is considering various alternatives for this site. The description of the site release) is based on information available at the time the site was evaluated with the HRS. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices. For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at <http://www.atsdr.cdc.gov/toxfaq.html> or by telephone at 1- 888-42-ATSDR or 1-888-422-8737.

Site Status Details:

NPL Status: Final
Proposed Date: 12/01/2000
Final Date: 09/05/2002
Deleted Date: Not reported

Narratives Details:

NPL Name: DEL AMO
City: LOS ANGELES
State: CA

CERCLIS:

Site ID: 0901293
EPA ID: CAD029544731
Facility County: LOS ANGELES
Short Name: DEL AMO
Congressional District: 37
IFMS ID: 0936
SMSA Number: 4480
USGC Hydro Unit: 18070104
Federal Facility: Not a Federal Facility
DMNSN Number: 285.02000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Torrance, CA
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Not reported
Site Settings Code: CL
NPL Status: Currently on the Final NPL
DMNSN Unit Code: ACRE
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Not reported
Non NPL Status Date: Not reported
Site Fips Code: 06037
CC Concurrence Date: Not reported
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

CERCLIS Site Contact Name(s):

Contact ID: 9271184.00000
Contact Name: Karen Jurist
Contact Tel: (415) 972-3219
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 9271118.00000
Contact Name: Carolyn dAlmeida
Contact Tel: (415) 972-3150
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

Contact ID: 13003791.00000
Contact Name: Dante Rodriguez
Contact Tel: (415) 972-3166
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

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

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

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

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: SHELL OIL CO TORRANCE
Alias Address: 19821 S HAMILTON
TORRANCE, CA 90220

Alias ID: 201
Alias Name: TORRANCE CHEM PLT
Alias Address: N OF DEL AMO BET NORM & HAMILT
LOS ANGELES, CA 90026

Alias ID: 301
Alias Name: RECONSTRUCTION FINANCE CORP DOW
Alias Address: VERMONT & DEL AMO
TORRANCE, CA 90503

Alias ID: 401
Alias Name: CADILLAC FAIRVIEW INC
Alias Address: Not reported
CA

Alias ID: 501
Alias Name: WESTERN WASTE INDUSTRIES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Alias Address: Not reported
CA
Alias ID: 601
Alias Name: WESTERN REFUSE HAULING
Alias Address: Not reported
CA
Alias ID: 701
Alias Name: DEL AMO BLVD
Alias Address: Not reported
CA
Alias ID: 801
Alias Name: DEL ALMO
Alias Address: Not reported
CA
Alias ID: 802
Alias Name: DEL AMO FACILITY
Alias Address: Not reported
Not reported
Alias ID: 803
Alias Name: DEL AMO
Alias Address: DEL AMO BLVD & VERMONT AVE
LOS ANGELES, CA 90502
Alias ID: 804
Alias Name: DEL AMO
Alias Address: W DEL AMO BLVD & S VERMONT AVE
LOS ANGELES, CA 90502
Alias ID: 805
Alias Name: DEL AMO
Alias Address: DEL AMO BLVD AND VERMONT AVE
LOS ANGELES, CA 90502
Alias ID: 401
Alias ID: 501
Alias ID: 801
Alias ID: 701
Alias ID: 601
Alias Comments: PREVIOUS EPA ID# AZD 981 416 977PREVIOUS EPA ID# AZD 981 416 977PREVIOUS EPA ID# AZD 981 416 977PREVIOUS EPA ID# AZD 981 416 977

Site Description: The Del Amo site is located in Los Angeles County, California, with portions of the site within the City of Los Angeles, and adjacent to the City of Torrance, California. The Del Amo site and the Montrose Chemical Corporation site are separate, but adjacent, Superfund sites that have commingled groundwater contamination. The United States War Assets Administration owned a synthetic rubber manufacturing facility in Harbor Gateway, between the cities of Torrance and Carson, beginning in 1942. The War Assets Administration entered into operating agreements with Shell Oil Company (Shell), Dow Chemical Company, and several other companies, to operate the plant and to produce synthetic rubber for the United States during World War II. In 1955, Shell purchased the facility and began operating it directly. Shell operated the facility until 1972, at which time operations ceased, the plant was dismantled, and the plant buildings were razed. The plant property has been entirely redeveloped with light industrial and commercial enterprises, with the exception of the area at the south-central border of the former plant property, which is owned by Shell and is the location of the "Del Amo Waste Pits." The site did not take on the name "Del Amo" until later. The former Del Amosynthetic rubber plant property covered 270 acres, roughly 21 times the size of the neighboring Montrose plant property. In May 1992, EPA, Shell, and

DEL AMO (Continued)

1000483853

Dow Chemical Corporation (Dow) entered into an AOC which required Shell and Dow, acting as "the Del Amo Respondents," to perform a remedial investigation and feasibility study for the Del Amo site, including the entire 270-acre former plant site. Among the requirements of this AOC was that the Del Amo Respondents perform a 2-phase remedial investigation, a feasibility study, and several focused investigations, including the non-aqueous phase liquid (NAPL) near well MW-20, as well as focused investigation/feasibility study for the Del Amo Waste Pits. By late 1995 sufficient data had been obtained from the Del Amo groundwater investigation to determine that (1) the groundwater contamination from the Del Amo and Montrose Chemical Superfund sites was commingled, and (2) the evaluation of remedial alternatives related to groundwater contamination at one site was inseparable from the same evaluation at the other site. Groundwater contamination at both sites had to be considered together in order to properly evaluate and select groundwater alternatives for the two sites. In later 1995 and early 1996, EPA informed and opened a dialogue with Montrose Chemical and the Del Amo Respondents that EPA intended to unite the remedial selection processes with respect to groundwater, thereby leading to a single feasibility study and a dual-site groundwater Record of Decision (ROD). EPA initiated a process to generate a single feasibility study, called a Joint Groundwater Feasibility Study (JGWFS) to provide analysis for this ROD. While the separate AOC documents did not directly discuss a JGWFS, the parties agreed to proceed with the joint work as envisioned by EPA on a voluntary basis. A ROD addressing the groundwater operable unit at the Montrose Chemical and Del Amo Superfund sites was completed in March 1999. At the southern edge of the facility, a set of six waste disposal pits and four evaporation ponds were created across a five acre area. The 9/97 Record of Decision (ROD) pertains only to the waste pits and ponds area, as does this Explanation of Significant Differences (ESD). The waste pits and evaporation pond area (collectively known as the "waste pits area") is currently covered with a Resource Conservation and Recovery Act (RCRA)-equivalent cap and the Soil Vapor Extraction (SVE) extraction wells are installed, per the 9/97 ROD. Remedial Investigations revealed that one of the evaporation ponds does not have any residual contamination. However, the six pits and three remaining ponds all contain significant quantities of contaminated material. In addition, the soil and groundwater beneath the waste pits material remains heavily contaminated. The majority of the contamination found in and beneath the waste pits and ponds consists of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). The most significant VOC present is benzene, and the most significant SVOC present is naphthalene. Hydrogen sulfide is also present. Contamination from the waste pits and ponds has and continues to migrate downward and has contaminated the underlying groundwater. Contamination from the pits and ponds has and continues to diffuse upward towards the ground surface, but in very small amounts that are now captured in the gas collection layer of the cap. The 9/97 ROD selected SVE as a component of the remedy, but did not specify the type of vapor treatment technology that would be used to treat the extracted vapors. For purposes of selecting the Applicable or Relevant and Appropriate Requirements ("ARARs"), the 9/97 ROD identified ARARs for a thermal or catalytic oxidizer vapor treatment technology. During the remedial design process, EPA worked cooperatively with the Responsible Parties, other agencies, and interested members of the public to examine a broad range of vapor treatment technologies in addition to thermal oxidation. Upon completing this examination, EPA decided to evaluate an adsorption technology with on-site regeneration as the vapor treatment technology. The goal of this technology is to remove contaminants from the extracted vapor stream. Extracted vapors would be run through and adhere to the surface of an adsorbent. Contaminants would then be recovered from the adsorbent and transported offsite for reuse. Prior

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DEL AMO (Continued)

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to full scale implementation, a pilot test will be performed. EPA will pursue reuse of the recovered chemicals from the adsorption process as recycled products in industrial processes. An ESD addressing operable unit 2 (OU2) was completed in August 2002. In 2002, EPA issued ESD #1, identifying additional applicable or relevant and appropriate requirements (ARARs) for the adsorption, on-site regeneration and off-site reuse of benzene. However, pilot studies indicated that re-use of the benzene was not feasible. Therefore, the Respondents proposed a system that would utilize enhanced in-situ biodegradation of contamination, in addition to extraction and carbon adsorption. In September 2005, EPA approved the final SVE system Remedial Design for this approach. ESD #2 addressing the SVE component of the selected remedy was completed in August 2006.

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: Not reported
Date Completed: 11/01/1979
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 04/01/1980
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 01/01/1984
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: SITE INSPECTION
Date Started: 06/01/1981

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DEL AMO (Continued)

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Date Completed: 01/01/1984
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: EXPANDED SITE INSPECTION
Date Started: Not reported
Date Completed: 08/07/1989
Priority Level: Recommended for HRS Scoring
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 07/29/1991
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 08/23/1991
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: Special Notice Issued
Date Started: Not reported
Date Completed: 12/04/1991
Priority Level: Not reported
Operable Unit: SITEWIDE

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Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 01/21/1992
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: 09/30/1991
Date Completed: 04/03/1992
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 05/07/1992
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 12/04/1991
Date Completed: 05/07/1992
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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DEL AMO (Continued)

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

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: Not reported
Date Completed: 09/01/1992
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 06/17/1996
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 003
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 10/28/1995
Date Completed: 08/14/1997
Priority Level: Not reported
Operable Unit: GROUNDWATER
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Original Action Take Over

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

Action Code: 001
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/05/1997
Priority Level: Not reported
Operable Unit: PITS
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

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Site

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DEL AMO (Continued)

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Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 05/07/1992
Date Completed: 09/05/1997
Priority Level: Not reported
Operable Unit: PITS
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 09/25/1997
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 05/05/1998
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: ADMINISTRATIVE RECORDS
Date Started: 06/02/1998
Date Completed: 06/02/1998
Priority Level: Admin Record Compiled for an Order
Operable Unit: GROUNDWATER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: Special Notice Issued
Date Started: Not reported
Date Completed: 01/25/1999

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DEL AMO (Continued)

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Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: WITHDRAWN FROM THE NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 02/19/1999
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 08/14/1997
Date Completed: 03/30/1999
Priority Level: Not reported
Operable Unit: GROUNDWATER
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: New Action Resulting from Take Over

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

Action Code: 003
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 03/30/1999
Priority Level: Not reported
Operable Unit: GROUNDWATER
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 05/26/1998
Date Completed: 05/03/1999
Priority Level: Not reported
Operable Unit: PITS
Primary Responsibility: Responsible Party

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DEL AMO (Continued)

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Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Phased Completion

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

Action Code: 002
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 01/25/1999
Date Completed: 05/03/1999
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 003
Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 05/03/1999
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 05/18/1999
Date Completed: 05/16/2000
Priority Level: Not reported
Operable Unit: PITS
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: Phased Completion

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

Action Code: 001
Action: OPERATIONS AND MAINTENANCE
Date Started: 05/16/2000
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: PITS
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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Action Code: 003
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 12/01/2000
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: Explanation Of Significant Differences
Date Started: Not reported
Date Completed: 08/13/2002
Priority Level: Not reported
Operable Unit: PITS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 09/05/2002
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: TECHNICAL ASSISTANCE GRANT
Date Started: 09/28/2001
Date Completed: 03/31/2003
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 004
Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 09/03/2003

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DEL AMO (Continued)

1000483853

Priority Level: Not reported
Operable Unit: GROUNDWATER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: REMEDIAL DESIGN
Date Started: 08/01/1999
Date Completed: 09/18/2003
Priority Level: Not reported
Operable Unit: GROUNDWATER
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Original Action Take Over

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

Action Code: 001
Action: Notice of Intent by All Parties
Date Started: Not reported
Date Completed: 09/18/2003
Priority Level: Not reported
Operable Unit: GROUNDWATER
Primary Responsibility: Not reported
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 004
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 09/18/2003
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: GROUNDWATER
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: New Action Resulting from Take Over

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

Action Code: 001
Action: FIVE-YEAR REVIEW
Date Started: Not reported
Date Completed: 09/22/2005
Priority Level: Not reported
Operable Unit: PITS
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported

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Action Anomaly: Not reported

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

Action Code: 004
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/28/2005
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: PITS
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Phased Start

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

Action Code: 003
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 05/26/1998
Date Completed: 09/28/2005
Priority Level: Not reported
Operable Unit: PITS
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Phased Start

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

Action Code: 002
Action: Explanation Of Significant Differences
Date Started: Not reported
Date Completed: 08/24/2006
Priority Level: Not reported
Operable Unit: PITS
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 005
Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 02/20/2008
Priority Level: Multi-Site-Subsequent Site
Operable Unit: GROUNDWATER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: Notice of Intent by All Parties

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DEL AMO (Continued)

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Date Started: Not reported
Date Completed: 05/21/2008
Priority Level: Not reported
Operable Unit: GROUNDWATER
Primary Responsibility: Not reported
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: FIVE-YEAR REVIEW
Date Started: Not reported
Date Completed: 09/24/2010
Priority Level: Not reported
Operable Unit: PITS
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 05/07/1992
Date Completed: 09/30/2011
Priority Level: Not reported
Operable Unit: SOIL AND NAPL
Primary Responsibility: Mixed Funding Federal/RP
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 004
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/30/2011
Priority Level: Final Remedy Selected at Site
Operable Unit: SOIL AND NAPL
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Federal Register Details:
Fed Register Date: 09/25/1997
Fed Register Volume: 62
Page Number: 50442

Fed Register Date: 09/05/2002
Fed Register Volume: 67

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Fed Register Date: 07/29/1991
Fed Register Volume: 56
Page Number: 35840

Fed Register Date: 06/17/1996
Fed Register Volume: 61
Page Number: 30575

Fed Register Date: 12/01/2000
Fed Register Volume: 65
Page Number: 75215

Fed Register Date: 02/19/1999
Fed Register Volume: Not reported
Page Number: Not reported

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2238 additional US CERCLIS Financial: record(s) in the EDR Site Report.

US ENG CONTROLS:

EPA ID: CAD029544731
Site ID: 0901293
Name: DEL AMO
Address: DEL AMO BLVD AND VERMONT AVE
LOS ANGELES, CA 90006

EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 20020813
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (in-situ)

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 20060824
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (in-situ)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19970905
Operable Unit: 02
Contaminated Media : Air
Engineering Control: Air Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19970905

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Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19970905
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Cap

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19970905
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Impermeable Barrier

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19970905
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19970905
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Operations & Maintenance (O&M)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19970905
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (in-situ)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19970905
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Surface Drainage Control

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19970905
Operable Unit: 02
Contaminated Media : Surface Water
Engineering Control: Surface Water Control

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 19990330
Operable Unit: 03

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Contaminated Media : Groundwater
Engineering Control: Air Stripping

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 19990330
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Carbon Adsorption

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 19990330
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Containment, (N.O.S.)

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 19990330
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Discharge

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 19990330
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Extraction

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 19990330
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 19990330
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Natural Attenuation

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 19990330
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Precipitation

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 19990330
Operable Unit: 03
Contaminated Media : Groundwater

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Engineering Control: Reinjection

US INST CONTROL:

EPA ID: CAD029544731
Site ID: 0901293
Name: DEL AMO
Action Name: RECORD OF DECISION
Address: DEL AMO BLVD AND VERMONT AVE
LOS ANGELES, CA 90006
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Inst. Control: Access Restriction, Fencing
Actual Date: Not reported
Comple. Date: 09/05/1997
Operable Unit: 02
Contaminated Media : Soil

EPA ID: CAD029544731
Site ID: 0901293
Name: DEL AMO
Action Name: RECORD OF DECISION
Address: DEL AMO BLVD AND VERMONT AVE
LOS ANGELES, CA 90006
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported
Comple. Date: 09/05/1997
Operable Unit: 02
Contaminated Media : Soil

EPA ID: CAD029544731
Site ID: 0901293
Name: DEL AMO
Action Name: RECORD OF DECISION
Address: DEL AMO BLVD AND VERMONT AVE
LOS ANGELES, CA 90006
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported
Comple. Date: 03/30/1999
Operable Unit: 03
Contaminated Media : Groundwater

EPA ID: CAD029544731
Site ID: 0901293
Name: DEL AMO
Action Name: RECORD OF DECISION
Address: DEL AMO BLVD AND VERMONT AVE
LOS ANGELES, CA 90006
EPA Region: 09
County: LOS ANGELES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Event Code: Not reported
Inst. Control: Drilling Restriction
Actual Date: Not reported
Comple. Date: 03/30/1999
Operable Unit: 03
Contaminated Media : Groundwater

EPA ID: CAD029544731
Site ID: 0901293
Name: DEL AMO
Action Name: RECORD OF DECISION
Address: DEL AMO BLVD AND VERMONT AVE
LOS ANGELES, CA 90006

EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Inst. Control: Notices to State Regulators Before Changes in Land Ownership
Actual Date: Not reported
Comple. Date: 03/30/1999
Operable Unit: 03
Contaminated Media : Groundwater

EPA ID: CAD029544731
Site ID: 0901293
Name: DEL AMO
Action Name: RECORD OF DECISION
Address: DEL AMO BLVD AND VERMONT AVE
LOS ANGELES, CA 90006

EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Inst. Control: Water Supply Use Restriction
Actual Date: Not reported
Comple. Date: 03/30/1999
Operable Unit: 03
Contaminated Media : Groundwater

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

Calsite:

Facility ID: 19300230
Region: 4
Region Name: CYPRESS
Branch: SB
Branch Name: SO CAL - CYPRESS
File Name: Not reported
State Senate District: 04221996
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: NPRP
Type Name: NPL SITE, RP-FUNDED
NPL: Listed
SIC Code: 30

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

SIC Name: MANU - RUBBER & MISC PLASTICS PRODUCTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: SSAYED
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA
Region Water Control Board Name: LOS ANGELES
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 55
State Senate District Code: 28
Facility ID: 19300230
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: CNSNT
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 03311988
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: PPP
Activity Name: PUBLIC PARTICIPATION PLAN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 03311988
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: SS
Activity Name: SITE SCREENING
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06301989
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: FRIFS
Activity Name: FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code: SOIL
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 12311991
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: ORDER

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Database(s)

EDR ID Number
 EPA ID Number

DEL AMO (Continued)

1000483853

<p>Activity Name: AWP Code: Proposed Budget: AWP Completion Date: Revised Due Date: Comments Date: Est Person-Yrs to complete: Estimated Size: Request to Delete Activity: Activity Status: Definition of Status: Liquids Removed (Gals): Liquids Treated (Gals): Action Included Capping: Well Decommissioned: Action Included Fencing: Removal Action Certification: Activity Comments: For Commercial Reuse: For Industrial Reuse: For Residential Reuse: Unknown Type: Facility ID: Activity: Activity Name: AWP Code: Proposed Budget: AWP Completion Date: Revised Due Date: Comments Date: Est Person-Yrs to complete: Estimated Size: Request to Delete Activity: Activity Status: Definition of Status: Liquids Removed (Gals): Liquids Treated (Gals): Action Included Capping: Well Decommissioned: Action Included Fencing: Removal Action Certification: Activity Comments: For Commercial Reuse: For Industrial Reuse: For Residential Reuse: Unknown Type: Facility ID: Activity: Activity Name: AWP Code: Proposed Budget: AWP Completion Date: Revised Due Date: Comments Date: Est Person-Yrs to complete:</p>	<p>I/SE, IORSE, FFA, FFSRA, VCA, EA I&SE 0 Not reported Not reported 05071992 0 Not reported Not reported AWP ANNUAL WORKPLAN - ACTIVE SITE 0 0 Not reported Not reported Not reported Not reported Not reported 0 0 0 0 19300230 RA REMOVAL ACTION GW 0 Not reported Not reported 01151993 0 Not reported Not reported AWP ANNUAL WORKPLAN - ACTIVE SITE 0 0 Not reported Not reported Not reported N REMOVAL OF BENZENE PRODUCT FROM A GROUNDWATER WELL BEGAN IN FALL 1992.PUMP TESTING, OPERATION AND MAINTENANCE OF THIS WELL WILL CONTINUEUNTIL DATA INDICATES THAT THE OPERATION CAN CEASE. 0 0 0 0 19300230 RIFS REMEDIAL INVESTIGATION / FEASIBILITY STUDY PITS 0 Not reported Not reported 12111996 0</p>
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Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: GW
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 05201998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: STUDY
Proposed Budget: 0
AWP Completion Date: 06302005
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: DES
Activity Name: DESIGN
AWP Code: STUDY
Proposed Budget: 0
AWP Completion Date: 06302006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: GW1
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 03301999
Est Person-Yrs to complete: 0.20000
Estimated Size: L
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: DES
Activity Name: DESIGN

Map ID
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Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

AWP Code: PITS
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 05031999
Est Person-Yrs to complete: 0
Estimated Size: L
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: STUDY
Proposed Budget: 0
AWP Completion Date: 09302005
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: PITS
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09151997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19300230
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	PITS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05051998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19300230
Activity:	DES
Activity Name:	DESIGN
AWP Code:	GW1
Proposed Budget:	0
AWP Completion Date:	06302005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: GW1
Proposed Budget: 0
AWP Completion Date: 06302006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: STUDY
Proposed Budget: 0
AWP Completion Date: 12302007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: PITS
Proposed Budget: 0
AWP Completion Date: 06302005

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19300230
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	PITOU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05031999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19300230
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	PITOU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09272000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: OM
Activity Name: OPERATION & MAINTENANCE
AWP Code: PITS
Proposed Budget: 0
AWP Completion Date: 06302036
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: OM
Activity Name: OPERATION & MAINTENANCE
AWP Code: STUDY
Proposed Budget: 0
AWP Completion Date: 06302036
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0

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Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Facility ID: 19300230
Activity: OM
Activity Name: OPERATION & MAINTENANCE
AWP Code: GW1
Proposed Budget: 0
AWP Completion Date: 12312036
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 06302008
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19300230
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: PARK
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 12172003
Est Person-Yrs to complete: 0

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Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: DEL AMO BLVD BTN VERMONT & NORMANDIE
Alternate City,St,Zip: LOS ANGELES, CA 90502
Alternate Address: DEL AMO BLVD & VERMONT AVE
Alternate City,St,Zip: LOS ANGELES, CA 90020
Background Info: The site consists of waste disposal ponds that were used by a former synthetic rubber manufacturing complex. The site operated from the 1940's to 1972, when the disposal areas were covered over with soil and later sold to a series of land development corporations. Currently, the site is fenced and posted.
Not reported
The unlined pits were used for chemical waste disposal. Soils and groundwater are contaminated with high concentrations of volatile aromatic hydrocarbons (VAHs) such as benzene, toluene, and ethylbenzene; and polynuclear aromatic hydrocarbons (PNAs). The highest concentrations of these contaminants are found in the soils from the waste pit area. The contaminants in the shallow aquifer, which is not a drinking water source, may possibly migrate to and contaminate the deeper drinking water aquifer.
Not reported
A Consent Order was issued in March 1988, and three potentially responsible parties have completed the remedial investigation and are currently conducting the feasibility study. The Consent Order only addresses the onsite soil contamination and not the groundwater contamination. U.S. EPA has completed a groundwater investigation for the site which concluded that there is hydraulic continuity between the uppermost contaminated aquifer and the local drinking water aquifer within two miles of the site.
Not reported
The site has been split into two operable units. One addresses the pits only, the other addresses the larger study area comprising of soils and groundwater contamination.
Not reported
U.S. EPA approved the dual site groundwater ROD on 3/30/1999 for both the Montrose and Del Amo sites. This ROD addresses the dissolved Monochlorobenzene plume emanating from the Montrose site to approximately Torrance Blvd. to the south. It also addresses the dissolved benzene groundwater plume emanating from the Del Amo site to just south of the Del Amo Pits. The plumes from both sites overlap each other to the east of Montrose and to the west of Del Amo, approximately around Normandie Avenue. These dissolved plumes are referred

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

to as "GW1" in this report. The Montrose remedy consists of a pump and treat system with reinjection of treated water into the groundwater aquifer. The Del Amo remedy consists of intrinsic bioremediation with pumping for containment from the lower unit and subsequent discharge. The LNAPL at the Del Amo site will be dealt with along with the soils remedy, and is noted in this report as the Study Area. The DNAPL at the Montrose site will be evaluated separately and is noted as "GW2" in this report.

Comments Date: 01162003
Comments: Based on U.S. EPA decision to conduct a pilot test on an
Comments Date: 01162003
Comments: alternative SVE treatment technology, RP submitted workplan.
Comments Date: 02112000
Comments: The Pits Cap and SVE System has been implemented. The treatment
Comments Date: 02112000
Comments: technology for the SVE system has not yet been decided upon.
Comments Date: 03011997
Comments: The Remedial Investigation/Feasibility Study Report, "for the
Comments Date: 03011997
Comments: Pits only," was approved on 12/11/1996. A proposed plan was
Comments Date: 03011997
Comments: presented to the community on 12/14/96, and the comment
Comments Date: 03011997
Comments: period ended on 02/13/97. U.S. EPA is preparing the ROD and
Comments Date: 03011997
Comments: expecting to be completed by 06/30/1997.
Comments Date: 04091999
Comments: A joint groundwater ROD was signed on 03/30/1999. It addresses
Comments Date: 04091999
Comments: the dissolved phase contamination (benzene and chlorobenzene)
Comments Date: 04091999
Comments: for the Del Amo and Montrose sites.
Comments Date: 05051998
Comments: Unilateral Administrative Order for Remedial Design for the
Comments Date: 05051998
Comments: Del Amo Superfund site. The Pits are an operable unit of the
Comments Date: 05051998
Comments: larger 280 acre site.
Comments Date: 05071992
Comments: U.S. EPA Consent Order signed. Collected \$440,000 as cost
Comments Date: 05071992
Comments: recovery for past costs and all future oversight costs, to be
Comments Date: 05071992
Comments: billed to RP.
Comments Date: 05071999
Comments: U.S. EPA has approved the Del Amo Pits Cap Final Design.
Comments Date: 05081999
Comments: U.S. EPA issued a Unilateral Administrative Order for Remedial
Comments Date: 05081999
Comments: Action, U.S. EPA Docket #99-08, to Shell Oil Co., Dow Chemical
Comments Date: 05081999
Comments: Co., Michelin North America and the U.S. General Services
Comments Date: 05081999
Comments: Administration to implement the Pits remedy.
Comments Date: 05201998
Comments: Completion of Remedial Investigation for the Groundwater Operable

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Comments Date: 05201998
Comments: Unit, dated 5/5/98; and the Joint Groundwater Feasibility Study,
Comments Date: 05201998
Comments: dated 5/18/98, for the Del Amo Study Area, Groundwater Operable
Comments Date: 05201998
Comments: Unit, U.S. EPA Superfund site.
Comments Date: 06301989
Comments: Site Screening Done: U.S. EPA Lead. U.S. EPA will list site.
Comments Date: 06301989
Comments: Former synthetic rubber manufacturing plant. Contaminants
Comments Date: 06301989
Comments: include PAH's such as benzene, toluene, ethylbenzene, and PNAs.
Comments Date: 07122002
Comments: U.S. EPA filed an Explanation of Significant Difference (ESD)
Comments Date: 07122002
Comments: for the Del Amo Pits treatment technology for the SVE System.
Comments Date: 07231991
Comments: Site proposed for NPL.
Comments Date: 07241991
Comments: The site size now encompasses 280 acres rather than the
Comments Date: 07241991
Comments: former 3.7 acres.
Comments Date: 09051997
Comments: The final remedy of the Del Amo Pits Operable Unit consists of a
Comments Date: 09051997
Comments: RCRA-equivalent cap, surface water controls, soil vapor
Comments Date: 09051997
Comments: extraction beneath the pits, fencing, deed restrictions pro-
Comments Date: 09051997
Comments: hibiting future residential use, and long-term operation and
Comments Date: 09051997
Comments: maintenance.
Comments Date: 09271991
Comments: Dropped RAO commitment because U.S. EPA is taking over
Comments Date: 09271991
Comments: enforcement.
Comments Date: 09272000
Comments: Land Use Covenant signed and recorded on 9/27/00 for the Pits
Comments Date: 09272000
Comments: operable unit.
Comments Date: 12012001
Comments: The Health Risk Assessment has been received for review.
Comments Date: 12111996
Comments: The RI/FS for the Del Amo Pits Area (OU1) was approved.
Comments Date: 12111996
Comments: (U.S. EPA lead).
Comments Date: 12172003
Comments: Completed PEA-equivalent document for proposed park area
Comments Date: 12172003
Comments: adjacent to the Del Amo Study Area.
ID Name: CALSTARS CODE
ID Value: 400048
ID Name: BEP DATABASE PCODE
ID Value: P41013
Alternate Name: DEL AMO BOULEVARDDEL AMO FACILITYCADILLAC-FAIRVIEW
Special Programs Code: Not reported
Special Programs Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

CORTESE:

Region: CORTESE
Envirostor Id: 19300230
Site/Facility Type: FEDERAL SUPERFUND - LISTED
Cleanup Status: ACTIVE - LAND USE RESTRICTIONS
Status Date: 04/22/1996
Site Code: 400048, 400851
Latitude: 33.849699
Longitude: -118.292
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: export
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

CORTESE:

Region: CORTESE
Facility County Code: 19
Reg By: CALSI
Reg Id: 19300230

DEED:

Area: DEL AMO PITS
Sub Area: Not reported
Site Type: FEDERAL SUPERFUND
Status: ACTIVE
Deed Date(s): 08/23/2005

Area: DEL AMO PITS
Sub Area: Not reported
Site Type: FEDERAL SUPERFUND
Status: ACTIVE
Deed Date(s): 09/27/2000

ENVIROSTOR:

Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: 280
NPL: YES
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Safouh Sayed
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Facility ID: 19300230
Site Code: 400851
Assembly: 64
Senate: 35
Special Program: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Status: Active
Status Date: 04/22/1996
Restricted Use: YES
Site Mgmt. Req.: REM, DAY, ELD, HOS, LUC, FEN, MON, NUSE, RES
Funding: Responsible Party
Latitude: 33.8497
Longitude: -118.292
APN: NONE SPECIFIED
Past Use: MANUFACTURING - OTHER
Potential COC: 10009, 10195, 10198
Confirmed COC: NONE SPECIFIED
Potential Description: AQUI, WELL
Alias Name: CADILLAC-FAIRVIEW
Alias Type: Alternate Name
Alias Name: DEL AMO BOULEVARD
Alias Type: Alternate Name
Alias Name: 110033617548
Alias Type: EPA (FRS #)
Alias Name: P41013
Alias Type: PCode
Alias Name: 400048
Alias Type: Project Code (Site Code)
Alias Name: 400851
Alias Type: Project Code (Site Code)
Alias Name: 19300230
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Del Amo Pits
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/27/2000
Comments: Land Use Covenant signed and recorded on 9/27/00 for the Pits operable unit.

Completed Area Name: Del Amo Pits
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 05/03/1999
Comments: Not reported

Completed Area Name: Del Amo Pits
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 05/05/1998
Comments: Unilateral Administrative Order for Remedial Design for the Del Amo Superfund site. The Pits are an operable unit of the larger 280 acre site.

Completed Area Name: Del Amo Study Area
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 05/07/1992
Comments: U.S. EPA Consent Order signed. Collected \$440,000 as cost recovery for past costs and all future oversight costs, to be billed to RP.

Completed Area Name: Del Amo Study Area
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Completed Document Type: Consent Order

Completed Date: 03/31/1988

Comments: Not reported

Completed Area Name: Del Amo Study Area

Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 10/26/2009

Comments: Not reported

Completed Area Name: Del Amo Pits

Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/01/2011

Comments: Complete

Completed Area Name: Del Amo Pits

Completed Sub Area Name: Not reported

Completed Document Type: Land Use Restriction - Site Inspection/Visit

Completed Date: 09/14/2011

Comments: Complete

Completed Area Name: Del Amo Pits

Completed Sub Area Name: Not reported

Completed Document Type: Land Use Restriction

Completed Date: 08/23/2005

Comments: Not reported

Completed Area Name: Del Amo Study Area

Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/01/2011

Comments: Complete

Completed Area Name: Del Amo Study Area

Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 12/17/2003

Comments: Completed PEA-equivalent document for proposed park area adjacent to the Del Amo Study Area.

Completed Area Name: Del Amo Pits

Completed Sub Area Name: Not reported

Completed Document Type: Operations and Maintenance Report

Completed Date: 06/15/2009

Comments: U.S. EPA filed an Explanation of Significant Difference (ESD) for the Del Amo Pits treatment technology for the SVE System.

Completed Area Name: Del Amo Pits

Completed Sub Area Name: Not reported

Completed Document Type: Remedial Action Plan

Completed Date: 09/15/1997

Comments: Based on U.S. EPA decision to conduct a pilot test on an alternative SVE treatment technology, RP submitted workplan.

Completed Area Name: Del Amo Study Area

Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Completed Document Type: Record of Decision
Completed Date: 10/10/2011
Comments: Not reported

Completed Area Name: Del Amo Pits
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 05/03/1999
Comments: Dropped RAO commitment because U.S. EPA is taking over enforcement.

Completed Area Name: Del Amo Groundwater
Completed Sub Area Name: Dual Phase Montrose/Del Amo
Completed Document Type: Remedial Action Plan
Completed Date: 03/30/1999
Comments: Not reported

Completed Area Name: Del Amo Study Area
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 02/28/2010
Comments: Completed

Completed Area Name: Del Amo Groundwater
Completed Sub Area Name: Dual Phase Montrose/Del Amo
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 05/20/1998
Comments: Completion of Remedial Investigation for the Groundwater Operable Unit, dated 5/5/98; and the Joint Groundwater Feasibility Study, dated 5/18/98, for the Del Amo Study Area, Groundwater Operable Unit, U.S. EPA Superfund site.

Completed Area Name: Del Amo Pits
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 12/11/1996
Comments: The RI/FS for the Del Amo Pits Area (OU1) was approved. (U.S. EPA lead).

Completed Area Name: Del Amo Groundwater
Completed Sub Area Name: Dual Phase Montrose/Del Amo
Completed Document Type: Removal Action Completion Report
Completed Date: 01/15/1993
Comments: Not reported

Completed Area Name: Del Amo Study Area
Completed Sub Area Name: Not reported
Completed Document Type: *Engineering Evaluation / Cost Analysis - Non-Time Critical
Completed Date: 12/31/1991
Comments: Not reported

Completed Area Name: Del Amo Study Area
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/30/1989
Comments: Site Screening Done: U.S. EPA Lead. U.S. EPA will list site. Former synthetic rubber manufacturing plant. Contaminants include PAH's such as benzene, toluene, ethylbenzene, and PNAs.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL AMO (Continued)

1000483853

Completed Area Name: Del Amo Study Area
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 03/31/1988
Comments: Not reported

Completed Area Name: Del Amo Study Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/04/2007
Comments: The purposes of the RI were to evaluate the nature and extent of NAPL and soils contaminants at the site and to provide sufficient data for completion of the Baseline Risk Assessment and Feasibility study. Also, the objective of the RI was to identify and evaluate likely contaminant sources areas. Based on those investigations, it was concluded that Benzene is a primary contaminant at some of the sources areas.

Completed Area Name: Del Amo Study Area
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Plan
Completed Date: 09/09/2011
Comments: Not reported

Future Area Name: Del Amo Groundwater
Future Sub Area Name: Dual Phase Montrose/Del Amo
Future Document Type: Remedial Action Completion Report
Future Due Date: 2013

Future Area Name: Del Amo Study Area
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2014

Future Area Name: Del Amo Groundwater
Future Sub Area Name: Dual Phase Montrose/Del Amo
Future Document Type: Design/Implementation Workplan
Future Due Date: 2012

Future Area Name: Del Amo Study Area
Future Sub Area Name: Not reported
Future Document Type: Site Characterization Report
Future Due Date: 2012

Future Area Name: Del Amo Groundwater
Future Sub Area Name: Dual Phase Montrose/Del Amo
Future Document Type: Consent Decree
Future Due Date: 2012

Schedule Area Name: Del Amo Groundwater
Schedule Sub Area Name: Dual Phase Montrose/Del Amo
Schedule Document Type: Feasibility Study Report
Schedule Due Date: 05/15/2012

Schedule Revised Date: Not reported
Schedule Area Name: Del Amo Study Area
Schedule Sub Area Name: Not reported
Schedule Document Type: Certification

Schedule Due Date: 07/10/2010
Schedule Revised Date: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A9
SSE
< 1/8
0.007 mi.
39 ft.

COX DIE CASTING
1528 W 178TH ST
GARDENA, CA 90248
Site 9 of 9 in cluster A

RCRA-SQG 1000168383
FINDS CAD981160054
WDS
NPDES
HAZNET

Relative:
Higher

RCRA-SQG:

Date form received by agency: 04/27/1993
Facility name: COX DIE CASTING
Facility address: 1528 W 178TH ST
GARDENA, CA 90248
EPA ID: CAD981160054
Contact: DAVE KHAN
Contact address: 1528 W FIRST HUNDRED SEVENTY E
GARDENA, CA 90248
Contact country: US
Contact telephone: (310) 532-7544
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:
37 ft.

Owner/Operator Summary:

Owner/operator name: COX DIE CASTING
Owner/operator address: 1528 W 178TH ST
GARDENA, CA 90248
Owner/operator country: Not reported
Owner/operator telephone: (310) 532-7544
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COX DIE CASTING (Continued)

1000168383

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002677835

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CA WDS:

Facility ID: 4 19I004958
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: 3105327544
Facility Contact: ROBERT COX
Agency Name: COX DIE CASTING
Agency Address: 1528 W 178th St
Agency City,St,Zip: Gardena 902483204
Agency Contact: ROBERT COX
Agency Telephone: 3105327544
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COX DIE CASTING (Continued)

1000168383

Complexity: represent no threat to water quality.
Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

NPDES:

Npdes Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 4
Regulatory Measure Id: 189457
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 4 19I004958
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/07/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Cox Die Casting
Discharge Address: 1528 W 178th St
Discharge City: Gardena
Discharge State: California
Discharge Zip: 90248

HAZNET:

Year: 2008
Gepaid: CAD981160054
Contact: DAVE KHAN
Telephone: 3105327544
Mailing Name: Not reported
Mailing Address: 1528 W 178TH ST
Mailing City,St,Zip: GARDENA, CA 902480000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons: 0.68805
Facility County: Los Angeles

Year: 2007
Gepaid: CAD981160054
Contact: DAVE KHAN
Telephone: 3105327544
Mailing Name: Not reported
Mailing Address: 1528 W 178TH ST
Mailing City,St,Zip: GARDENA, CA 902480000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COX DIE CASTING (Continued)

1000168383

Waste Category: Oil/water separation sludge
Disposal Method: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons: 1.6
Facility County: Los Angeles

Year: 2006
Gepaid: CAD981160054
Contact: DAVE KHAN
Telephone: 3105327544
Mailing Name: Not reported
Mailing Address: 1528 W 178TH ST
Mailing City,St,Zip: GARDENA, CA 902480000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: H13
Tons: 0.62
Facility County: Los Angeles

Year: 2005
Gepaid: CAD981160054
Contact: DAVE KHAN
Telephone: 3105327544
Mailing Name: Not reported
Mailing Address: 1528 W 178TH ST
Mailing City,St,Zip: GARDENA, CA 902480000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: Not reported
Tons: 1.29
Facility County: Not reported

Year: 2004
Gepaid: CAD981160054
Contact: DAVE KHAN
Telephone: 3105327544
Mailing Name: Not reported
Mailing Address: 1528 W 178TH ST
Mailing City,St,Zip: GARDENA, CA 902480000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: Not reported
Tons: 1.29
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access 15 additional CA_HAZNET: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B10 **MATSUQ INTL**
SE **1501 W 178TH ST**
< 1/8 **GARDENA, CA 90248**
0.022 mi.
117 ft. **Site 1 of 2 in cluster B**

RCRA-SQG **1000905575**
FINDS **CA0000866590**

Relative:
Higher

RCRA-SQG:

Actual:
40 ft.

Date form received by agency: 09/30/1994
Facility name: MATSUQ INTL
Facility address: 1501 W 178TH ST
GARDENA, CA 90248
EPA ID: CA0000866590
Mailing address: W 178TH ST
GARDENA, CA 90248
Contact: HIROYUKY KAWAMURN
Contact address: 1501 W 178TH ST
GARDENA, CA 90248
Contact country: US
Contact telephone: (310) 767-7812
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MASA MATSUP
Owner/operator address: 1501 S 178TH ST
GARDENA, CA 90248
Owner/operator country: Not reported
Owner/operator telephone: (310) 767-7812
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MATSUQ INTL (Continued)

1000905575

FINDS:

Registry ID: 110002620539

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

B11
SE
< 1/8
0.023 mi.
120 ft.

Relative:
Higher

Actual:
41 ft.

BEE CHEM CO
1500 W 178TH ST
GARDENA, CA 90248

Site 2 of 2 in cluster B

CERC-NFRAP 1000106837
RCRA-SQG CAD082183344
FINDS
HIST CORTESE
LUST
CA FID UST
SLIC
HIST UST
SWEEPS UST
LOS ANGELES CO. HMS
EMI

CERC-NFRAP:

Site ID: 0901623
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13053747.00000
 Person ID: 9271184.00000

 Contact Sequence ID: 13288469.00000
 Person ID: 13003854.00000

 Contact Sequence ID: 13294064.00000
 Person ID: 13003858.00000

 Contact Sequence ID: 13299922.00000
 Person ID: 13004003.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: GILMORE & NOLAN INC (OPERATOR)
 Alias Address: Not reported
 CA

 Alias Name: BARLEY BUILDING CORP (OWNER)
 Alias Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEE CHEM CO (Continued)

1000106837

CA

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 04/01/1986
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 04/01/1986
Date Completed: 01/01/1987
Priority Level: Low priority for further assessment

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 03/01/1987
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 03/01/1987
Priority Level: Not reported

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: BEE CHEM CO
Facility address: 1500 W 178TH ST
GARDENA, CA 90248
EPA ID: CAD082183344
Mailing address: 2700 EAST FIRST HUNDRED SEVENT
LANSING, IL 60438
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEE CHEM CO (Continued)

1000106837

Owner/operator name: BEE CHEMICAL COMPANY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/27/1992
Facility name: BEE CHEM CO
Site name: MORTON INTERNATIONAL
Classification: Large Quantity Generator

Date form received by agency: 04/03/1991
Facility name: BEE CHEM CO
Site name: MORTON INTERNATIONAL/BEE CHEMICAL COMPAN
Classification: Large Quantity Generator

Date form received by agency: 08/14/1980
Facility name: BEE CHEM CO
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002421807

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEE CHEM CO (Continued)

1000106837

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

CORTESE:

Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 902480070

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 902480070
Status: Remedial action (cleanup) Underway
Substance: Solvents
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: FPVE
Global ID: T0603701280
W Global ID: Not reported
Staff: SLC
Local Agency: 19000
Cross Street: EVELYN AVE
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 6/25/1986
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 7/7/1998
Date the Case was Closed: Not reported
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: VOGL, HARRY J.
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1640.4457573650774791881427276
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: 1/7/1988
Remedial Action Underway: 7/7/1998
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEE CHEM CO (Continued)

1000106837

Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Yes
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: MORTON-THIOKOL, INC.
RP Address: 333 WEST WACKER DR, CHICAGO, IL 60606
Program: SLIC
Lat/Long: 33.8692729 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: PURGED 5 GALLONS OF FREE PRODUCT. SITE ASSESSMENT WORK COMPLETED.
PREPARING REMEDIAL ACTION PLAN. REFER TO SLIC
#550

CA FID UST:

Facility ID: 19000923
Regulated By: UTNKA
Regulated ID: 00017163
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: 1500 W 178TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: GARDENA
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SLIC:

Region: STATE
Facility Status: **Open - Remediation**
Status Date: 07/07/1998
Global Id: T0603701280
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 33.8692729
Longitude: -118.3025733
Case Type: Cleanup Program Site
Case Worker: SLC
Local Agency: LOS ANGELES COUNTY
RB Case Number: 902480070
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEE CHEM CO (Continued)

1000106837

Potential Contaminants of Concern: * Solvents
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Region: STATE
Facility Status: **Open - Assessment & Interim Remedial Action**
Status Date: 08/10/2010
Global Id: SL184361419
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 33.86892
Longitude: -118.30319
Case Type: Cleanup Program Site
Case Worker: RE
Local Agency: Not reported
RB Case Number: 1843600
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Soil, Soil Vapor
Potential Contaminants of Concern: Acetone, Benzene, Xylene
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

HIST UST:

Region: STATE
Facility ID: 00000017163
Facility Type: Other
Other Type: PAINT MFG.
Total Tanks: 0010
Contact Name: LEO R. TWIST
Telephone: 2133214411
Owner Name: BEE CHEMICAL COMPANY
Owner Address: 2700 E 170TH STREET
Owner City,St,Zip: LANSING, IL 60438

Tank Num: 001
Container Num: 10
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 9
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 8
Year Installed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEE CHEM CO (Continued)

1000106837

Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 7
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 005
Container Num: 6
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 006
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 007
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: Not reported
Leak Detection: None

Tank Num: 008
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 009
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: 06

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEE CHEM CO (Continued)

1000106837

Tank Construction: Not reported
Leak Detection: None

Tank Num: 010
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: Not reported
Leak Detection: None

SWEEPS UST:

Status: A
Comp Number: 10389
Number: 9
Board Of Equalization: 44-008838
Ref Date: 06-30-89
Act Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-010389-000001
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: 10

Status: A
Comp Number: 10389
Number: 9
Board Of Equalization: 44-008838
Ref Date: 06-30-89
Act Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-010389-000002
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 10389
Number: 9
Board Of Equalization: 44-008838
Ref Date: 06-30-89
Act Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-010389-000003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEE CHEM CO (Continued)

1000106837

Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 10389
Number: 9
Board Of Equalization: 44-008838
Ref Date: 06-30-89
Act Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-010389-000004
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 10389
Number: 9
Board Of Equalization: 44-008838
Ref Date: 06-30-89
Act Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-010389-000005
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 10389
Number: 9
Board Of Equalization: 44-008838
Ref Date: 06-30-89
Act Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-010389-000006
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEE CHEM CO (Continued)

1000106837

Status: A
Comp Number: 10389
Number: 9
Board Of Equalization: 44-008838
Ref Date: 06-30-89
Act Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-010389-000007
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 10389
Number: 9
Board Of Equalization: 44-008838
Ref Date: 06-30-89
Act Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-010389-000008
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 10389
Number: 9
Board Of Equalization: 44-008838
Ref Date: 06-30-89
Act Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-010389-000009
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 10389
Number: 9
Board Of Equalization: 44-008838
Ref Date: 06-30-89
Act Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEE CHEM CO (Continued)

1000106837

Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-010389-000010
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:

Region: LA
Facility Id: 009207-010389
Facility Type: T0
Facility Status: Removed
Area: 2B
Permit Number: 00001787T
Permit Status: Removed

EMI:

Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 22064
Air District Name: SC
SIC Code: 2850
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1996
County Code: 19
Air Basin: SC
Facility ID: 22064
Air District Name: SC
SIC Code: 2850
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C12
ESE
< 1/8
0.086 mi.
454 ft.

ROTARY TECHNOLOGIES CORP
1468 WEST 178TH STREET
GARDENA, CA 90248

Site 1 of 2 in cluster C

RCRA-SQG 1000156609
FINDS CAD982502254
HAZNET

Relative:
Higher

RCRA-SQG:

Date form received by agency: 05/01/1989

Facility name: ROTARY TECHNOLOGIES CORP

Facility address: 1468 WEST 178TH STREET

GARDENA, CA 90248

EPA ID: CAD982502254

Contact: ENVIRONMENTAL MANAGER

Contact address: 1468 WEST 178TH STREET

LONG BEACH, CA 90248

Contact country: US

Contact telephone: (213) 538-5270

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:
43 ft.

Owner/Operator Summary:

Owner/operator name: DONALD A NORBERG

Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: (415) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED

Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: (415) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROTARY TECHNOLOGIES CORP (Continued)

1000156609

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110009546893

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Year: 1995
Gepaid: CAD982502254
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1468 WEST 178TH STREET
Mailing City,St,Zip: LONG BEACH, CA 902480000
Gen County: Los Angeles
TSD EPA ID: CAD099452708
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: R01
Tons: 1.3260
Facility County: Los Angeles

**C13
ESE
1/8-1/4
0.140 mi.
741 ft.**

**TIMCO
1439 W 178TH ST
GARDENA, CA**

**SWEEPS UST
LOS ANGELES CO. HMS**

**U002280126
N/A**

Site 2 of 2 in cluster C

**Relative:
Higher**

SWEEPS UST:

Status: A
Comp Number: 5754
Number: 9
Board Of Equalization: Not reported
Ref Date: 06-30-89
Act Date: Not reported
Created Date: 06-30-89
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported

**Actual:
43 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIMCO (Continued)

U002280126

Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:

Region: LA
Facility Id: 005552-I05754
Facility Type: I01
Facility Status: Closed
Area: 2B
Permit Number: 00009609J
Permit Status: Closed

Region: LA
Facility Id: 005552-005754
Facility Type: Not reported
Facility Status: Removed
Area: 2B
Permit Number: Not reported
Permit Status: Not reported

**D14
NW
1/8-1/4
0.161 mi.
849 ft.**

**AUTO BODY CONNECTION
1610 W ARTESIA
GARDENA, CA 90248
Site 1 of 3 in cluster D**

**RCRA-NonGen 1000324473
FINDS CAD981631013**

**Relative:
Lower**

RCRA-NonGen:

Date form received by agency: 09/30/1994
Facility name: AUTO BODY CONNECTION
Facility address: 1610 W ARTESIA
GARDENA, CA 90247
EPA ID: CAD981631013
Contact: ENVIRONMENTAL MANAGER
Contact address: 1610 W ARTESIA
GARDENA, CA 90247

**Actual:
33 ft.**

Contact country: US
Contact telephone: (213) 515-3768
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NADER & NASSER SAVAR
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO BODY CONNECTION (Continued)

1000324473

Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002730796

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D15
NNW
1/8-1/4
0.161 mi.
852 ft.

AUTOBODY CONNECTION
1610 W ARTESIA BLVD
GARDENA, CA 90247
Site 2 of 3 in cluster D

RCRA-NonGen 1000327665
HAZNET CAD982042863

Relative:
Lower

RCRA-NonGen:
Date form received by agency: 09/26/1994
Facility name: AUTOBODY CONNECTION
Facility address: 1610 W ARTESIA BLVD
GARDENA, CA 90247
EPA ID: CAD982042863
Mailing address: W ARTESIA BLVD
GARDENA, CA 90247
Contact: ENVIRONMENTAL MANAGER
Contact address: 1610 W ARTESIA BLVD
GARDENA, CA 90247
Contact country: US
Contact telephone: (213) 973-8111
Contact email: Not reported

Actual:
32 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOBODY CONNECTION (Continued)

1000327665

EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NASSER SAVAR
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

HAZNET:

Year: 1994
Gepaid: CAD982042863
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1610 W ARTESIA BLVD
Mailing City,St,Zip: GARDENA, CA 902470000
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Paint sludge
Disposal Method: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOBODY CONNECTION (Continued)

1000327665

Tons: .1251
Facility County: Los Angeles

Year: 1994
Gepaid: CAD982042863
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1610 W ARTESIA BLVD
Mailing City,St,Zip: GARDENA, CA 902470000
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Paint sludge
Disposal Method: R01
Tons: .3336
Facility County: Los Angeles

Year: 1993
Gepaid: CAD982042863
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1610 W ARTESIA BLVD
Mailing City,St,Zip: GARDENA, CA 902470000
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Paint sludge
Disposal Method: Not reported
Tons: .1251
Facility County: Los Angeles

Year: 1993
Gepaid: CAD982042863
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1610 W ARTESIA BLVD
Mailing City,St,Zip: GARDENA, CA 902470000
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Paint sludge
Disposal Method: R01
Tons: .1251
Facility County: Los Angeles

Year: 1993
Gepaid: CAD982042863
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1610 W ARTESIA BLVD
Mailing City,St,Zip: GARDENA, CA 902470000
Gen County: Los Angeles
TSD EPA ID: CAD008252405

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOBODY CONNECTION (Continued)

1000327665

TSD County: Los Angeles
Waste Category: Unspecified solvent mixture
Disposal Method: R01
Tons: .1251
Facility County: Los Angeles

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

D16
NNW
1/8-1/4
0.161 mi.
852 ft.

SHIGES FOREIGN CAR SERVICE
1610 W ARTESIA
GARDENA, CA 90248
Site 3 of 3 in cluster D

RCRA-SQG 1000234204
FINDS CAD982052722
CA FID UST
SWEEPS UST
LOS ANGELES CO. HMS
HAZNET
EMI

Relative:
Lower

Actual:
32 ft.

RCRA-SQG:

Date form received by agency: 10/09/1987
Facility name: SHIGES FOREIGN CAR SERVICE
Facility address: 1610 W ARTESIA
GARDENA, CA 90247
EPA ID: CAD982052722
Mailing address: W ARTESIA
GARDENA, CA 90247
Contact: ENVIRONMENTAL MANAGER
Contact address: 1610 W ARTESIA
GARDENA, CA 90247
Contact country: US
Contact telephone: (213) 323-1824
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: SHIGE KADOWAKI
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHIGES FOREIGN CAR SERVICE (Continued)

1000234204

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110009543422

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CA FID UST:

Facility ID: 19022771
Regulated By: UTNKA
Regulated ID: 00005482
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: 1610 W ARTESIA BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: GARDENA
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHIGES FOREIGN CAR SERVICE (Continued)

1000234204

Comp Number: 6810
Number: 9
Board Of Equalization: Not reported
Ref Date: 06-30-89
Act Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-006810-000001
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: 1

LOS ANGELES CO. HMS:

Region: LA
Facility Id: 006589-I06811
Facility Type: I01
Facility Status: Closed
Area: 2B
Permit Number: 00008980C
Permit Status: Closed

Region: LA
Facility Id: 006589-I06810
Facility Type: I02
Facility Status: Closed
Area: 2B
Permit Number: 000006829
Permit Status: Closed

Region: LA
Facility Id: 006589-I06812
Facility Type: I01
Facility Status: Closed
Area: 2B
Permit Number: 000006831
Permit Status: Closed

Region: LA
Facility Id: 006589-034833
Facility Type: I01
Facility Status: Permit
Area: 2B
Permit Number: 00C323802
Permit Status: Permit

Region: LA
Facility Id: 006589-025102
Facility Type: Not reported
Facility Status: OPEN
Area: 2B
Permit Number: Not reported
Permit Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHIGES FOREIGN CAR SERVICE (Continued)

1000234204

Region: LA
Facility Id: 006589-025631
Facility Type: Not reported
Facility Status: OPEN
Area: 2B
Permit Number: Not reported
Permit Status: Not reported

Region: LA
Facility Id: 006589-021218
Facility Type: I01
Facility Status: Closed
Area: 2B
Permit Number: 000081190
Permit Status: Closed

Region: LA
Facility Id: 006589-020712
Facility Type: I01
Facility Status: Closed
Area: 2B
Permit Number: 000066852
Permit Status: Closed

Region: LA
Facility Id: 006589-022638
Facility Type: I01
Facility Status: Permit
Area: 2B
Permit Number: 000189269
Permit Status: Closed

HAZNET:

Year: 2003
Gepaid: CAD982353690
Contact: MIKE KASSAB
Telephone: 3103278172
Mailing Name: Not reported
Mailing Address: 1610 W ARTESIA BLVD
Mailing City,St,Zip: GARDENA, CA 902480000
Gen County: Los Angeles
TSD EPA ID: CAT000613935
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01
Tons: 0.01
Facility County: Los Angeles

Year: 2001
Gepaid: CAL000049246
Contact: DEACT PER 95 FEE FORM -P.H.
Telephone: --
Mailing Name: Not reported
Mailing Address: 1610 W ARTESIA BLVD
Mailing City,St,Zip: GARDENA, CA 902480000
Gen County: Los Angeles
TSD EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHIGES FOREIGN CAR SERVICE (Continued)

1000234204

TSD County: 99
Waste Category: Other inorganic solid waste
Disposal Method: Not reported
Tons: 22.5
Facility County: Not reported

EMI:

Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 46337
Air District Name: SC
SIC Code: 7538
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 46337
Air District Name: SC
SIC Code: 7538
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

E17
NNW
1/8-1/4
0.179 mi.
944 ft.

CLASSIC AUTOMOTIVE
1610 W ARTESIA BLVD
GARDENA, CA 90247
Site 1 of 4 in cluster E

RCRA-SQG 1000386705
FINDS CAD981663305
HAZNET

Relative:
Lower

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: CLASSIC AUTOMOTIVE
Facility address: 1610 W ARTESIA BLVD
GARDENA, CA 90247
EPA ID: CAD981663305
Mailing address: W ARTESIA BLVD
GARDENA, CA 90247
Contact: Not reported
Contact address: Not reported

Actual:
32 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLASSIC AUTOMOTIVE (Continued)

1000386705

Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOE LARRY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110009539240

Environmental Interest/Information System

APPENDIX D
HISTORICAL RECORD SEARCH
(HISTORICAL SANBORN FIRE INSURANCE MAPS / AERIAL PHOTOS / TOPO MAPS / HISTORICAL CITY DIRECTORIES /
OTHER HISTORICAL RECORDS)

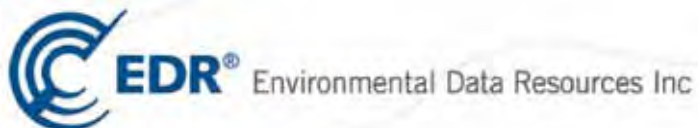


6353487-UESA

1515 W. 178th St
Gardena, CA 90248

Inquiry Number: 2243811.3
January 28, 2013

Certified Sanborn® Map Report



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

1/28/13

Site Name:

6353487-UESA
1515 W. 178th St
Gardena, CA 90248

Client Name:

ODIC Environmental
3255 Wilshire Blvd
Los Angeles, CA 90010

EDR Inquiry # 2243811.3

Contact: Frank Trinidad



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by ODIC Environmental were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: 6353487-UESA
Address: 1515 W. 178th St
City, State, Zip: Gardena, CA 90248
Cross Street:
P.O. # 061208
Project: 6353487UESA
Certification # 61B0-4E76-B78F



Sanborn® Library search results
Certification # 61B0-4E76-B78F

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Total Maps: 0

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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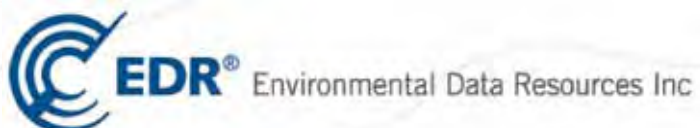


6353487-UESA

1515 W. 178th St
Gardena, CA 90248

Inquiry Number: 2243811.5
January 28, 2013

The EDR Aerial Photo Decade Package



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography January 28, 2013

Target Property:

1515 W. 178th St

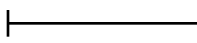
Gardena, CA 90248

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1928	Aerial Photograph. Scale: 1"=500'	Flight Year: 1928	Fairchild
1938	Aerial Photograph. Scale: 1"=555'	Flight Year: 1938	Laval
1947	Aerial Photograph. Scale: 1"=666'	Flight Year: 1947	Fairchild
1956	Aerial Photograph. Scale: 1"=400'	Flight Year: 1956	Fairchild
1965	Aerial Photograph. Scale: 1"=666'	Flight Year: 1965	Fairchild
1976	Aerial Photograph. Scale: 1"=666'	Flight Year: 1976	Teledyne
1989	Aerial Photograph. Scale: 1"=666'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=666'	Flight Year: 1994	USGS
2002	Aerial Photograph. Scale: 1"=666'	Flight Year: 2002	USGS
2005	Aerial Photograph. Scale: 1"=484'	Flight Year: 2005	EDR

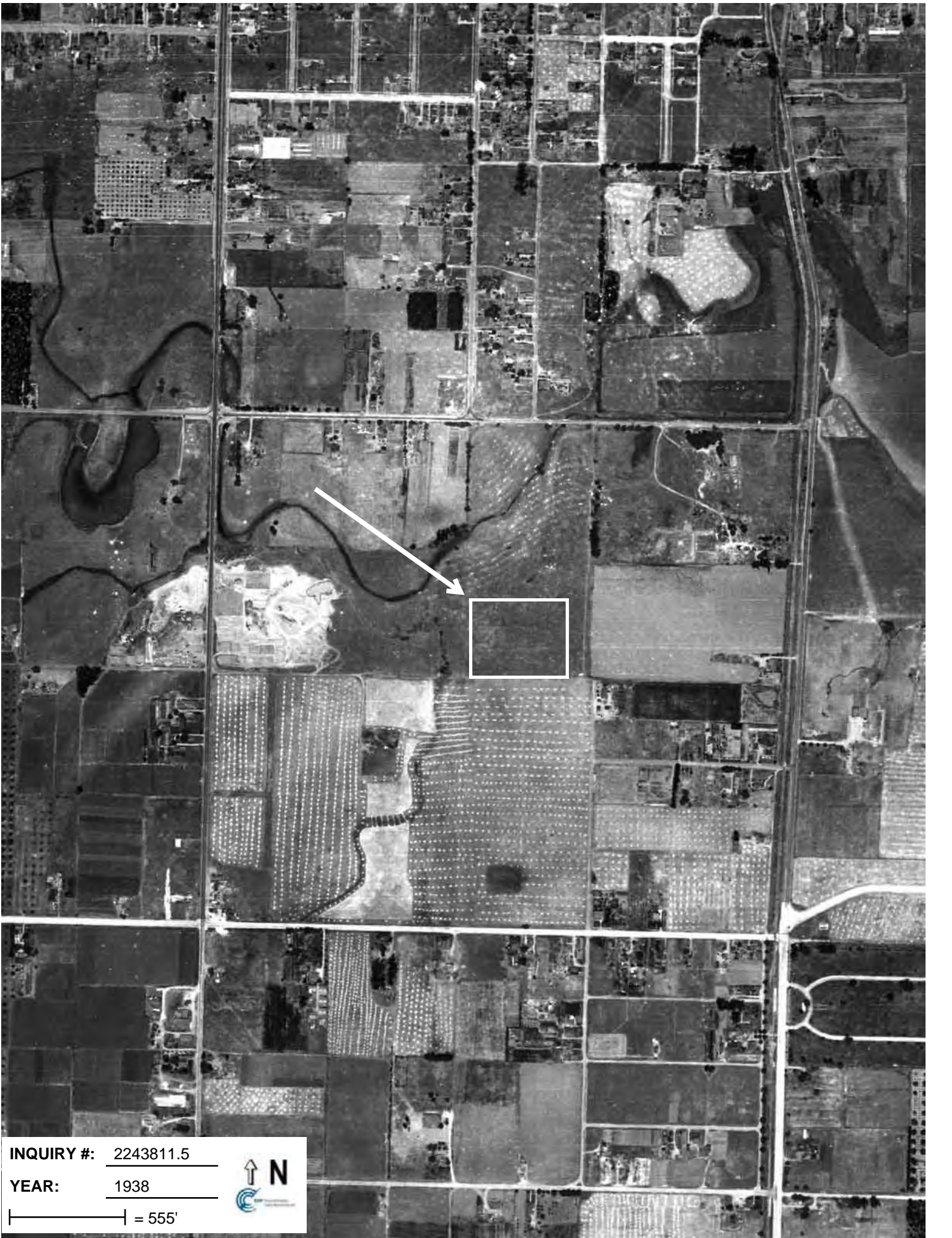


INQUIRY #: 2243811.5

YEAR: 1928

 = 500'





INQUIRY #: 2243811.5

YEAR: 1938

| = 555'





INQUIRY #: 2243811.5

YEAR: 1947

| = 666'





INQUIRY #: 2243811.5

YEAR: 1956

| = 400'





INQUIRY #: 2243811.5

YEAR: 1976

| = 666'



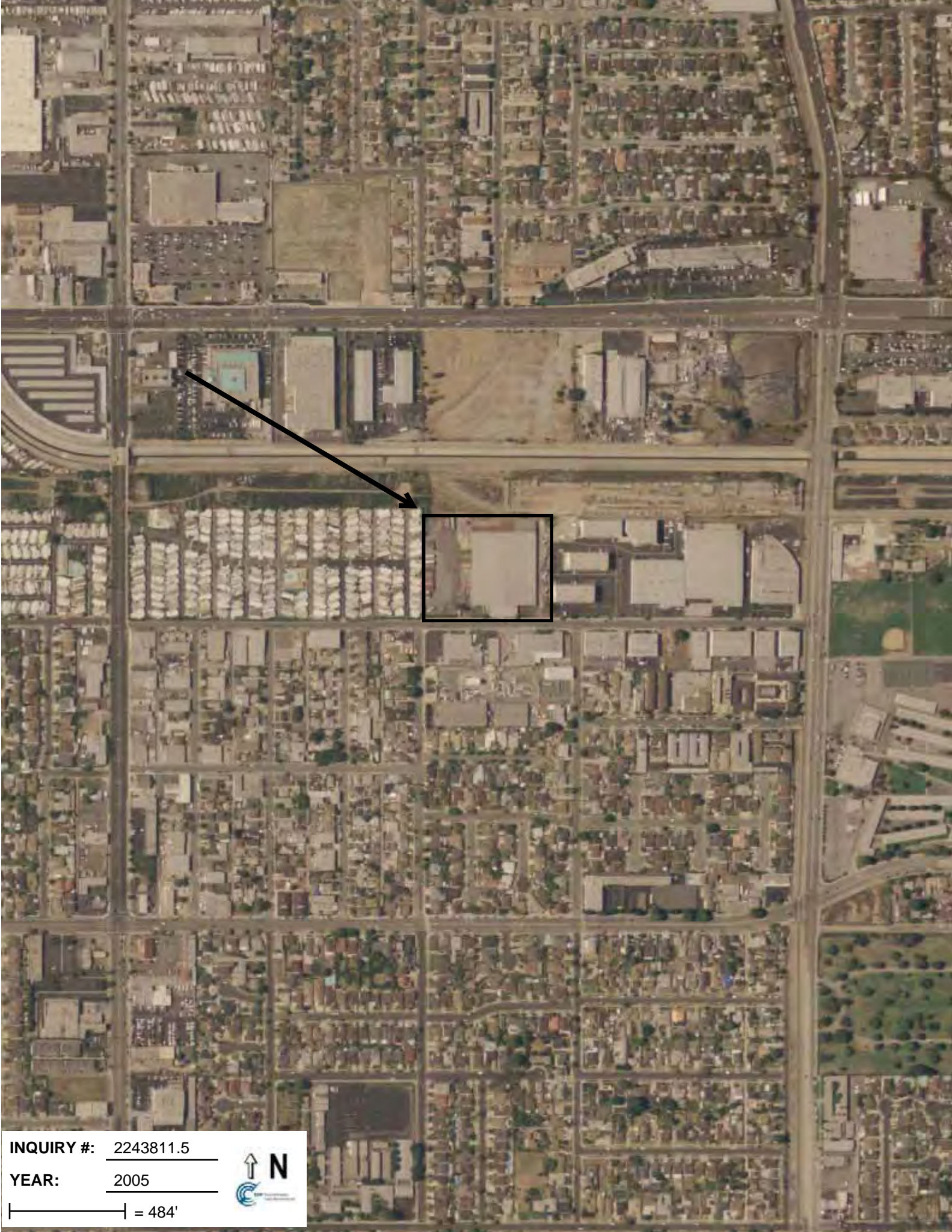


INQUIRY #: 2243811.5

YEAR: 1994

| = 666'





INQUIRY #: 2243811.5

YEAR: 2005

| = 484'



6353487-UESA

1515 W. 178th St
Gardena, CA 90248

Inquiry Number: 2243811.6
January 28, 2013

The EDR-City Directory Abstract

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2006. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/8th of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Target Property:
1515 W. 178th St
Gardena, CA 90248

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Address Not Listed in Research Source	Los Angeles Directory Co.
1921	Address Not Listed in Research Source	Los Angeles Directory Co.
1923	Address Not Listed in Research Source	Los Angeles Directory Co.
1924	Address Not Listed in Research Source	Los Angeles Directory Co.
1925	Address Not Listed in Research Source	Los Angeles Directory Co.
1926	Address Not Listed in Research Source	Los Angeles Directory Co.
1927	Address Not Listed in Research Source	Kaasen Directory Company Publishers
1928	Address Not Listed in Research Source	Los Angeles Directory Co.
1929	Address Not Listed in Research Source	Los Angeles Directory Co.
1930	Address Not Listed in Research Source	Los Angeles Directory Co.
1931	Address Not Listed in Research Source	Los Angeles Directory Company Publishers
1932	Address Not Listed in Research Source	Los Angeles Directory Co.
1933	Address Not Listed in Research Source	Los Angeles Directory Co.
1934	Address Not Listed in Research Source	Los Angeles Directory Co.
1935	Address Not Listed in Research Source	Los Angeles Directory Co.
1936	Address Not Listed in Research Source	Los Angeles Directory Co.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Address Not Listed in Research Source	Los Angeles Directory Co.
1938	Address Not Listed in Research Source	Los Angeles Directory Company Publishers
1939	Address Not Listed in Research Source	Los Angeles Directory Co.
1940	Address Not Listed in Research Source	Los Angeles Directory Co.
1942	Address Not Listed in Research Source	Los Angeles Directory Co.
1944	Address Not Listed in Research Source	R. L. Polk & Co.
1945	Address Not Listed in Research Source	R. L. Polk & Co.
1946	Address Not Listed in Research Source	Los Angeles Directory Co.
1947	Address Not Listed in Research Source	Pacific Directory Co.
1948	Address Not Listed in Research Source	Los Angeles Directory Co.
1949	Address Not Listed in Research Source	Los Angeles Directory Co.
1950	Address Not Listed in Research Source	Pacific Telephone
1951	Address Not Listed in Research Source	Los Angeles Directory Co Publishers
1952	Address Not Listed in Research Source	Los Angeles Directory Co.
1954	Address Not Listed in Research Source	R. L. Polk & Co.
1955	Address Not Listed in Research Source	R. L. Polk & Co.
1956	Address Not Listed in Research Source	Pacific Telephone
1957	Address Not Listed in Research Source	Pacific Telephone
1958	Address Not Listed in Research Source	Pacific Telephone
1960	Address Not Listed in Research Source	Pacific Telephone

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	Address Not Listed in Research Source	Luskey Brothers & Co
1962	<u>**W 178TH**</u> GLOBE ILLUMINATION CO (1515)	Pacific Telephone
1963	Address Not Listed in Research Source	Pacific Telephone
1964	Address Not Listed in Research Source	Pacific Telephone
1965	Address Not Listed in Research Source	GTE
1966	Address Not Listed in Research Source	Pacific Telephone
1967	<u>**W 178TH ST**</u> GLOBE ILLUMINATION COMPANY (1515)	R. L. Polk & Co.
1969	Address Not Listed in Research Source	Pacific Telephone
1970	<u>**W 178TH ST**</u> GLOBE ILLUMINATION COMPANY (1515)	R. L. Polk & Co.
1971	<u>**W 178TH**</u> GLOBE ILLUMINATION COMPANY (1515)	B&G Publications
1972	Address Not Listed in Research Source	R. L. Polk & Co.
1975	<u>**W 178TH ST**</u> GLOBE ILLUMINATION CO (1515)	Pacific Telephone
1976	<u>**W 178TH ST**</u> GLOBE ILLUMINATION COMPANY (1515)	R.L. Polk & co Publishers
1980	<u>**W 178TH ST**</u> PETAINER INC (1515) GLOBE ILLUMINATION CO (1515)	Pacific Telephone
1981	<u>**W 178TH**</u> PETAINER INC GARDENA (1515)	Pacific Telephone
1985	<u>**W 178TH ST**</u> GLOBE ILLUMINATION CO (1515)	Pacific Bell
1986	<u>**W 178TH**</u> GLOBE ILLUMINATION COMPANY GARDENA (1515)	Pacific Bell
1990	<u>**178TH W**</u> MALCO CO (1515)	Pacific Bell
1991	Address Not Listed in Research Source	Pacific Bell

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	<u>**W 178TH**</u> ORTHO MATTRESS INC GARDENA (1515)	Pacific Bell Telephone
	<u>**W 178TH ST**</u> ORTHO MATTRESS INC (1515)	Pacific Bell Telephone
	<u>**178TH W**</u> ORTHO MATTRESS INC (1515)	Pacific Bell Telephone
1996	Address Not Listed in Research Source	GTE
1999	Address Not Listed in Research Source	Haines Company
2000	Address Not Listed in Research Source	Pacific Bell Telephone
2001	<u>**W 178TH ST**</u> CINTEK SYSTEM INC (1515)	Haines & Company, Inc.
2003	Address Not Listed in Research Source	Haines & Company
2004	Address Not Listed in Research Source	Haines Company
2006	Address Not Listed in Research Source	Haines Company, Inc.

Adjoining Properties

SURROUNDING

Multiple Addresses
Gardena, CA 90248

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Address Not Listed in Research Source	Los Angeles Directory Co.
1921	Address Not Listed in Research Source	Los Angeles Directory Co.
1923	Address Not Listed in Research Source	Los Angeles Directory Co.
1924	Address Not Listed in Research Source	Los Angeles Directory Co.
1925	Address Not Listed in Research Source	Los Angeles Directory Co.
1926	Address Not Listed in Research Source	Los Angeles Directory Co.
1927	Address Not Listed in Research Source	Kaasen Directory Company Publishers

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Address Not Listed in Research Source	Los Angeles Directory Co.
1929	Address Not Listed in Research Source	Los Angeles Directory Co.
1930	Address Not Listed in Research Source	Los Angeles Directory Co.
1931	Address Not Listed in Research Source	Los Angeles Directory Company Publishers
1932	Address Not Listed in Research Source	Los Angeles Directory Co.
1933	Address Not Listed in Research Source	Los Angeles Directory Co.
1934	Address Not Listed in Research Source	Los Angeles Directory Co.
1935	Address Not Listed in Research Source	Los Angeles Directory Co.
1936	Address Not Listed in Research Source	Los Angeles Directory Co.
1937	Address Not Listed in Research Source	Los Angeles Directory Co.
1938	Address Not Listed in Research Source	Los Angeles Directory Company Publishers
1939	Address Not Listed in Research Source	Los Angeles Directory Co.
1940	Address Not Listed in Research Source	Los Angeles Directory Co.
1942	Address Not Listed in Research Source	Los Angeles Directory Co.
1944	Address Not Listed in Research Source	R. L. Polk & Co.
1945	Address Not Listed in Research Source	R. L. Polk & Co.
1946	Address Not Listed in Research Source	Los Angeles Directory Co.
1947	Address Not Listed in Research Source	Pacific Directory Co.
1948	Address Not Listed in Research Source	Los Angeles Directory Co.
1949	Address Not Listed in Research Source	Los Angeles Directory Co.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	<u>**W 179TH ST**</u> GRAY0H MRS R (1457) TAYLOR DREWR (1458) GRAY R E R (1464)	Pacific Telephone
	<u>**W 178TH ST**</u> MILLARD W RR (1446) PARSONS L V MRS R (1472) PUNT J PR (1488)	Pacific Telephone
1951	Address Not Listed in Research Source	Los Angeles Directory Co Publishers
1952	Address Not Listed in Research Source	Los Angeles Directory Co.
1954	<u>**W 179TH ST**</u> BRADBURY FRANKLIN D (1457) COX KENNELS (1458) GUNTER W A (1469) ALLEN JAS E (1473) NOONE ROBT (1482) ERSON SIGURD H (1491)	R. L. Polk & Co.
	<u>**W 178TH ST**</u> MILLARD W R (1446) PARSONS LV MRS (1472)	R. L. Polk & Co.
1955	Address Not Listed in Research Source	R. L. Polk & Co.
1956	Address Not Listed in Research Source	Pacific Telephone
1957	<u>**W 179TH ST**</u> BRADBURY FRANKLIN D (1457) WHITTANG TED (1464) FANTI ALFRED (1465) GUNTER W A (1469) ALIEN JAS E (1473) CREMO ALBERT L (1478) CREMO SANDRA J (1478) ROBISON CHAS O (1482) STPARMAN LOYD C (1485) TANIHARA SAM (1490) GALLIAM GENE H (1491) GRAY HOWARD (1496)	Pacific Telephone
	<u>**W 178TH ST**</u>	Pacific Telephone

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	(continued) MILLIGAN ROOFING CO (1501) DURKEE TESTING LABS MTL & PLASTCS (1520)	
1963	Address Not Listed in Research Source	Pacific Telephone
1964	<u>**S DENKER AVE**</u> WARREN AUTOMATIC EQUIPT CO (17823)	Pacific Telephone
	<u>**W 179TH ST**</u> BROWN NED H REV (1457) FANTI ALFRED (1465) FANTI MARY (1465) TAWA KATSUMI MD (1476) SERIZAWA IWAN (1478) MURPHY DRAFTING SERV (1481) ROBISON CHAS D (1482) FONTANA JOHN DEE (1485) STEARMAN LOYD C (1485) FONTANA JACQUELINE (1485) TILEY JERRY (1491) TILEY BARBARA K (1491) GRAY NORMA K (1496)	Pacific Telephone
	<u>**DENKER AVE**</u> NICHOLS GEO F (17815) KEPNER MFG CO (17827) KEPNER ROSS KEPNER MFG CO (17827)	Pacific Telephone
	<u>**W 178TH ST**</u> YAMAGUCHI JIM H (1446) METRO MINERALS (1447) COONCE WM F (1488) COONCE JESSIE (1488) BEE CHEMICAL CO (1500) MILLIGAN ROOFING CO (1501) DURKEE TESTING LABS MTL & PLASTCS (1520) BRUCE INDUSTRIES INC (1528)	Pacific Telephone
1965	<u>**W 178TH ST**</u> BRUCE INDUSTRIES INC (1528)	GTE
1966	<u>**W 17TH PL**</u> BRUCE INDUSTRIES INC (1528)	Pacific Telephone
1967	<u>**W 179TH ST**</u> WHITTING TED (1464)	R. L. Polk & Co.
	<u>**EVELYN**</u> WIDMAN GEO D INC SHEET MTL ERECTION (17823)	R. L. Polk & Co.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	(continued)	
	GARDENA METAL PARTS CORP (17903)	
	<u>**W 178TH ST**</u>	R. L. Polk & Co.
	METRO MINERALS (1447)	
	GILMORE & NOLAN INC (1500)	
	BEE CHEMICAL CO (1500)	
	MILLIGAN ROOFING CO (1501)	
	DOUGHTYS SHEET METAL (1501)	
	NIKOLA H C ASSOCIATES INC (1520)	
	BRUCE INDUSTRIES INC (1528)	
	AERO INDUSTRIES INC (1528)	
1969	Address Not Listed in Research Source	Pacific Telephone
1970	<u>**W 178TH ST**</u>	R. L. Polk & Co.
	BRUCE INDUSTRIES INC (1528)	
	BRUCE INDUSTRIES INC (1528)	
	<u>**W 179TH ST**</u>	R. L. Polk & Co.
	ALLEN JAS E (1473)	
	MORITA TOICHLRO (1476)	
	SERIZAWA IWAO (1478)	
	SIMS GORDON VICTOR (1481)	
	ROBERTSON A J (1481)	
	CHASE C D JR (1482)	
	MCKENZIE LYLE K (1485)	
	STEARMAN LOYD C (1485)	
	FOWLER ERNEST H JR (1485)	
	GRAY N K (1496)	
	HENDERSON RONALD (1512)	
	<u>**DENKER AVE**</u>	R. L. Polk & Co.
	GUY S AUTO REPAIR (17805)	
	NIKOBAR DACHSHUNDS (17815)	
	MARLORAIN SCOTTIE S (17819)	
	MELEKOV MARTHA PUB ACCT (17819)	
	LI-JAN SHEPHERDS (17823)	
	KEPNER MFG CO (17827)	
	KEPNER ROSS KEPNER MFG CO (17827)	
	<u>**EVELYN AVE**</u>	R. L. Polk & Co.
	SLOAN JAS A (17820)	
	FROOM ROBT D (17826)	
	BARDWELL CECIL L (17832)	
	REAUME S REPAIR SERVICE (17833)	
	IMAGINETICS (17903)	
	KAMIMURA KENNETH (17907)	

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	(continued)	
	MATSUMOTO NORMAN Y (17907)	
	DUSABLON SUZI (17915)	
	DUSABLON WM F (17915)	
	BONS MIKE (17917)	
	LYLE NED L (17919)	
	CROSIER R E (17928)	
	HARLOW ERNIE H (17929)	
	W 178TH ST	R. L. Polk & Co.
	KELLY CHAS (1460)	
	CHANCE PETER (1464)	
	GUNTER TIMOTHY D (1472)	
	STEREO TAPE CLUB OF AMERICA (1480)	
	GILMORE & NOLAN DIV OF BEE CHEMICAL CO (1500)	
	BEE CHEMICAL CO (1500)	
	DUROGENIC INS (1520)	
	DURKEE TESTING LABS MTL & PLASTCS (1520)	
	BRUCE INDUSTRIES INC (1528)	
	BRUCE INDUSTRIES INC (1528)	
1971	**W 179TH PL**	B&G Publications
	NISHIOKA THOS (1525)	
	EVELYN	B&G Publications
	WIDMAN GEO D INC SHEET METL ERECTION (17823)	
	WIDMAN R C & ASSOCIATES (17823)	
	DUSABLON SUZI (17915)	
	W 178TH	B&G Publications
	METRO MINERALS (1447)	
	STEREO TAPE CLUB OF AMERICA (1480)	
	BEE CHEMICAL CO (1500)	
	EMCO METAL FINISHING DIV OF BEE CHEMICAL CO (1500)	
	GILMORE & NOLAN DIV OF BEE CHEMICAL CO (1500)	
	DURKEE TESTING LABS METL & PLASTCS (1520)	
	BRUCE INDUSTRIES INC AIRCRFT LIGHTNG (1528)	
1972	Address Not Listed in Research Source	R. L. Polk & Co.
1975	**W 17TH PL**	Pacific Telephone
	BRUCE INDUSTRIES INC AIRCRFT LIGHTNG (1528)	
	S DENKER AVE	Pacific Telephone
	NIKOBAR DACHSHUNDS (17815)	
	W 179TH ST	Pacific Telephone
	GARDENA-TORRANCE SOUTHERN BAPTIST CHURCH (1457)	
	AIKIDO YOSHINKAL OF CALIF (1457)	

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	(continued)	
	NOMURA GREG Y (1464)	
	COTTER DANA (1464)	
	ALLEN JAS E (1473)	
	MORITA TOICHIRO (1476)	
	GALLEGOS CLAUDIO (1481)	
	GARCIA M J (1481)	
	NAKANISHI RAY (1481)	
	CHASE C D JR (1482)	
	MCKENZIE LYLE K (1485)	
	MASHBURN RAYMOND JR (1491)	
	<u>**DENKER AVE**</u>	Pacific Telephone
	GUY S AUTO REPAIR (17805)	
	MARLORAIN-SCOTTIES (17819)	
	MELEKOV MARTHA PUB ACCT (17819)	
	LI-JAN SHEPHERDS (17823)	
	KEPNER MANUFACTURING COMPANY (17827)	
	KEPNER ROSS KEPNER MANUFACTURING COMPANY (17827)	
	<u>**W 178TH ST**</u>	Pacific Telephone
	BLANKENSHIP C E (1446)	
	ISHIMOTO TRADING CO (1468)	
	BEE CHEMICAL CO (1500)	
	BEE CHEMICAL (1500)	
	DUROGENIC JNC (1520)	
	DURKEE TESTING LABS METL & PLASTCS (1520)	
	BRUCE INDUSTRIES INC AIRCRFT LIGHTNG (1528)	
1976	<u>**W 179TH PL**</u>	R.L. Polk & co Publishers
	NISHIOKA THOS (1525)	
	<u>**DENKER AVE**</u>	R.L. Polk & co Publishers
	LI JAN SHEPHERDS (17823)	
	<u>**EVELYN AVE**</u>	R.L. Polk & co Publishers
	WIDMAN GEO D INC SHEET METL ERECTION (17823)	
	<u>**EVELYN ST**</u>	R.L. Polk & co Publishers
	UYEDA JIMMIE N (17910)	
	<u>**W 178TH ST**</u>	R.L. Polk & co Publishers
	ISHIMOTO TRADING CO (1468)	
	TIME ZERO LABORATORIES OF BALL BROTHERS RESEARCH CORP (1488)	
	BEE CHEMICAL CO (1500)	
	DURKEE TESTING LABS METL & PLASTCS (1520)	
	BRUCE INDUSTRIES INC AIRCRFT LIGHTNG (1528)	
1980	<u>**W 179TH ST**</u>	Pacific Telephone

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	(continued)	
	GARDENA TORRANCE SOUTHERN BAPTIST CHURCH (1457)	
	GIFFIN KAI (1464)	
	ALLEN JAS E (1473)	
	MORITA TOICHIRO (1476)	
	GRAHAM DENNIS (1481)	
	BIERE C GARDENA (1481)	
	DENKER AVE	Pacific Telephone
	NIKOBAR DACHSHUNDS (17815)	
	ART NUNNALLY (17823)	
	LI-JAN KENNELS GARDENA (17823)	
	KEPNER MANUFACTURING COMPANY (17827)	
	KEPNER ROSS KEPNER MANUFACTURING COMPANY (17827)	
	W 178TH ST	Pacific Telephone
	KENCOR SPORTS INC (1444)	
	MACHLETT LABORATORIES (1448)	
	CUTTERS UNLIMITED CO (1468)	
	ISHIMOTO TRADING CO (1472)	
	BALL AEROSPACE SYSTEMS DIVISION WESTERN LABORATORIES (1488)	
	BEE CHEMICAL (1500)	
	BEE CHEMICAL CO (1500)	
	DURKEE TESTING LABS MATL A PLASTCS (1520)	
	DUROGENIC INC (1520)	
	BRUCE INDUSTRIES INC AIRCRFT LIGHTNG (1528)	
1981	**W 179TH PL**	Pacific Telephone
	ISOBE DAVID GARDENA (1537)	
	DENKER AVE	Pacific Telephone
	LI-JAN SHEPHERDS GARDENA (17823)	
	EVELYN AVE	Pacific Telephone
	WIDMAN GEO D INC SHEET METL ERECTION GARDENA (17823)	
	UYEDA JIMMIE N GARDENA (17910)	
	W 178TH	Pacific Telephone
	ISHIMOTO TRADING CO GARDENA (1472)	
	BEE CHEMICAL CO GARDENA (1500)	
	DURKEE TESTING LABS METL & PLASTCS GARDENA (1520)	
	BRUCE INDUSTRIES INC AIRCRFT LIGHTING GARDENA (1528)	
1985	**W 179TH ST**	Pacific Bell
	L A CRENSHAW BAPTIST CHURCH (1457)	
	GARDENA TORRANCE SOUTHERN BAPTIST CHURCH (1457)	
	TAGUCHI SHUITSU (1464)	

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	(continued)	
	YIP GARY (1465)	
	HONDA W T (1465)	
	GRAHAM JAS H (1473)	
	TOYOMOTO CURLY (1476)	
	SHIOTA ROLAND & DEBORAH (1476)	
	LEE WM C (1481)	
	GRAHAM DENNIS (1481)	
	MURAKAMI LESLIE (1481)	
	LEEUVEN MARGARET VAN (1481)	
	REAMES P C (1482)	
	<u>**DENKER AVE**</u>	Pacific Bell
	NIKOBAR DACHSHUNDS (17815)	
	JOHNSTON JOSEPH R (17819)	
	LI JAN KENNELS (17823)	
	THREE BEARS PET SUPPLIES (17823)	
	KEPNER ROSS KEPNER MANUFACTURING COMPANY (17827)	
	KEPNER MARLOWE (17827)	
	KEPNER MANUFACTURING COMPANY (17827)	
	<u>**W 178TH ST**</u>	Pacific Bell
	ROYAL HOUSEHOLD PRODUCTS INC (1444)	
	S & T TRADERS (1446)	
	RAYTHEON CO (1448)	
	MACHIETT LABORATORIES (1448)	
	CENTURY FINANCIAL SERVICES INC (1468)	
	ROTARY TECHNOLOGIES CORP (1468)	
	ISHIMOTO TRADING CO (1472)	
	POWER COMPONENTS (1480)	
	VANGUARD ELECTRONICS CO (1480)	
	BEE CHEMICAL CO (1500)	
	BEE CHEMICAL (1500)	
	DURKEE TESTING LABS MELT & PLASTCS (1520)	
	DUROGENIC INC GARDENA (1520)	
1986	<u>**EVELYN AVE**</u>	Pacific Bell
	WIDMAN GEO D INC SHEET METL ERECTION GARDENA (17823)	
	GARDENA METAL PARTS GARDENA (17833)	
	UYEDA JIMMIE N GARDENA (17910)	
	NITAKE ALAN GARDENA (17928)	
	<u>**W 178TH**</u>	Pacific Bell
	ISHIMOTO TRADING CO GARDENS (1472)	
	DURKE TESTING LABS METL & PLASTCS GARDENA (1520)	
1990	<u>**W 179TH PL**</u>	Pacific Bell

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990 (continued)	ISOBE DAVID GARDENA (1537)	
	<u>**W 179TH**</u>	Pacific Bell
	COLEMAN KELLEY (1538)	
	<u>**DENKER AVE**</u>	Pacific Bell
	LI-JAN SHEPHERDS GARDENA (17823)	
	<u>**EVELYN AVE**</u>	Pacific Bell
	WIDMAN GEO D INC SHEET METL ERECTION GARDENA (17823)	
	GARDENA METAL PARTS GARDENA (17833)	
	<u>**W 178TH**</u>	Pacific Bell
	ISHIMOTO TRADING CO GARDENA (1472)	
	BEE CHEMICAL CO GARDENA (1500)	
	<u>**179TH PL W**</u>	Pacific Bell
	EYLES REGINALD H (1507)	
	BREWER DAN (1507)	
	KAMIYA JAS S (1513)	
	CHOI DANIEL Y (1519)	
	ISOBE DAVID (1537)	
	KAWASAKI HAROLD (1548)	
	<u>**179TH W**</u>	Pacific Bell
	GARDENA-TORRANCE SOUTHERN BAPTIST JAPANESE (1457)	
	L A CRENSHAW BAPTIST CHURCH (1457)	
	GARDENA-TORRANCE SOUTHERN BAPTIST CHURCH (1457)	
	A MATSUOKA CHIAKI (1464)	
	(1464)	
	(1465)	
	(1476)	
	(1481)	
	REAMES P C (1482)	
	(1485)	
	<u>**DENKER AVE**</u>	Pacific Bell
	NIKOBAR DACHSHUNDS (17815)	
	BILICICH S (17819)	
	COZY PET INN (17819)	
	YAMASHIRO DENNIS (17823)	
	KELCLAD INC (17824)	
	KIRCHIN TOOLS (17827)	
	<u>**EVELYN AVE**</u>	Pacific Bell
	SHIMANUKI SHOICH (17820)	
	SHIMANUKI SHOICHI (17820)	
	WIDMAN GEO D INC (17823)	

Year Uses

Source

1990 (continued)

MAK TOOL & DIE (17823)
KWAN SHU KEE (17826)
GAWLOWSKI PAUL T (17832)
GARDENA METAL PARTS (17833)
SPRAY MASK DESIGN & SUPPLY (17903)
2 LEE KYONG (17907)
3 KOYANAGI ERIC (17907)
(17907)
UYEDA JIMMIE N (17910)
A KOH HYUN (17917)
(17917)
NODA WATSON K (17918)
IWAMASA YOSHIO (17924)
CHO NAM JEE (17929)

****178TH W****

Pacific Bell

ROYAL HOUSEHOLD PRODUCTS INC (1442)
FLORAL WORLD (1444)
COASTLINE GEO TECHNICAL CONSULTANTS INC (1446)
RUSTY & SONS INSTALLATIONS (1448)
CENTURY FINANCIAL SERVICES INC (1468)
ROTARY TECHNOLOGIES CORP (1468)
ISHIMOTO TRADING CO (1472)
QBK INC (1472)
VANGUARD ELECTRONICS CO (1480)
POWER COMPONENTS (1480)
BEE CHEMICAL (1500)
BEE CHEMICAL CO (1500)
MORTON POWDER COATING (1500)
SERVICE WAREHOUSE THE (1520)
COX DIE CASTING CO (1528)

1991 Address Not Listed in Research Source

Pacific Bell

1995 ****W 179TH PL****

Pacific Bell Telephone

EYLES KATHERINE GARDENA (1507)
EYLES REGINALD H GARDENA (1507)
BREWER DAN GARDENA (1507)
HENDERSON RONALD GARDENA (1512)
KAMIYA JAS S GARDENA (1513)

****W 179TH****

Pacific Bell Telephone

GRAHAM DENNIS GARDENA (1481)
TAE CHIN LEE GARDENA (1481)
REAMES P C GARDENA (1482)

Year Uses

Source

1995 (continued)

GARCIA A J GARDENA (1485)

****DENKER AVE****

Pacific Bell Telephone

NIKOBAR DACHSHUNDS GARDENA (17815)

MARILEE S KENNELS GARDENA (17819)

COZY PET INN GARDENA (17819)

KIRCHIN TOOLS GARDENA (17827)

****EVELYN AVE****

Pacific Bell Telephone

KWAN SHU KEE (17826)

GARDENA METAL PARTS (17833)

MINAMI CUSTOM WOOD CRAFT GARDENA (17903)

SUNG NAKMIN GARDENA (17907)

KWON OH GEUN (17917)

****W 178TH****

Pacific Bell Telephone

QBK INC GARDENA (1472)

VANGUARD ELECTRONICS CO GARDENA (1480)

POWER COMPONENTS GARDENA (1480)

COX DIE CASTING CO GARDENA (1528)

****W 179TH PL****

Pacific Bell Telephone

EYLES REGINALD H (1507)

EYLES KATHERINE (1507)

BREWER DAN (1507)

HENDERSON RONALD (1512)

KAMIYA JAS S (1513)

CHOI DANIEL Y (1519)

KAWASAKI HAROLD (1548)

****W 179TH ST****

Pacific Bell Telephone

GARDENA TORRANCERANCE SOUTHERN BAPTIST JAPANESE MISSION (1457)

L A CRENSHAW BAPTIST CHURCH (1457)

GARDENA TORRANCERANCE SOUTHERN BAPTIST CHURCH (1457)

PODOWON BAPTIST CHURCH (1457)

FUKUI TAISHI (1464)

MATSUOKA CHIAKI (1464)

URATA DOUGLAS (1465)

HAMA MARK (1465)

GRAHAM DENNIS (1481)

CHAN KUI LUNG (1481)

TAE CHIN LEE (1481)

REAMES P C (1482)

GARCIA A J (1485)

****DENKER AVE****

Pacific Bell Telephone

Year Uses

Source

1995 (continued)

NIKOBAR DACHSHUNDS (17815)

MARILEES KENNELS (17819)

COZY PET INN (17819)

KIRCHIN TOOLS (17827)

****EVELYN AVE****

Pacific Bell Telephone

SHIMANUKI SHOICHI (17820)

LIMM JONATHAN (17826)

KWAN SHU KEE (17826)

GARDENA METAL PARTS (17833)

MINAMI CUSTOM WOOD CRAFT (17903)

SUNG NAKMIN (17907)

KOYAMA TOSH (17907)

MILLER DALE & HEATHER (17907)

KWON OH GEUN (17917)

NODA WATSON K (17918)

****W 178TH ST****

Pacific Bell Telephone

ROYAL HOUSEHOLD PRODUCTS INC (1442)

OSAGAWASE U S A (1444)

OSAGAWASE U S A (1444)

COASTLINE GEOTECHNICAL CONSULTANTS INC (1446)

DELUXE PRINTING SPE (1448)

ROTARY TECHNOLOGIES CORP (1468)

CENTURY FINANCIAL SERVICES INC (1468)

ISHIMOTO TRADING CO (1472)

QBK INC (1472)

POWER COMPONENTS (1480)

VANGUARD ELECTRONICS CO (1480)

SERVICE WAREHOUSE THE (1520)

DISCOUNT BOXING SUPPLIES (1524)

COX DIE CASTING CO (1528)

****W 178TH****

Pacific Bell Telephone

ISHIMOTO TRADING CO GARDENA (1472)

MORTON INTERNATIONAL GARDENA (1500)

****W 179TH PL****

Pacific Bell Telephone

ISOBE DAVID GARDENA (1537)

****179TH PL W****

Pacific Bell Telephone

EYLES REGINALD H (1507)

HENDERSON RONALD (1512)

KAMIYA JAS S (1513)

CHOI DANIEL Y (1519)

ISOBE DAVID (1537)

KAWASAKI HAROLD (1548)

Year Uses

1995 (continued)

****179TH W****

PODOWON BAPTIST CHURCH (1457)
GARDENA-TORRANCE SOUTHERN BAPTIST JAPANESE (1457)
GARDENA-TORRANCE SOUTHERN BAPTIST CHURCH (1457)
L A CRENSHAW BAPTIST CHURCH (1457)
A MATSUOKA CHIAKI (1464)
(1464)
(1465)
(1481)
REAMES P C (1482)

Source

Pacific Bell Telephone

****DENKER AVE S****

NIKOBAR DACHSHUNDS (17815)
KIRCHIN TOOLS (17827)

Pacific Bell Telephone

****EVELYN AVE****

SHIMANUKI SHOICHI (17820)
KWAN SHU KEE (17826)
HERRERA CECILIA (17832)
GARDENA METAL PARTS (17833)
MINAMI CUSTOM WOOD CRAFT (17903)
1 MILLER DALE & HEATHER (17907)
2 KOYAMA TOSH (17907)
(17907)
B KOOK JI (17917)
(17917)
NODA WATSON K (17918)

Pacific Bell Telephone

****178TH W****

ROYAL HOUSEHOLD PRODUCTS INC (1442)
LIGHTHOUSE (1444)
OSAGAWASE U S A (1444)
LIGHTHOUSE TRAVEL INC (1444)
COASTLINE GEO TECHNICAL CONSULTANTS INC (1446)
GALLOP (1447)
YANG IN SUNG (1447)
DELUXE PRINTING SPE (1448)
HE ZAI XIN (1462)
BANNER GRAPHICS (1467)
J C UNITEC (1467)
TAIKO ENTERPRISE CORP (1467)
FULL FORCE GRAFFICS (1467)
A LUMIN INC (1468)
STANDARD PACKAGING CORP (1468)
(1468)

Pacific Bell Telephone

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	(continued)	
	KANGIISOY (17907)	
	XXXX (17909)	
	XXXX (17915)	
	NODAWATSON K (17918)	
	XXXX (17919)	
	LOESENERK (17920)	
	OANGELESEML 00 B (17924)	
	SEBATADUANE (17928)	
	KAWAHARAMASARU M (17929)	
	W 178TH ST	Haines & Company, Inc.
	AKTUSAINC (1442)	
	LIGHTHOUSE (1444)	
	ASIA AMERICA (1446)	
	COASTLINE (1446)	
	GREENWEST (1447)	
	DELUXE PRINTING (1448)	
	LIUAN (1460)	
	YAMAGUCHI (1462)	
	XXXX (1464)	
	ACEGROUPINC (1467)	
	OLT UAN (1468)	
	XXXX (1472)	
	ACROMEDIASYSTEMS (1480)	
	CSTRANSLINE (1487)	
	XXXX (1488)	
	XXXX (1500)	
	MATSUIINTLCOINC (1501)	
	ROGER (1520)	
	KWASHINC (1524)	
2003	Address Not Listed in Research Source	Haines & Company
2004	Address Not Listed in Research Source	Haines Company
2006	Address Not Listed in Research Source	Haines Company, Inc.

APPENDIX E
PUBLIC AGENCY RECORDS / OTHER DOCUMENTS



Primary Owner: JMA LOGISTICS INC

Secondary Owner:

Mail Address: PO BOX 326
GARDENA CA 90248

Site Address: 1515 W 178TH ST
GARDENA CA 90248

County: LOS ANGELES

Assessor Parcel Number: 6106-013-040

Housing Tract Number: 26220

Lot Number:

Page Grid: 763-J1

Legal Description: Tract No: 26220 Abbreviated Description:
CITY:REGION/CLUSTER: 26/26815 TR#:26220
TRACT NO 26220 LOTS 8, 9, 10 AND LOT 11
City/Muni/Twp: REGION/CLUSTER: 26/26815

Property Characteristics

Bedrooms : Year Built : 1961 Square Feet : 95,090 SF
Bathrooms : Garage : Lot Size : 4.5 AC
Total Rooms : Fireplace : Number of Units : 0
Zoning : GAM2 Pool : Use Code : Heavy Manufacturing
No of Stories : 1
Building Style :

Sale Information

Transfer Seller : ROSENBLATT, GARY CHARLES; ROSENBLATT, DAVID
Date : 10/16/2007 LAWRENCE
Transfer Value : N/A Document # : 07-2357100 Cost/Sq Feet : N/A
Title Company : CHICAGO TITLE CO

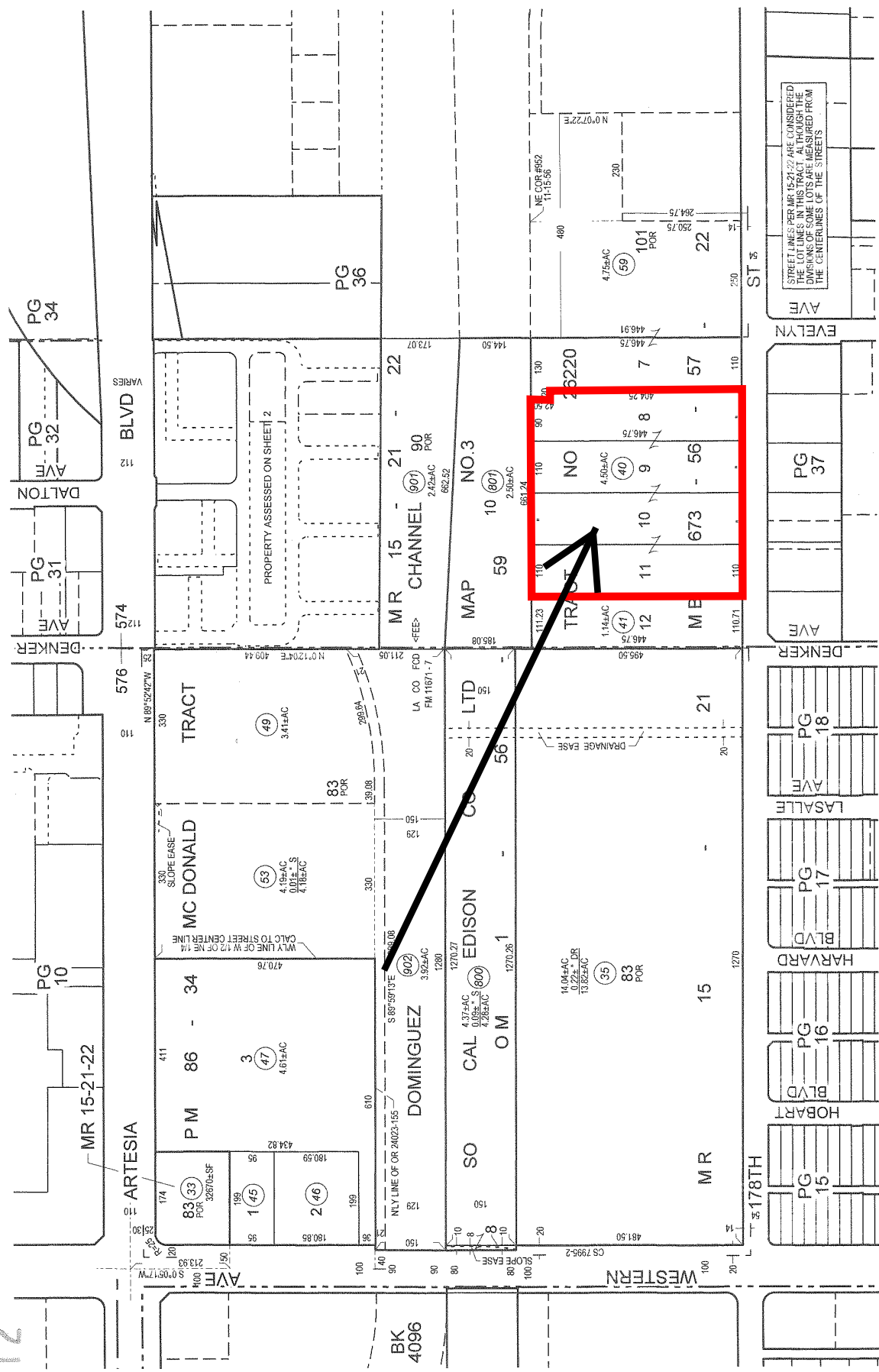
Assessment & Tax Information

Assessed Value : \$7,125,451 Percent Improvement : 32.37% Homeowner Exemption :
Land Value : \$4,818,651 Tax Amount : \$93,325.50 Tax Rate Area : 0-574
Improvement Value : \$2,306,800 Tax Account ID : 2007
Market Improvement Value : Market Land Value : Market Value :
Tax Year : 2011

2012



MAPPING AND GIS SERVICES SCALE 1" = 200'



STREET LINES PER MR 15-21-22 ARE CONSIDERED THE LOT LINES IN THIS TRACT (ALSO SEE THE EXHIBIT ATTACHED TO THIS MAP) UNLESS OTHERWISE NOTED FROM THE CENTER LINES OF THE STREETS

005085-005277 (2B)

05-17-2007 11:05 From-

T-359 P.002/002 F-151



COUNTY OF LOS ANGELES
FIRE DEPARTMENT

P. MICHAEL FREEMAN
FIRE CHIEF
FORESTER & FIRE WARDEN

Refer reply to
Health Hazardous Materials Division
5825 Rickenbacker Rd.
Compton CA 90040-302

May 17, 2007

Alex Rosenblatt
339 N. Palm Drive, #404
Beverly Hills, CA 90210

*OTHER
INDU*

Dear Mr. Rosenblatt:

**FORMER GLOBE ILLUMINATION COMPANY, 1515 W. 178TH STREET
GARDENA, CALIFORNIA 90248; SMU #05-639/RO0000148**

This Department has completed a review of the report entitled, "Soil and Soil Gas Investigation Report - Distribution Warehouse, 1515 West 178th Street, Gardena, Los Angeles County, California," dated April 3, 2007, submitted by your consultant, Terracon.

Based on information provided in the report and with the provision that the information was accurate and representative of existing conditions, we concur with your consultant that the known site contamination has been satisfactorily mitigated for the current use or other commercial/industrial uses. The Site Mitigation Unit of this Department has no further requirement or restriction relating to this site at this time.

This letter, however, does not relieve you of any liability under the California Health and Safety Code, the State Water Code, or other applicable laws and regulations for past, present or future operations at this site. Nor does it relieve you of responsibility for any additional or unidentified conditions at the site which could threaten public health or the environment.

If you have any questions, please feel free to call Richard Clark at (323) 890-4027.

Very truly yours,

Shahin Nourishad
SHAHIN NOURISHAD, SUPERVISOR
SITE MITIGATION UNIT
HEALTH HAZARDOUS MATERIALS DIVISION

SN:rc

C: J. Breaner, Terracon

7547757

Terracon

3188 F Airway Avenue
Coala Mesa, CA 92026
714-444-2322; fax: 714-444-2110

April 3, 2007

Mr. Richard Clark
Los Angeles County Fire Department
Health Hazardous Materials Division
Site Mitigation Unit
5825 Rickenbacker Rd.
Commerce, CA 90040-3027

Re: Soil and Soil Gas Investigation Report
Distribution Warehouse
1515 W. 178th St.
Gardena, CA 90248
LACFD SMU #05-639/RO0000148

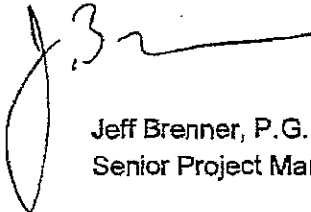
Dear Mr. Clark:

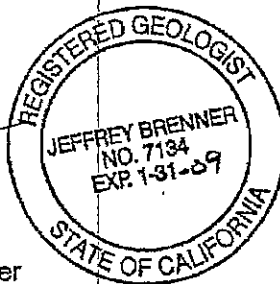
Terracon is pleased to submit this Soil and Soil Gas Investigation Report for the above referenced site. Terracon performed the activities between March 7 and March 9, 2007 in general accordance with the Soil and Soil Gas Investigation Work Plan dated February 12, 2007 and approved by the LACFD. The soil and soil gas investigation was completed to collect additional site characterization data for risk assessment purposes as requested by the LACFD in your letter dated February 22, 2007.

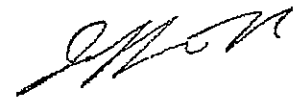
Please contact me at 949-660-9718 x322 if you have any questions regarding this document.

Sincerely,

Terracon


Jeff Brenner, P.G.
Senior Project Manager




Jeff Oslick, Ph.D., P.G.
Environmental Department Manager



Distribution Warehouse
 1515 W. 178th Street
 Gardena, Los Angeles County, California
 Terracon Project No. 60068192

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Table 1	Summary of Soil Analytical Results for Metals
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Table 3	Summary of Soil Vapor Analytical Results for VOCs (EPA 8260B)
Table 4	Summary of Soil Vapor Analytical Results for VOCs (EPA TO-15)

FIGURES

FIGURES

Figure 1	Site Vicinity Map
Figure 2	Site Diagram
Figure 3	Site Diagram with Sample Locations

APPENDICES

Appendix A	Soil Boring Logs
Appendix B	Calscience Environmental Laboratories Analytical Reports and Chain of Custody Records
Appendix C	H & P Mobile Geochemistry Laboratories Analytical Reports and Chain of Custody Records

**Distribution Warehouse
1515 W. 178th Street
Gardena, Los Angeles County, California
Terracon Project No. 60068192**

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) was contracted to perform a limited subsurface investigation (LSI) involving soil and soil gas sampling at the subject site. The soil and soil vapor sampling activities described in this report were performed on March 7, 2007 through March 9, 2007.

This LSI was performed to collect site characterization data, including soil and soil vapor samples, necessary to obtain site closure. A previous environmental site assessment was conducted in 2004 to investigate potential soil and groundwater impacts beneath the subject property, the results of which were submitted in a formal report to the Los Angeles County Fire Department (LACFD) for review. In a letter dated February 16, 2005, the LACFD responded to the previous investigation by indicating that additional soil and soil vapor sampling would be necessary to evaluate the potential for site closure.

1.1 Site Description

Site Name	Distribution Warehouse (99-Cent Store)
Site Location/Address	1515 W. 178 th St., Gardena, CA 90248
General Site Description	Warehouse and distribution operations

The site is located at 1515 West 178th Street, Gardena, California. It consists of approximately 5.7 acres of land zoned for mixed industrial, commercial, and residential use. Structures on the site include an approximately 95,000-square foot (SF) single-story office/warehouse building currently occupied by commercial goods distributors for warehousing and distribution use. The remainder of the site includes a storage yard, parking areas with concrete and asphalt pavement, and limited landscaped grounds.

The location of the site is indicated on Figure 1, including the general topography of the area around the facility based on portions of the USGS topographic quadrangle map that contains Gardena. The general configuration of the site, including the surrounding properties is provided in Figure 2.

1.2 Scope of Work

Based on the information obtained in the previous investigations at the site, additional site characterization (ASC) for heavy metals and pesticides in soil at the site was requested by the LACFD Site Mitigation Unit (SMU). The LACFD also requested a soil vapor survey for volatile organic compounds (VOCs) to evaluate the site for potential closure.

Soil and Soil Gas Investigation Report
1515 W. 178th Street
Terracon Project No. 60068192
April 3, 2007

In order to address these concerns, a "Draft Work Plan for Soil and Soil Gas Investigation" (Draft Work Plan) was prepared by Terracon and submitted to the LACFD on January 2, 2007. Upon receiving the LACFD comment to the Draft Work Plan, Terracon revised the proposed sampling approach and prepared a Letter Addendum to the Draft Work Plan that was submitted to the agency on February 12, 2007. In a letter dated February 22, 2007, the LACFD provided approval to implement the Work Plan and complete the investigation as proposed.

The soil and soil gas investigation activities described in this report were performed in general accordance with the procedures outlined in the "Draft Work Plan for Soil and Soil Gas Investigation" (Draft Work Plan, January 2, 2007) and "Letter Addendum to the Draft Work Plan" (February 12, 2007) approved by the LACFD on February 22, 2007. Deviations from the approved Work Plan are described in the text of the report. The objective of this investigation was to assess and delineate the possible presence of chlorinated VOCs in the soil gas beneath the site, to evaluate the potential for pesticides to exist in the soils beneath the site, and to delineate the presence of metals in the subsurface soils. Descriptions of the field activities, laboratory reporting, findings, and conclusions and recommendations associated with this investigation are provided in the sections that follow.

1.3 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either expressed or implied, regarding the findings, conclusions or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report. These services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal and LACFD approved Work Plan. Deviations from the approved Work Plan are noted in the text of this report.

1.4 Additional Scope Limitations

Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable or not present during these services, and Terracon cannot warrant that the site does not contain hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified as part of this investigation. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data,

Soil and Soil Gas Investigation Report
1515 W. 178th Street
Terracon Project No. 60068192
April 3, 2007

interpretations, findings, and recommendations provided herein are based solely upon information obtained during the execution of this limited subsurface investigation.

1.5 Reliance

This Soil and Soil Gas Investigation Report has been prepared for the exclusive use and reliance of Mr. Alex Rosenblatt and government agencies with regulatory authority over the site. Use or reliance by any other party is prohibited without the written authorization of Mr. Rosenblatt, and Terracon.

2.0 DRILLING AND SUBSURFACE EXPLORATION/SAMPLING PROGRAM

The field activities described in the following subsections were performed between March 7, 2007 and March 9, 2007.

2.1 Surface Preparation

The concrete floor of the inside of the building and in the surrounding parking lot was thin enough that concrete coring was not required. No special surface preparation was required to perform the soil and soil gas sampling.

2.2 Soil Gas Probe Installation and Sample Collection

Twenty (20) soil borings, B-1 through B-20, were advanced to approximately fifteen (15) feet below ground surface (bgs) with a direct-push (DPT) drilling/sampling rig. The borings were located in a grid pattern based on a lateral spacing of approximately 100 feet between east/west and north/south grid lines, in accordance with the approach outlined in the approved Letter Addendum to the Draft Work Plan. The actual locations for some of the borings were moved slightly to avoid surface structures, obstructions, or underground utilities. The final locations for each of the borings are illustrated on Figure 3.

During the advancement of each soil boring, a continuous section of soil core was collected in clear acetate liners within the direct-push sampling probe and brought to the surface for visual examination, lithologic characterization, and analytical sampling by the Terracon field geologist. All observations and descriptions of soil characteristics were recorded on boring log forms by the Terracon geologist in the field. Copies of the boring logs are provided in Appendix A.

Samples for metals and pesticide analyses were collected by placing soil recovered from approximately 6-inches bgs at twelve (12) boring locations (see Figure 3) into pre-cleaned 8-oz glass jars. The soil samples were then labeled, packaged, and placed on ice for delivery to the

Soil and Soil Gas Investigation Report
1515 W. 178th Street
Terracon Project No. 60068192
April 3, 2007

analytical laboratory. Additional information regarding soil sampling is provided in Section 4.1 below.

Upon reaching the target depth of 15 feet bgs, soil vapor probes were constructed at 5 and 15 feet bgs. Each soil vapor probe was constructed with a stainless steel probe tip attached to small diameter Teflon tubing. The deep soil vapor probe was constructed by placing the probe tip and tubing at the bottom of the borehole (15 feet bgs) inside the hollow drive tubing and adding approximately 1 foot of clean sand in the annular space above the probe tip. The sampling zone was then sealed by placing several feet of bentonite in the borehole above the sand and hydrating. The remaining annular space was then backfilled with more bentonite to approximately 5.5 feet bgs. Another 6 inches of clean sand was then added to the borehole, the shallow soil vapor probe was installed at approximately 5 feet bgs, and another 6 inches of clean sand was added on top of the probe. The remaining annular space above the top probe was sealed with bentonite and hydrated.

Following construction of temporary soil gas probes, a stabilization period of at least 30 minutes was observed prior to purging the probes for sampling. Soil gas samples were collected in pre-cleaned syringes and analyzed on-site for VOCs by EPA Method 8260B using H & P Mobile Geochemistry, Inc., a State of California certified mobile laboratory based in Carlsbad, California. Four duplicate soil gas samples, from B-1, B-4, B-7, and B-15, were collected using Summa canisters and analyzed at H & P Mobile Geochemistry's fixed laboratory facility.

In accordance with Department of Toxic Substance Control "Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air" (DTSC, 2005), prior to soil gas sampling, the surface was sealed to prevent ambient air intrusion, leak tests were conducted using a tracer gas (1,1-Difluoroethane) and analyses were conducted on the first soil gas boring to determine the optimal purge volume for sampling. Samples were purged at low-flow rates of less than approximately 200 milliliters per minute, as measured using a calibrated pump.

Upon completion of each soil gas sample, the probe tubing was removed from the boring, the boring was backfilled to the bottom of the concrete slab with hydrated bentonite, and the concrete slab was patched to approximately match existing floor condition.

2.3 Decontamination

All down hole drilling equipment was decontaminated before drilling the first boring and between each subsequent boring. Decontamination included the use of a steam cleaner for all stainless steel samplers and push rods. New downhole equipment, including acetate liners, tubing and particle filters, were used for collecting samples to minimize the potential for cross-contamination of samples.

2.4 Sample Handling and Logging

Samples were handled and processed at all times by personnel wearing clean nitrile gloves to minimize the potential for inadvertent cross-contamination of samples. Soil samples were immediately labeled and placed on ice in a cooler following sample collection. Soil gas samples were immediately placed in the mobile laboratory for analysis. Clean syringes and summa canisters were used for soil gas collection; care was taken at all times during the sample collection process (prior to analysis) to prevent sunlight or heat from altering the sampled gases.

All soil and soil vapor samples were logged on a chain-of-custody record and handled under chain of custody protocols. Soil and soil vapor samples that were prepared for off site analysis were delivered to the fixed laboratory under chain-of-custody protocols at the end of each day.

2.5 Permits

Dig-Alert was notified 72-hours prior to subsurface work at the site. Because the soil borings did not extend to groundwater and no permanent wells were installed, no drilling permits were required.

2.6 Health and Safety

All work was performed in modified Level D personal protective equipment (PPE) that consisted of hard hats, safety glasses, protective gloves, and steel-toed boots. Level D PPE was required for all personnel in the work area. The tasks performed for this limited subsurface investigation were also performed in accordance with the safety protocols outlined in the Site-Specific Health and Safety Plan that was prepared for this project and implemented by all field and project management personnel.

3.0 LABORATORY ANALYTICAL PROGRAM

3.1 Request for Analyses

The following table includes the analytical methods used for this project.

Analysis	Sample Type	EPA Method
VOCs	Soil Vapor	8260B/TO-15
Title 22 Metals	Soil	6010B/7471A
Pesticides	Soil	8081A

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1515 W. 178th Street
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April 3, 2007

A total of forty (40) soil vapor samples were analyzed by EPA Method 8260B on-site using a mobile laboratory (H & P Mobile Geochemistry). Four (4) additional soil vapor samples were collected in summa canisters and sent to the H & P Mobile Geochemistry's fixed laboratory for VOC analysis by EPA Method TO-15 (H & P Geochemistry). A total of twelve (12) soil samples were collected and transported to Calscience Environmental Laboratory for analyses for metals (EPA Method 6010B/7000) and pesticides (EPA Method 8081A).

4.0 ANALYTICAL RESULTS

4.1 Soil Samples

Soil samples were collected from approximately six (6)-inches below ground surface (bgs) at twelve (12) of the twenty (20) soil borings (B-1 through B-20) completed during this investigation. Ten (10) of the soil samples collected from 6-inches bgs were analyzed for Title 22 metals, three were analyzed for pesticides. The locations of the soil samples were selected to coincide with areas where potential impacts to soil might be expected based on past operations at the site and are indicated on Figure 3. A summary of the analytical results for the samples are provided in Table 1, copies of the analytical laboratory report is provided in Appendix B.

Also included in Table 1 are the California Human Health Screening Levels (CHHSLs; California Environmental Protection Agency, January 2005) and federal Preliminary Remediation Goals (PRGs; US EPA, December 2004) for commercial and residential land use. These screening levels are used to provide comparison to analytical data from the site to evaluate the potential for environmental concerns but do not constitute regulatory action levels. For a given compound, the most restrictive of the federal or state screening levels will be used for comparison to the analytical results.

Of the seventeen different metals analyzed, antimony, cadmium, selenium, silver, and thallium were not detected in concentrations at or above their respective reporting limits for any of the samples analyzed during this investigation. Based on the analytical results provided in Table 1, all of the remaining Title 22 metals, except arsenic, were reported in concentrations orders of magnitude below the most restrictive CHHSLs or PRGs for residential use.

Arsenic concentrations ranged from 2.71 to 13.1 mg/kg, although the results from nine of the ten samples were reported below approximately 4.6 mg/kg. Both the federal and state screening levels for arsenic are significantly lower than concentrations reported for the samples collected during this investigation. However, it is generally recognized that the concentration of naturally occurring arsenic is much higher in California soils than in other areas of the country, likely due to the massive volume of granitic and other intrusive igneous rock types composing the mountains and bedrock in the region. As such, a concentration of approximately 5 mg/kg is

Soil and Soil Gas Investigation Report
1515 W. 178th Street
Terracon Project No. 60068192
April 3, 2007

typically recognized as a reasonable background level for arsenic in soil at many locations in California.

This corresponds well with the analytical data obtained during this investigation as ninety percent of the arsenic results were reported below 5 mg/kg. The soil sample containing arsenic level at 13.1 mg/kg was collected from a location that would not be expected to be impacted by metals due to past operations and likely reflects the variation in the natural occurrence of arsenic in soil. Levels of naturally-occurring arsenic have been reported in excess of 11 mg/kg have been documented in the past.

Three (3) soil samples were collected from approximately 6-inches bgs and analyzed for pesticides during this investigation. As summarized in Table 2, the results indicate that no pesticide compounds were reported in concentrations at or above their respective reporting limits for this investigation.

4.2 Soil Vapor Samples

As described in Section 2.2, forty (40) soil vapor probes were installed in borings B-1 through B-20. In each boring, one shallow probe was installed at 5 feet bgs and another deeper probe was installed at 15 feet bgs. A total of forty-four (44) soil vapor samples were collected from the probes and analyzed for VOCs by EPA 8260B on site by the mobile laboratory. This includes one sample collected from each probe and four additional duplicate samples collected for quality assurance purposes.

The results of the soil vapor survey analysis by EPA 8260B are listed on Table 3 and copies of the analytical laboratory reports are provided in Appendix C. Also included in Table 3 are the California Human Health Screening Levels (CHHSLs; California Environmental Protection Agency, January 2005) for commercial and residential land use. These screening levels are used to provide comparison to analytical data from the site to evaluate the potential for environmental concerns but do not constitute regulatory action levels.

The results of the soil vapor screening for VOCs are summarized as follows:

- VOCs were not detected at or above their respective reporting limits in the soil vapor probes sampled from twelve (12) of the twenty (20) borings (B-3, B-5, B-6, B-8, B-9, B-12, B-13, B-14, B-16, B-17, B-18, and B-19).
- VOCs were not detected in any of the soil vapor probes sampled beneath the warehouse building, except for B-7, where PCE was reported in a concentration of 300 $\mu\text{g}/\text{m}^3$ in the sample collected from the 5 foot bgs probe. This result (300 $\mu\text{g}/\text{m}^3$) exceeds the residential CHHSL (180 $\mu\text{g}/\text{m}^3$), but is well below the industrial CHHSL (603 $\mu\text{g}/\text{m}^3$).

Soil and Soil Gas Investigation Report
1515 W. 178th Street
Terracon Project No. 60068192
April 3, 2007

- Chlorinated hydrocarbons (1,1-DCE and Freon 113) were detected in soil vapor probes at B-1, B-2, and B-10 located in the northwest corner of the property.
 - 1,1-DCE was reported in concentrations of 2,800 $\mu\text{g}/\text{m}^3$ and 3,300 $\mu\text{g}/\text{m}^3$ in the samples collected from the 5 foot and 15 foot bgs probes at B-1, respectively. A concentration of 3,000 $\mu\text{g}/\text{m}^3$ of 1,1-DCE was also reported in the duplicate soil vapor sample collected from the 5 foot bgs probe at B-1. At the time of this report, a CHSSL for 1,1-DCE has not been established.
 - Freon 113 was reported in the soil vapor samples collected from the shallow probe at B-1 (900 $\mu\text{g}/\text{m}^3$), and in the deeper probes at B-1 (700 $\mu\text{g}/\text{m}^3$), B-2 (500 $\mu\text{g}/\text{m}^3$), and B-10 (600 $\mu\text{g}/\text{m}^3$). At the time of this report, a CHSSL for Freon 113 has not been established.
- Chlorinated hydrocarbons (PCE and TCE) were also detected in the soil vapor probes in B-4 and B-7, located in the north central portion of the property.
 - PCE was reported at 300 $\mu\text{g}/\text{m}^3$ in the sample from the 5 foot bgs probe at B-7 (as described above) and also in the sample from the 15 foot bgs probe at B-4. These results for PCE are slightly higher than the residential CHHSL (180 $\mu\text{g}/\text{m}^3$) but lower than the industrial CHHSL (603 $\mu\text{g}/\text{m}^3$) for PCE.
 - TCE was reported in a concentration of 600 $\mu\text{g}/\text{m}^3$ for the sample from the 15 foot bgs probe at B-4. This concentration slightly exceeds the residential CHHSL (528 $\mu\text{g}/\text{m}^3$) but lies well below the industrial CHHSL (1,770 $\mu\text{g}/\text{m}^3$) for TCE.
- Benzene was detected in six (6) soil vapor samples from B-10, B-11, B-15, and B-20, located along the western and eastern margins of the property. At B-20, a benzene concentration of 200 $\mu\text{g}/\text{m}^3$ was reported for the soil vapor sample collected from the 5 foot bgs probe, a value that exceeds both the residential and industrial CHHSLs of 36.2 and 122 $\mu\text{g}/\text{m}^3$, respectively. Benzene was not detected in the soil vapor sample collected from the 15 foot bgs probe at B-20. For the remaining five (5) samples from B-10, B-11, and B-15, benzene concentrations were reported as 100 $\mu\text{g}/\text{m}^3$, higher than the residential CHHSL, but below the industrial CHHSL.

4.3 Quality Assurance / Quality Control Evaluation

Sample holding times, maintenance of required preservation (temperature, light conditions), surrogate recovery, laboratory blanks, matrix-spike/matrix-spike duplicate, and laboratory control sample/laboratory control sample duplicates were evaluated against method criteria for data acceptability. Although certain quality control criteria were identified as not meeting method standards, including matrix spike/matrix spike duplicate results for some metals compounds in soil, laboratory control sample/laboratory control sample duplicate results indicate that acceptable quality control standards for the field samples were met. Therefore, no results requiring rejection or qualification were identified in the reporting of sampling results. Detailed information regarding quality control/quality assurance for the soil samples is contained in the

Soil and Soil Gas Investigation Report
1515 W. 178th Street
Terracon Project No. 60068192
April 3, 2007

analytical laboratory report completed by Calscience Environmental Laboratory in Appendix B. Quality control results for soil vapor sampling activities are contained in the laboratory report completed by H & P Mobile Geochemistry and are provided in Appendix C.

Soil gas analyses were performed in the field by the mobile laboratory using EPA Method 8260B. For several analytes, the reporting limits for the mobile laboratory exceed those identified in the Work Plan. Therefore, it is possible that some contaminants reported as "not detected" in some samples may be present in the soil gas in concentrations below the mobile laboratory reporting limits but above the regulatory screening levels (CHSLs). However, based on the relatively low levels of contaminants detected under both the 8260B and TO-15 Methods, this deviation is considered to be of minimal impact to the overall objectives and conclusions of this investigation.

4.4 Duplicate Samples

Soil

No duplicate soil samples were collected for analysis. Natural variability of contaminants in soil precludes accurate and defensible evaluation of duplicate sample results for soil matrix samples under most naturally-occurring conditions.

Soil Gas

A total of four (4) duplicate samples of soil vapor were collected from borings B-1 (15 feet bgs), B-4 (15 feet bgs), B-7 (5 feet bgs), and B-15 (5 feet bgs). The duplicate samples were collected using Summa canisters and were taken to the H & P Mobile Geochemistry's fixed laboratory facility for analysis by EPA Method TO-15. The locations of the duplicate soil vapor samples were selected to correspond with the locations where sample results from the mobile laboratory indicated the highest concentrations of VOCs in order to minimize the possibility of evaluating duplicate data of non-detect or very low concentrations of compounds.

For each duplicate sample, the Summa canister was filled at a controlled rate of 200 milliliters per minute for approximately 26 minutes, starting at an initial vacuum of 30 pounds per square inch (psi) and ending at a final vacuum of 7 psi.

The TO-15 method is actually a modified version of the EPA Method 8260B with selective ion method (SIM) that allows for a lower detection limit as discussed Section 2.7.3 of the Department of Toxic Substances Control document "Advisory – Active Soil Gas Investigations" dated January 28, 2003. Therefore, the soil gas analytical results using the TO-15 method cannot be compared directly to the EPA 8260B method. When compared to the sample variability measured during the purge-volume test at soil vapor sample location B-11 at 5 feet bgs (H & P Mobile Geochemistry analytical report, Appendix C), which resulted in lower concentrations in the samples collected after more than 3 purge volumes, the analytical

Soil and Soil Gas Investigation Report
1515 W. 178th Street
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April 3, 2007

variability between the single-purge volume analysis at B-11 and the Summa canister duplicate samples can be largely attributed to purge volume effects. Due to the substantial difference between the results obtained by the EPA 8260B and the EPA TO-15 Methods (largely due to purge volume effects), specific relative-percent-differences (RPDs) between the methods were not determined.

Therefore, the results of the EPA TO-15 analysis were used as a means to verify the presence of VOCs identified in the field screening analysis by the mobile lab. The results of the EPA TO-15 analyses are summarized in Table 4 and the analytical laboratory reports are provided in Appendix C.

In general, the results from the EPA TO-15 method identified low levels of VOCs in the soil vapor samples that were not detected in the field screening survey. This is due to the fact that the TO-15 method is capable of achieving lower detection or reporting limits than the EPA 8260B method. However, for those compounds detected by the TO-15 method and not by the 8260B method, the reported concentrations were either below their respective CHHSLs for residential and industrial use, or no CHHSL has been established for those compounds.

Of the concentrations of PCE, TCE, and benzene reported under the TO-15 analysis, only one sample result (B-7 at 5 feet bgs, PCE = 750 $\mu\text{g}/\text{m}^3$) exceeded industrial CHHSL for PCE (603 $\mu\text{g}/\text{m}^3$). The remaining results for PCE, TCE and benzene were below their respective industrial CHHSLs.

5.0 FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS

5.1 Findings and Conclusions

The objective of this investigation was to assess the presence of VOCs, metals, and pesticides in the subsurface soil and soil vapor as a result of previous activities at the site.

Soil Samples

Soil samples were collected from approximately 6-inches bgs at twelve locations across the site (refer to Figure 3). Ten of these samples were analyzed for Title 22 metals and three were analyzed for pesticides. The results of the analyses were compared to state (CHHSLs) and federal (EPA PRGs) screening levels to evaluate the potential for environmental concerns associated with the analytes.

Based on the results, none of the metals compounds, except arsenic, were reported in concentrations at or above their respective screening levels. Through the results of numerous investigations across the state, it has been demonstrated that naturally-occurring

Soil and Soil Gas Investigation Report
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arsenic concentrations often exceed the California and Federal screening levels, often by several orders of magnitude. As such, arsenic concentrations of approximately 5 mg/kg have often been cited as naturally occurring background level for soils in southern California.

Of the ten (10) samples analyzed for metals during this investigation, the arsenic results for nine (9) of the samples were reported below approximately 4.6 mg/kg. The arsenic concentration for the tenth sample was reported as 13.1 mg/kg (B-19), which exceeds the 5 mg/kg value, but is not necessarily indicative of environmental impacts. Boring B-19 was located at the southwestern edge of the property, in the paved parking lot area, not near the former railroad spur along the northern margin of the site. It is likely that the slightly elevated arsenic result obtained from boring B-19 represents a statistical outlier or anomaly.

Because all of the metals results were reported below their respective screening or background (arsenic) levels, they are generally considered to represent natural conditions and do not reflect impacts from previous activities at the site. Based on these results, no additional investigation for metals is recommended.

In addition, the results for pesticides indicate that none of the pesticides analyzed by EPA Method 8081A were detected at or above their respective reporting limits in the three (3) soil samples submitted for that analysis. Based on these results, no additional investigation associated with pesticides is recommended at this time.

Soil Vapor Samples

The results of the soil vapor survey indicate that low levels of VOCs were detected in eight (8) of the twenty (20) sampling locations across the site. In addition, the locations where VOCs were detected generally correspond with the outer margins of the site, but are typically concentrated in the north, northwestern portion of the site. Furthermore, VOCs were not detected in any of the twelve soil vapor samples collected from beneath the warehouse facility except for one hit of PCE ($300 \mu\text{g}/\text{m}^3$) in the 5 foot bgs sample from B-7.

Chlorinated hydrocarbons 1,1-DCE and Freon 113 were detected in the soil vapor samples collected from B-1, B-2, and B-10 that are located in the far northwestern corner of the site, away from current activities at the site. At these locations, the concentrations of 1,1-DCE and Freon 113 (where detected) were typically somewhat higher in the deeper (15 foot bgs) sample than in the shallow sample (5 foot bgs). The limited presence of these constituents in the northwest corner of the site and their generally higher concentrations in the deeper sampling zones may be related to a potential off site groundwater contaminant source located to the northwest of the site.

TCE and PCE were detected in a localized area near the northern margin of the site in the samples from B-4 and B-7. However, the concentrations of these constituents were

Soil and Soil Gas Investigation Report
1515 W. 178th Street
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April 3, 2007

reported between the residential and industrial CHHSLs. Based on the localized nature and relatively low concentrations of TCE and PCE, they are not considered to represent a significant environmental impact at this time.

With respect to benzene, the analytical results indicate that it was only detected along the western and eastern margins of the site, beneath the parking lots. Five of the six samples were reported as having concentrations of $100 \mu\text{g}/\text{m}^3$ which lies between the residential and industrial CHHSL for benzene. Only one sample from 5 feet bgs in the far southwest corner of the facility (B-20) was reported as having a benzene concentration ($200 \mu\text{g}/\text{m}^3$) in excess of the industrial CHHSL for benzene ($122 \mu\text{g}/\text{m}^3$). However, the relatively low concentrations of benzene in the soil vapor and its absence in the soil vapor beneath the central portions of the site indicate that it is not considered a significant environmental impact at this time.

5.2 Recommendations

Based on the findings and results of the investigation described in this report, Terracon recommends the following:

- No additional investigation for metals is recommended;
- No additional investigation for pesticides is recommend;
- No remedial actions to address the presence of low level VOCs are recommended at this time
- Based on the results of previous environmental site assessments, investigations, remedial activities, and the results of this investigation, no further action is recommended.

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(23)

Ofo, Iheanacho

From: Ofo, Iheanacho
Sent: Tuesday, July 08, 2008 2:47 PM
To: 'Hyung Kim'
Subject: RE: 6345929 - Gardena - Open Case Issue - Site address is 1515 W. 178th St., Gardena, CA 90248

- Info only

Dear Mr. Kim:

The attached closure letter (No Further Action Letter) from you was for Clarifiers only and not related to a UST Closure for the site. Dept of Public Works – UST Section did not sign-off for any work that was done under the jurisdiction of another agency (in this case the Fire Dept), since we do not have records of USTs ever existing at the site.

Thank you,

Iheanacho Ofo
LA County DPW - EPD
Ph/Fx (626) 458-3512/3569
<<mailto:iofo@dpw.lacounty.gov>>

From: Hyung Kim [<mailto:hyungkim@sbcglobal.net>]
Sent: Tuesday, July 08, 2008 2:09 PM
To: Ofo, Iheanacho
Subject: RE: 6345929 - Gardena - Open Case Issue - Site address is 1515 W. 178th St., Gardena, CA 90248

Here you are. County of LA (PHI) did sign off on it but obviously there were some level of contamination detected at that time. If this is out of your jurisdiction, maybe those open files are not relevant to the previous corrective action after all.

Thanks for your help, Mr. Ofo. You may want to put the attached docs in your file for your reference.

Have a good day.

Hyung Kim

"Ofo, Iheanacho" <IOFO@dpw.lacounty.gov> wrote:

Open files for HMS could be for stormwater, industrial waste plating facility/ restaurants, or even USTs.
In 1991, we should have been made aware of the contamination. Referral for the cleanup would have come from this office to either DTSC or CRWQCB. It sounds like this case may need to be revisited with a view to documentation or reopening? Do you have any records from the Agencies that worked on the case?
Looking forward to hearing from you!

Thank you,
Iheanacho Ofo

LA County DPW - EPD
Ph/Fx (626) 458-3512/3569
<mailto:iofo@dpw.lacounty.gov>

From: Hyung Kim [mailto:hyungkim@sbcglobal.net]
Sent: Tuesday, July 08, 2008 8:34 AM
To: Ofo, Iheanacho
Subject: Re: 6345929 - Gardena - Open Case Issue - Site address is 1515 W. 178th St., Gardena, CA 90248

Hope you had a wonderful weekend. Thank you so much for the information, and I will contact DTSC and PHI for their records. Maybe they oversaw the previous remediation project onsite.

What are typical HMS open files for industrial wastewater? Stormwater runoff violation? Is corrective action required?

Thanks, Mr. Ofo.

from mobile office of
Hyung Kim
Principal Consultant
213-675-6716

From: "Ofo, Iheanacho" <IOFO@dpw.lacounty.gov>
Date: Tue, 8 Jul 2008 07:42:47 -0700
To: <hkim@enconsolutions.com>
Subject: RE: 6345929 - Gardena - Open Case Issue - Site address is 1515 W. 178th St., Gardena, CA 90248
Hi Mr. Kim:

Record search indicated that we never had a UST file for the subject site. There is also nothing on record showing that we were aware of the said onsite remediation conducted in 1991 due to TPH, metals, and VOC contamination from a former site occupant. All the open HMS cases are related to the Industrial Waste Unit only, in other words, no matching records found for any UST-related work.

Please help me know how else I can be of assistance to you.

Thank you,
Iheanacho Ofo
LA County DPW - EPD
Ph/Fx (626) 458-3512/3569
<mailto:iofo@dpw.lacounty.gov>

From: Hyung Kim [mailto:hkim@enconsolutions.com]
Sent: Thursday, July 03, 2008 10:33 AM
To: Ofo, Iheanacho
Subject: RE: 6345929 - Gardena - Open Case Issue - Site address is 1515 W. 178th St., Gardena, CA 90248

07/10/2008

Mr. Ofo,

Hope you are doing well and ready to get away for holiday weekend. I have some question about this particular site.

This is a 4.5-acre industrial site, developed in 1961. It is currently occupied by a trucking company. There was onsite remediation conducted in 1991 due to TPH, metals, and VOC contamination from a former site occupant.

The subject property is listed as a Los Angeles Co HMS site in the California Supplementary ASTM database. Four open files were identified in the EDR Radius Report. This was also confirmed when ODIC visited the Los Angeles County Department of Public Works (LADPW) on June 26, 2008 in an attempt to retrieve pertinent documentation pertaining to the subject property. The LADPW informed us that all four files listed under the subject property address are currently open-case, and files and cannot be reviewed.

This site is being foreclosed and there is an United States SBA loan on this.

There are four open HMS cases that we know nothing about.

Is there any way that you can check the computer screen or check with other staff in your office to see if what kind of cases these open listings are?

I'd really appreciate it. Thank you very much.

Hyung Kim
ENCON Solutions / Odic Environmental

WASTE MANAGEMENT DIVISION
 RECORD INSPECTION/COPYING REQUEST,
 DECLARATION AND RECEIPT

Waste

RECEIVED
 JUN 25 1991
 DEPARTMENT OF PUBLIC WORKS
 WASTE MANAGEMENT DIVISION

1. REQUEST:

The undersigned hereby requests documents and/or records produced for inspection and/or copying:

of Globe Illumination Company,
1515 W. 178th St., Gardena, CA 90248

I-5277-2B

2. DECLARATION:

The undersigned hereby declares that the documents or records, which are hereby requested for the purpose of inspection and/or copying, are not for use in any pending claims involving the County of Los Angeles or litigation in which the County of Los Angeles is a Party. [Government Code Sec. 6254 (b)]

Executed at Alhambra, California on June 21, 1991.

I declare that the foregoing is true and correct under penalty of perjury.

Declarant's Signature Michael Hill

Print Name Michael Hill

Print Firm Name Gallagher & Gallagher

Print Address 1 Constitution Plaza, Boston MA., 02129

Print Phone Number 617-241-8800

Employee retrieving data _____

3. PUBLIC DOCUMENT COPYING CHARGE RECEIPT

NO. OF COPIES	PRICE	DESCRIPTION	CHARGE
100	.04		4.00
1	.13	213 - 7 x 13 Squ. Ft.	.78
		MAILING FE (A01/12800-9397)	2.90
		SUB TOTAL	7.68
		(TK9-7315) TAX	.54
		LABOR (A01/12800-9397)	.68
		SERVICE CHARGE	0.00
		TOTAL	26.58

GALLAGHER AND GALLAGHER
ATTORNEYS AT LAW, P.C.
ONE CONSTITUTION PLAZA
BOSTON, MASS. 02129

(617) 241-8800

DATE: July 1, 1991

TO: David Esfandi
L.A. County Dept. of Public Works
Waste Mgt. Division

Dear Sir/Madam:

Enclosed you find a check in the amount of \$ 28.26 for:

Copies of your Files on Globe Illumination

Company

If you have any questions regarding the above information, please contact me at the number above. *Thank you for your time & assistance.*

Very truly yours,

Michael Hill

ext. 1121

enc. one ck 5-13

\$ 26.58

7/8/91

1st *Jm*

TO: Rosen Highlee FROM: Carl Sjoberg
Waste Management Division

I W BILLS REQUIRING FIELD INVESTIGATION

DATE: 2/4/91
FILE: I-05277 R/C 2B

- Bill returned by PO Permittee requests investigation
- Verify permit data Verify facility closure/removal
- Fee has NOT been paid Fees have been paid

REPORT (Report due 14 days from date above)

CONTACT PERSON:	TELEPHONE: ()	CORRECT AS BILLED	
TITLE:			yes no
FIRM NAME:			yes no
SITE ADDRESS:		yes no	
MAILING ADDRESS:	STATE ZIP		
CITY			

- BILL HAND DELIVERED _____ (date) FACILITY VACANT, OWNER UNKNOWN
- CHANGE FEE CLASS TO ____ (Justify below) REBILL FROM HQ
- FEE COLLECTED CHECK # _____ ATTACHED. NEW OWNER OR OPERATOR
- NOTICE ISSUED _____ (date) (Copy attached) OWNER UNDER INVESTIGATION
- FACILITY DEMOLISHED, CLOSURE PERMIT ISSUED _____ (date)

COMMENTS Business went into bankruptcy.
The building belongs to:
Rosenblatt Family Trust
(Alex Rosenblatt & Leonard Rosenblatt)
1349 Monaco Dr
Pacific Palisades, CA. 90272
There is a new occupant in building but all floor sinks/drains are sealed.

Vacant
RP

REPORT BY: I. AZIZ DATE 2/6/91

HQ PROCESSING

DATE RECEIVED

<input type="checkbox"/> REBILLED. DATE	FEE AMOUNT \$	PENALTY WAVED <input type="checkbox"/> YES <input type="checkbox"/> NO
COMPUTER ENTRY: <input checked="" type="checkbox"/> CEHAP 020 UPDATE	<input type="checkbox"/> TSO	<input type="checkbox"/> HP
<input type="checkbox"/> NOTICE SENT. DUE DATE		
PROCESSED BY <u>WBS</u>	DATE	

409

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

Waste Management Division

INSPECTOR'S REPORT

TO: Roger Higbee DATE: 3-5-91

FROM: I. Azir FILE: I-5277-2B

INDUSTRY: GLOBE ILLUMINATING CO.
1515 W. 178TH STR, GARDENA, CA. 90248

REPORT: _____

This company, Globe Illuminating Co, went out of business in January 1989 due to bankruptcy. This facility is currently leased to Associated Transport, Inc. There is no industrial wastewater generated by the current occupant.

The interceptor for this site could not be located. There were patches of concrete paving, surrounded by asphalt paving, in the area where the interceptor was shown in the site's floor plan. All floor drains in the building were sealed up with concrete.

Please TERMINATE the industrial waste file and remove this site from future industrial waste inspection listing.

OK



I 5200 25

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

1955 Workman Mill Road / Whittier, California
Mailing Address: / P. O. Box 4998, Whittier, California 90607-4998
Telephone: (213) 699-7411 / From Los Angeles (213) 685-5217

CHARLES W. CARRY
Chief Engineer and General Manager

March 28, 1990
File:05-00.05-00/90-1502G

Mr. Shiv Gaur
Dept. of Public Works
Waste Management Div.
900 S. Fremont Avenue
P.O. Box 1460
Alhambra, CA 91802-1460

Dear Mr. Gaur:

Industrial Wastewater Discharge Permit No. 1502

Globe Illumination
1515 W. 178th Street
Gardena, CA 90248

Effective immediately, Industrial Wastewater Discharge Permit No. 1502 is void for the following reason:

Subject company no longer occupies
situs. No new tenant yet for this facility.

Very truly yours,

Charles W. Carry

Leon S. Directo
Leon S. Directo
Supervising Civil Engineer

LSD:wh

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

Waste Management Division

INSPECTOR'S REPORT

TO: Carl Sjoberg DATE: 9-19-90

FROM: Randy McDonald FILE: I-5277-2B

INDUSTRY: Globe Illuminating Co.
1515 W. 179th ST., GARDENA

REPORT: On inspection this site is vacant.
They will be kept under area surveillance
for any change in status.

R

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

Waste Management Division

INSPECTOR'S REPORT

TO: Roger Higbee DATE: 6-14-90

FROM: Edward Calleros FILE: I-5277-2B

INDUSTRY: Globe Illuminating Company
1515 W. 178TH ST Gardena

REPORT: I inspected the facility on 6-12-90
and found that it has been vacant since
January 89 due to bankruptcy. Site will
be kept under surveillance.

TO: Randy McDonald FROM: Carl Sjoberg
Waste Management Division

BILLS RETURNED BY POST OFFICE DATE: 2/17/89
FILE: I-05277 R/C 2B

The attached []IW []HMUSP billing was returned by the post office for the reason indicated on the returned envelope. Please investigate status of this account and report below.

REPORT

CORRECT ADDRESS: FIRM *Globe Illuminating Co*
ADDRESS *1515 W. 178th St*
CITY *Gardena* STATE *CA* ZIP *90248*

- BILL HAND DELIVERED. DATE _____ REBILL FROM HQ
- FEE COLLECTED CHECK # _____ ATTACHED. FULL AMOUNT ADJUSTED
- CHANGE FEE CLASS TO _____
- FACILITY VACANT NEW BUSINESS/OCCUPANT FACILITY DEMOLISHED
- NOTICE ISSUED TO ABOVE (COPY ATTACHED) OWNER UNDER INVESTIGATION

COMMENTS
Per conversation w/ Mr. Robert Ziegler, company is not presently producing or shipping merchandise but the office, only, is open

REPORT BY: *Glenda Rousseau* DATE: *2-27-89*

HQ PROCESSING

- DATE RECEIVED _____ NOTICE SENT. DATE _____
- REBILLED. DATE _____ FEE AMOUNT \$ _____ PENALTY WAVED YES NO
- COMPUTER ENTRY: CEHAP 020 UPDATE TSO HP
- NOTICE SENT. DUE DATE _____

PROCESSED BY _____ DATE _____



GLOBE ILLUMINATION COMPANY

1515 W. 178th Street □ P.O. Box 360 □ Gardena, California 90248
213/321 9000 □ FAX: 213 515 0631

Waste

850.16

February 9, 1989

Mr. Carl Stoberg
Waste Management Division
Department of Public Works
P.O.Box 1460
Alhambra, CA 91802-1460

Gentlemen:

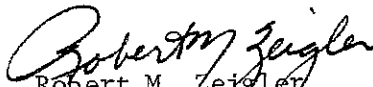
REFERENCE FILE: I-05277-2B PERMIT No. 01502

This letter is to advise you that Globe Illumination Company, 1515 West 178th Street, Gardena, CA 90248, has filed Chapter 11 Bankruptcy on January 23, 1989. Since the filing of this document, Globe Illumination is unable to pay this fee until funds are released by the court.

For further information please contact Judge Bufferred (Chapter 11 case LA89-01354-SB) at 312 North Spring Street, 9th Floor, Los Angeles, CA 90012.

Sincerely,

GLOBE ILLUMINATION COMPANY


Robert M. Zeigler
Facilities Foreman

RMZ:sm

2/14/89

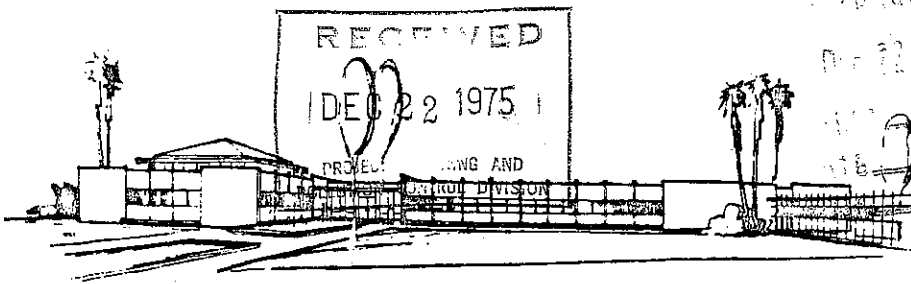
RECEIVED

FEB 15 1989

COURT CLERK'S OFFICE
LOS ANGELES COUNTY

G.M. Jim CWS

I-5277



PROPERTY ENGINEER
DEC 22 1 31 PM '75

CITY OF GARDENA

PUBLIC WORKS DEPARTMENT

1700 WEST 162ND STREET / GARDENA, CALIFORNIA 90247 / (213) 327-0220

Ext. 270

December 15, 1975

Globe Illumination Co.
1515 W. 178 St.
Gardena, California 90248

Attention: W.B. McDaniel

Gentlemen:

Globe Illumination Co. (I-5277-2B)
1515 W. 178 St.

Enclosed is Industrial Waste Disposal Permit No. 1502 for the disposal of wastes from operations at the subject location. All industrial wastes shall be disposed of in accordance with this permit and the attached conditions and limitations. This permit or copies thereof should be kept on the premises for which the permit is issued.

It is important that the required facilities be regularly cleaned and maintained. The Industrial Waste Engineering Inspector in your area will inspect the pretreatment process, explain the permit conditions, and make periodic inspections of your operations. Your full cooperation in preventing pollution is essential to the welfare of the community.

Please call us if you have any questions concerning the permit conditions or the maintenance of your industrial waste facilities.

Very truly yours,

Frank Gutierrez
Director of Public Works

FG/yt
Enclosures

cc: S. Iguchi
Bldg. & Safety

CWS
12

COUNTY OF LOS ANGELES

DEPARTMENT OF COUNTY ENGINEER

PROJECT PLANNING AND POLLUTION CONTROL DIVISION

106 WEST SECOND STREET
LOS ANGELES, CALIFORNIA 90012
(213) 974-7245C. G. BRISLEY, JR.
DIVISION ENGINEERS. IGUCHI
ASSISTANT
DIVISION ENGINEERHARVEY T. BRANDT
COUNTY ENGINEERJAMES T. ROSTRON
CHIEF DEPUTY

CITY OF GARDENA

December 5, 1975

Mr. Frank Gutierrez
Director of Public Works
City of Gardena

Dear Mr. Gutierrez:

GLOBE ILLUMINATION COMPANY (I-5277-2B)
1515 W. 178TH STREET
GARDENA, CALIFORNIA 90248

Enclosed is Permit for Industrial Wastewater Discharge No. 1502 which has been prepared in accordance with the requirements of the City Code of the City of Gardena for the disposal of wastes from operations at the subject location. We are transmitting this permit to your office for processing and delivery to the permittee. The permittee should be advised that this permit or copies thereof should be kept on the premises for which the permit is issued.

Please advise this office when the permit has been delivered.

Very truly yours,

Harvey T. Brandt
COUNTY ENGINEER

Original Signed

S. Iguchi
Assistant Division Engineer

SI:RG-rca 8

Enclosures

cc: Department of Public Works, City of Gardena

E 43740

PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE
SANITATION DISTRICTS OF LOS ANGELES COUNTY

1572

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
2026 Beverly Blvd., Los Angeles, Calif. 90057
John D. Parkhurst, Chief Engineer and General Manager

1955 Workman Mill Road
P. O. Box 4998
Whittier, California 90607

GARLENA, Calif.*

4/1/1974
MO. DAY YR.

APPLICATION IS HEREBY MADE BY GLOBE ILLUMINATION COMPANY A
PRINT (FIRM NAME)
03 (Mailing Address) 1515 W. 178TH STREET C05 GARLENA CALIFORNIA 90248 E
(STREET) (CITY) (STATE) (ZIP)

07 TENANT of the property located at:
(OWNER, TENANT, ETC.)

09 (Street) 1515 W. 178TH STREET (City) GARLENA CA. (Zip) 90248
PRINT (ADDRESS OF PROPERTY PRODUCING WASTEWATER DISCHARGE)

Assessors Map Book No. 6106 Page No.* 010 Parcel No.* 01406741 K
(LEGAL ADDRESS OF PROPERTY PRODUCING WASTEWATER DISCHARGE)

PRINT (LOCATION OF POINT OF WASTEWATER DISCHARGE TO SEWERAGE SYSTEM)

for a Permit for Industrial Wastewater Discharge to the sewerage system.

13 Type of Industry* ELECTRIC LIGHTING FIXTURES M, 17 2640 Q
(GENERAL DESCRIPTION) (FEDERAL SIC NOS.)

19 Number of Employees (Full Time)* 190 (+4) (Part Time)* NONE S

21 Raw Materials Used* PAINTS, OILS, RESINS, ETC. U
(GENERAL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

Products Produced FLUORESCENT LIGHTING FIXTURES
(GENERAL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

Wastewater Producing Operations PAINTS, OILS, RESINS, ETC.
(FULL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

31 Time of Discharge - * 7:00 AM/PM to 4:00 AM/PM, Days per Week* M T W Th F Sa Su
(WORKING DAY - CROSS OUT AM OR PM) (CIRCLE DAYS)

* Wastewater Flow Rate* 1000 GPD AA (Gallons Per Day)

Constituents of Wastewater Discharge WATER, PAINTS, OILS, RESINS, ETC.
(GENERAL DESCRIPTION - ATTACH CHEMICAL ANALYSES RESULTS TO THIS APPLICATION)

Person in company responsible for industrial wastewater discharge:
41 W.D. DANIEL PAINTS, OILS, RESINS, ETC. 211-7000 BB
PRINT (NAME) (POSITION) (TELEPHONE NUMBER)

I affirm that all information furnished is true and correct and that the applicant will comply with the conditions stated on the back of this permit form.

Date APRIL 1, 1974

Signature for Applicant [Signature] (POSITION)
(COMPANY ADMINISTRATIVE OFFICIAL) (NAME)

Approved by City or County Official [Signature]
Date 3-1-74

For Dept. of County Engineers

City of Garland
Name Frank Suthers

Position City Engineer

Approved by Sanitation Districts of Los Angeles County
Date Aug. 14, 1975
John D. Parkhurst, Chief Engineer and General Manager

by [Signature]
Position Plant Engineer

APPLICANT FOR PERMIT MUST READ THIS MATERIAL

IN CONSIDERATION OF THE GRANTING OF THIS PERMIT, the applicant agrees:

1. To furnish any additional information on industrial wastewater discharges as required by the Sanitation Districts,
2. To accept and abide by all provisions of Ordinances of the Sanitation Districts of Los Angeles County,
3. To operate and maintain any required industrial wastewater treatment devices in a satisfactory approved manner,
4. To cooperate at all times with Sanitation Districts personnel, or their representatives, in the inspection, sampling and study of industrial wastewater facilities and discharges,
5. To notify the Sanitation Districts at 484-1371, Ext. 309, or 775-2353 (Nights) immediately in the event of any accident, negligence or other occurrence that causes the discharge to the sewer of any material whose nature and quantity might be reasonably judged to constitute a hazard to District personnel, wastewater treatment facilities or the environment,
6. To pay to the Sanitation Districts annually the required surcharge fee for industrial wastewater treatment,
7. To submit, as required by the Sanitation Districts, accurate data on industrial wastewater discharge flows and wastewater constituents,
8. To operate only one industrial wastewater discharge point to the sewerage system under the authority granted by this permit,
9. To submit additional pages as required to furnish the necessary information if inadequate room on the reverse side of this permit form is available for complete submittal of requested data,
10. To apply for a revised Districts' industrial wastewater discharge permit if any change in industrial processes or operations creates a significant change in industrial wastewater quality or quantity.

INDUSTRIAL WASTE SEWER DISPOSAL
CONDITIONS AND LIMITATIONS

1. The maximum flow rate to the sewer shall be 18 gpm.
2. Liquid industrial wastes and any water soluble wastes not acceptable for discharge into the sanitary sewer shall be stored in leakproof containers pending transportation to a legal point of disposal. The permittee shall certify the material, source, quantity, and legal point of disposal by signing the California Liquid Waste Hauler Record. A copy of the California Liquid Waste Hauler Record Form is attached.
3. Copies of the completed record form must be obtained and kept on file for a period of at least 180 days for any liquid wastes transported from the site. The record forms shall be made available to representatives of the County Engineer upon request.
4. Waste disposal operations shall be conducted in such a manner that no nuisance is created.
5. Representatives of governmental agencies concerned with the disposal of industrial waste shall be permitted access at any reasonable time to take samples of wastes and inspect operations.
6. The permittee shall secure written approval from this Department before making any additions or modifications which may affect the quantity, quality, or method of disposal of waste materials.
7. This permit is subject to suspension or revocation if conditions exist which would justify denial of a permit or if permittee fails to correct unsatisfactory conditions.

RG-rca
9-75



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

1955 Workman Mill Road / Whittier, California
Mailing Address: / P. O. Box 4998, Whittier, California 90607
Telephone: (213) 699-7411 / From Los Angeles (213) 685-5217

JOHN D. PARKHURST
Chief Engineer and General Manager

August 14, 1975

In reply, please refer to
File:05-00.05-00/75-1502

Dept. of County Engineer
Project Planning & Pollution
Control Division
108 West Second Street
Los Angeles, California 90012

Attention: Ruben Garcia

Subject: Industrial Wastewater Discharge Permit No. 1502
Globe Illumination Company
1515 West 178th Street
Gardena, California 90248

Dear Mr. Garcia:

* Enclosed are four (4) approved sets of plans and copies of the approved Industrial Wastewater Discharge Permit for the wastewater discharge from subject company. Please review these for compliance with your requirements, retain the copies you require for your files, and return the applicant's copies and any spare sets of plans to the applicant. The approved plans consist of:

- 1) Floor Plan
- 2) Sand & Grease Interceptor
- 3) Plot Plan
- 4) Grading Plan
- 5) Letter dated February 5, 1975

Approval of the plans and permit is contingent upon continuing compliance with applicable Sanitation Districts' Ordinance requirements, upon corrections shown in red on the drawings, and upon the items indicated on the attached requirement list.

If you have any questions concerning the requirements, please contact the Sanitation Districts' Industrial Waste Section at extension 260.

Very truly yours,

John D. Parkhurst
Chief Engineer and
General Manager

By *Leslie D. Rose*
Leslie D. Rose
Industrial Waste Engineer

LDR:JS:gkb
cc: Globe Illumination Co.
1515 W. 178th St.

Gardena, CA 90248

Attn: Leonard Rosenblatt

Encls *

SANITATION DISTRICTS OF LOS ANGELES COUNTY

John D. Parkhurst, Chief Engineer and General Manager
1955 Workman Hill Road, P. O. Box 4998, Whittier, California 90607

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

REQUIREMENT LIST

COMPANY NAME Globe Illumination Company

INDUSTRIAL WASTEWATER DISCHARGE PERMIT NO. 1502

DATE OF PERMIT ISSUANCE August 14, 1975

The above named company is required to comply with all indicated items on this list as a condition of the permit approval. Satisfactory evidence of compliance with these conditions should be supplied to the Sanitation Districts where requested. Satisfactory evidence will consist of a minimum of written notification signed by a responsible company official, and in some cases may involve the submission of additional drawings and data.

1. Surcharge tests of the industrial wastewater must be performed at the intervals indicated on the enclosed Table of Surcharge Test Frequency and submitted annually with the wastewater treatment surcharge statement.
2. Characterization tests of the industrial wastewater must be performed at the intervals indicated on the Required Characterization Tests form and reported on the enclosed Critical Parameter Report Form. All indicated analyses should be performed by a state of California or Sanitation Districts' approved laboratory. Revision of the Required Characterization Tests may be considered after initial analyses and upon written request with valid supporting information from the subject company. It is the responsibility of the subject company to report analyses of any other toxic materials shown in the Critical Parameter List, which are known to be present in the wastewater. -----
3. The amount of oil and grease present in your wastewater is considered excessive for a discharge to the public sewer. A program of regular interceptor cleanout should be adopted to prevent the build-up of oil and grease which may enter the sewer.
4. Any rainwater discharge to the sanitary and industrial sewer system must be in accordance with the Districts' policy on rainwater, enclosed.

5. Rainwater diversion systems shall divert any rainfall in excess of 0.1 inch to the storm sewer. Diverted rainwater must meet any requirements of the Regional Water Quality Control Board. □
6. The pH of the wastewater must be maintained above 6.0 at all times. Proper neutralization procedures must be observed to assure that this limit is not exceeded. Batch neutralization is required for any tanks containing acidic solutions before they are discharged to the sewer, if the solution pH is less than 6.0. ----- X
7. An automatic continuous pH recording instrument must be installed to monitor the pH of the wastewater discharge stream entering the public sewer. The probe for the pH instrument must be located downstream of any pretreatment operations or of any branches which may be a source of industrial wastewater. The pH equipment must be regularly calibrated and maintained in good working order. At least 180 days of pH records must be filed at the discharge address and must be made available for inspection by representatives of the Sanitation Districts at any time during business hours. If pH records indicate periods of acidic or highly alkaline discharge, the applicant may be required to install a pH controlled neutralization system. □
8. An automatic effluent pH recording and control system is required to regulate the neutralization of wastewater. Prior to installation, plans and supporting information for the pH neutralization system must be submitted to the Districts for approval. The plans must indicate design flow rates and the chemical nature and concentration of acidic or alkaline materials to be neutralized. The composition and stored volume of neutralizing agent should be indicated as well as the design flow rate for its injection into the waste stream. Plans must show the dimensions and volume of the neutralization chamber, means and power of agitation, the location and function of all pH probes and other instrumentation. □
9. Numerical limits have been established by the Sanitation Districts for the maximum concentrations of heavy metals, and other toxic materials, permissible in an industrial discharge to the public sewers. The limits are those shown in the enclosed table of "INDUSTRIAL WASTEWATER EFFLUENT LIMITATIONS." The subject company is advised that any discharge in excess of these limits requires corrective action by the discharger. Penalties applicable to violations of these limits will be strictly enforced by the Sanitation Districts beginning on January 1, 1977. ----- X
10. All wastewater discharged to the sewer must have a temperature lower than 120 F. □

11. All industrial wastewater discharged to the sewer must not contain over 0.1 milligram/liter of dissolved sulfides.
12. One-pass cooling water must not be discharged to the sewer system. Plans or other information which describe a method for reuse, recirculation or an alternate means of disposal of the one-pass cooling water must be provided.
13. All floor drains located in processing areas, or other areas where oil or grit may enter the sewer must be routed through a gravity separation interceptor. The interceptor shall provide a 30-minute detention time based on the peak wastewater discharge rate, with a minimum capacity of 500 gallons, and shall be baffled to retain floatable oils and greases, as well as settleable grit materials.
14. Any proposed revisions which result in a significant change in wastewater quantity or quality (approximately 25% or more or 25,000 gallons per day) from the values reported in the permit application will require a new permit application to be submitted for the Districts' approval.
15. Waste haulers reports must be obtained and kept on file for a period of at least 180 days for any liquid wastes leaving the plant other than in the sewer system. These reports must be made available to representatives of the Sanitation Districts upon request. -----
16. For any industrial wastewater discharge of 50,000 gallons per day, or 100 gallons per minute peak flow, or greater, an automatic full-time total flow measurement system is required. Detailed construction drawings for the required automatic continuous recording and totalizing flow metering installation must be submitted. These drawings shall indicate pipe slopes, elevation, locations and relevant dimensions; types and locations of instrumentation; the estimated flow range (minimum, maximum and average); and upstream and downstream piping, structures and devices which could influence flow through the meter. In addition, engineering calculations shall be supplied where unusual flow conditions exist and/or the proposed installation differs from published standards. Manufacturer's data sheets shall be included with the construction drawings for all manufactured equipment to be installed as part of the flow metering system. All electrical equipment and wiring to be installed in communication with vapor space of the public sewer shall be suitable for Class I, Group D, Division I, hazardous locations, as specified in Articles 500-517 of the National Electrical Code. Such electrical equipment and wiring shall be of explosion proof construction, or alternately, may be certified to be intrinsically safe by a nationally recognized testing laboratory, such as Underwriters Laboratories, Inc. or Factory Mutual Engineering Corporation. Design of pretreatment systems and flow metering installations shall be performed under the supervision of a

California registered professional engineer competent in this field. Design and construction drawings and calculations shall be stamped with the authorized seal of the supervising professional engineer, or signed over his registration number, to indicate his review and approval of the work.

17. The flow meter shall incorporate a contact closure pulse signal which can be used to activate an automatic sampling device at uniform intervals of metered volume. The device must be capable of generating one to four pulse signals for each flow volume equivalent to 30 minutes at the average flow rate during the operating day of the facility. The control signal shall be fed to an MS 3102E 18-10S socket with a MS 2504 318D cap and chain or their equivalent. These articles are manufactured by Amphenol, Bendix, and Cannon. The contact signal shall be connected to pins A and B or 1 and 2 (whichever is applicable) of the socket. The socket shall be mounted in a suitable weatherproof receptacle box and located as close as possible to the sampling point.

18. An industrial wastewater sampling point(s), suitable for obtaining grab or continuous samples, must be provided and its location clearly indicated to the Districts. The sampling point must be located downstream of all sources of industrial wastewater and of any gravity separation interceptor or other pretreatment equipment. Safe and convenient access to the sampling point must be provided for representatives of the Sanitation Districts. Where practical, access to the sampling point shall be available from the public street, but the sampling point shall not be in any manhole located in the street. If a locked security enclosure is necessary, the Sanitation Districts shall be provided with two keys or the lock combination, or a Districts' padlock shall be used to secure the sampling point area.

19. Satisfactory evidence must be submitted in writing to the Sanitation Districts by _____, that condition number(s) _____ have been satisfied.

20. The permittee is required to adopt a program of regular interceptor maintenance and cleaning at intervals frequent enough to prevent a build-up of grit, oil or grease which may enter the sewer.

21. The applicant's Surcharge Statement for fiscal years 1972-73 and 1973-74 were delinquent August 15, 1973 and August 15, 1974 respectively, and should be filed as soon as possible. Necessary forms and instructions for filing surcharge statements are enclosed in the applicant's copy.

SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTEWATER
CRITICAL PARAMETER REPORT FORM

IW 1502

Ident. Code	PARAMETER 1/	2/	QUANTITY VALUES	Ident. Code	PARAMETER 1/	2/	QUANTITY VALUES
(A)	Flow (Total)		gals/day	V	Manganese - Total		mg/l
(B)	Flow (Peak)		gals/min.	W	Mercury - Total		mg/l
C	COD		mg/l	X	Molybdenum - Total		mg/l
D	SS (Suspended Solids)		mg/l	Y	Nickel - Total		mg/l
(E)	pH		Units	Z	Selenium - Total		mg/l
F	Total Dissolved Solids		mg/l	AA	Silver - Total		mg/l
G	Ammonia (N)		mg/l	BB	Sodium - Total		mg/l
H	Sulfide		mg/l	CC	Thallium - Total		mg/l
I	Cyanide		mg/l	DD	Tin - Total		mg/l
J	Fluoride		mg/l	EE	Titanium - Total		mg/l
K	Aluminum - Total		mg/l	FF	Zinc - Total		mg/l
L	Antimony - Total		mg/l	GG	Oil & Grease (Hexane Extract)		mg/l
M	Arsenic - Total		mg/l	HH	Phenols		mg/l
N	Beryllium - Total		mg/l	II	Surfactants (MBAS)		mg/l
O	Boron - Total		mg/l	JJ	Chlorinated Hydrocarbons (except pesticides)		mg/l
P	Cadmium - Total		mg/l	KK	Pesticides (Chlor. Hycarb.)		mg/l
(Q)	Chromium - Total		mg/l	LL	Radioactivity (Alpha, Beta & Gamma)		pCi/l
R	Cobalt - Total		mg/l	MM	Temperature		Degrees °F
S	Copper - Total		mg/l	NN	Color		Units
T	Iron - Total		mg/l	OO	Thiosulfate (S)		mg/l
U	Lead - Total		mg/l				
NON-CRITICAL PARAMETERS (Report When Available)				OTHER PARAMETERS (Report When Requested)			
PP	Calcium		mg/l	A1			
QQ	Magnesium		mg/l	A2			
RR	Potassium		mg/l	A3			
SS	Barium		mg/l	A4			
TT	Nitrate		mg/l	A5			
UU	Chloride		mg/l	A6			
VV	Bromide		mg/l	A7			
WW	Sulfate		mg/l	A8			
XX	Phosphorus-Ortho		mg/l	A9			

- NOTES: 1/ Report all critical parameters required by the Sanitation Districts and any other critical parameter known to be present in the wastewater. Those parameters required by the Districts but *known to be absent* from the wastewater may be reported by placing the word absent in the appropriate space.
- 2/ If values are obtained by measurements or analyses write A in this column. Analysis values must be determined, using representative 24-hour composite samples, by a State Certified or Districts Approved Laboratory. If values are obtained by estimate, write E in this column. *Estimated values are acceptable for new plants only.*

(Print) Name and Address of Laboratory Performing Analyses and Flow Measurements _____

(Print) Name of Company Having Wastewater Discharge _____ SIC Number(s) 3646

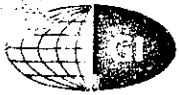
(Print) Address of Wastewater Discharge _____

(Print) Additional Location Data (Data above should be for only *one* discharge point to the sewerage system)
Statement of Accuracy of Data _____

I hereby affirm that the above data comprise a true and correct representation of the wastewater discharged from the stated discharge point.

Date: _____ Location: _____, California _____

(Signed) Name _____ Position (Administrative Officer of Company with Wastewater Discharge) _____



GLOBE
ILLUMINATION
COMPANY
1515 W. 178 St.
Gardena, CA. 90248
(213) 321-9000

February 5, 1975

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
P.O. Box 4998
Whittier, CA 90607

ATTENTION MR. JAY G. KREMER

RE/FILE #05-00-05-00/74
INDUSTRIAL WASTEWATER DISCHARGE SUBMITTAL #1502
GLOBE ILLUMINATION COMPANY
1515 W. 178th Street
Gardena, CA 90248

Dear Sir:

Included in this letter are six copies of your requested information.

If this information is not considered complete, please direct all communications directly to me.

Thanks you,

GLOBE ILLUMINATION COMPANY

Bert Ginsberg
Bert Ginsberg,
Plant Manager

BG/lw



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

1955 Workman Mill Road / Whittier, California
Mailing Address: / P. O. Box 4998, Whittier, California 90607
Telephone: (213) 699-7411 / From Los Angeles (213) 685-5217

JOHN D. PARKHURST
Chief Engineer and General Manager

August 14, 1975

In reply, please refer to
File: 05-00.05-00/75-1502

Dept. of County Engineer
Project Planning & Pollution
Control Division
108 West Second Street
Los Angeles, California 90012

Attention: Ruben Garcia

Subject: Industrial Wastewater Discharge Permit No. 1502
Globe Illumination Company
1515 West 178th Street
Gardena, California 90248

Dear Mr. Garcia:

* Enclosed are four (4) approved sets of plans and copies of the approved Industrial Wastewater Discharge Permit for the wastewater discharge from subject company. Please review these for compliance with your requirements, retain the copies you require for your files, and return the applicant's copies and any spare sets of plans to the applicant. The approved plans consist of:

- 1) Floor Plan
- 2) Sand & Grease Interceptor
- 3) Plot Plan
- 4) Grading Plan
- 5) Letter dated February 5, 1975

Approval of the plans and permit is contingent upon continuing compliance with applicable Sanitation Districts' Ordinance requirements, upon corrections shown in red on the drawings, and upon the items indicated on the attached requirement list.

If you have any questions concerning the requirements, please contact the Sanitation Districts' Industrial Waste Section at extension 260.

Very truly yours,

John D. Parkhurst
Chief Engineer and
General Manager

By *Leslie D. Rose*
Leslie D. Rose
Industrial Waste Engineer

LDR:JS:gkb
cc: Globe Illumination Co.
1515 W. 178th St.
Gardena, CA 90248

Attn: Leonard Rosenblatt

Encl: *

SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTEWATER EFFLUENT LIMITATIONS
FOR JOINT OUTFALL DISTRICTS

Constituent	Industrial Wastewater Effluent Limitations	
	Phase I Control Period (mg/l)	
Arsenic		3
Cadmium		15
Chromium (Total)		10
Copper		15
Lead		40
Mercury		2
Nickel		12
Silver		5
Zinc		25
Cyanide (Total)		10
Total Identifiable Chlorinated Hydrocarbons		Essentially None

REF. ITEM #4...Six copies of all information included

REF. ITEM #5...Plot plan included.

REF. ITEM #6...Globe drawing plan included.

REF. ITEM #11...As shown on the drawing, the process is as follows; a five stage wash machine for the cleaning and itching of metal, consisting of 1-a soap wash (alkid), 2-a cold water rinse, 3-an iron phosphate wash (acidic), 4-a cold water rinse and 5-a chromic acid rinse.

REF. ITEM #14...As shown on the application (No. E43740), the overflow rate is 18 G.P.M. This is a combined total of the overflow from both the acidic and alkaline materials; both materials are being overflowed together and are neutralizing each other.

REF. ITEM #20...An independent survey has been included to answer this question. Total quantity of waste water is 8,640 gallons per day as shown on the application.

REF. ITEM #22...We store approximately 25 gallons of chromic acid in 5 gallon containers to be mixed at a rate of 1/2 ~~gallon~~ per 600 gallons of water. This tank has NO overflow drain.

REF. ITEM #23...The main raw material used is cold rolled steel at a rate of approximately 15,000 lbs per date. The final product produced is lighting fixtures.

**SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTEWATER
CRITICAL PARAMETER REPORT FORM**

**PERMIT NO.
1502**

Ident. Code	PARAMETER 1/	2/	QUANTITY VALUES	Ident. Code	PARAMETER 1/	2/	QUANTITY VALUES
A	Flow (Total)		gals/day	V	Manganese - Total		.03 mg/l
B	Flow (Peak)		gals/min.	W	Mercury - Total		*1 mg/l
C	COD		396.1 mg/l	X	Molybdenum - Total		mg/l
D	SS (Suspended Solids)		251 mg/l	Y	Nickel - Total		.08 mg/l
E	pH		9.4 Units	Z	Selenium - Total		mg/l
F	Total Dissolved Solids		854 mg/l	AA	Silver - Total		mg/l
G	Ammonia (N)		0.2 mg/l	BB	Sodium - Total		mg/l
H	Sulfide		*.1 mg/l	CC	Thallium - Total		mg/l
I	Cyanide		*1 mg/l	DD	Tin - Total		mg/l
J	Fluoride		mg/l	EE	Titanium - Total		mg/l
K	Aluminum - Total		mg/l	FF	Zinc - Total		.3 mg/l
L	Antimony - Total		mg/l	GG	Oil & Grease (HEXANE EXTRACT)		*2.5 mg/l
M	Arsenic - Total		mg/l	HH	Phenols		mg/l
N	Beryllium - Total		mg/l	II	Surfactants (MBAS)		mg/l
O	Boron - Total		mg/l	JJ	Chlorinated Hydrocarbons (EXCEPT PESTICIDES)		*1 mg/l
P	Cadmium - Total		mg/l	KK	Pesticides (CHLOR. HYCARB.)		mg/l
Q	Chromium - Total		.4 mg/l	LL	Radioactivity (ALPHA, BETA, GAMMA)		pCi/l
R	Cobalt - Total		mg/l	MM	Temperature		103° Degrees F
S	Copper - Total		.01 mg/l	NN	Color		Units
T	Iron - Total		.3 mg/l	OO	Thiosulfate (S)		mg/l
U	Lead - Total		*.1 mg/l				
	NON-CRITICAL PARAMETERS (Report When Available)				OTHER PARAMETERS (Report When Requested)		
PP	Calcium		mg/l	A1	Raw Material or Product Quantities		per day
OO	Magnesium		mg/l	A2			
RR	Potassium		7.5 mg/l	A3			
SS	Barium		mg/l	A4			
TT	Nitrate		mg/l	A5			
UU	Chloride		mg/l	A6			
VV	Bromide		mg/l	A7			
WW	Sulfate		mg/l	A8			
XX	Phosphorus-Ortho		mg/l				

NOTES:

- 1/ Report all critical parameters required by the Sanitation Districts and any other critical parameter known to be present in the wastewater. Those parameters required by the Districts but known to be absent from the wastewater may be reported by placing the word absent in the appropriate space.
- 2/ If values are obtained by measurements or analyses write A in this column. Analysis values must be determined, using representative 24-hour composite samples, by a State Certified or Districts Approved Laboratory. If values are obtained by estimate, write E in this column. Estimated values are acceptable for new plants only.

Durkee Testing Laboratories 1520 W. 178th St. Gardena, California 90248

(PRINT) NAME AND ADDRESS OF LABORATORY PERFORMING ANALYSES AND FLOW MEASUREMENTS

Globe Illumination Company

(PRINT) NAME OF COMPANY HAVING WASTEWATER DISCHARGE

SIC NUMBER(S)

1515 West 178th St. Gardena, California 90248

(PRINT) ADDRESS OF WASTEWATER DISCHARGE

(PRINT) ADDITIONAL LOCATION DATA (DATA ABOVE SHOULD BE FOR ONLY ONE DISCHARGE POINT TO THE SEWERAGE SYSTEM)

Statement of Accuracy of Data

I hereby affirm that the above data comprise a true and correct representation of the wastewater discharged from the stated discharge point.

Date: _____ Location: _____, California _____

(SIGNED) NAME

POSITION (ADMINISTRATIVE OFFICER OF COMPANY WITH WASTEWATER DISCHARGE)

Our Rec. Log No. K-3514
Lab Report No. X-3097

*Less than

SANITATION DISTRICTS OF LOS ANGELES COUNTY

John D. Parkhurst, Chief Engineer and General Manager
1955 Workman Mill Road, P. O. Box 4998, Whittier, California 90607

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

REQUIREMENT LIST

COMPANY NAME Globe Illumination Company

INDUSTRIAL WASTEWATER DISCHARGE PERMIT NO. 1502

DATE OF PERMIT ISSUANCE August 14, 1975

The above named company is required to comply with all indicated items on this list as a condition of the permit approval. Satisfactory evidence of compliance with these conditions should be supplied to the Sanitation Districts where requested. Satisfactory evidence will consist of a minimum of written notification signed by a responsible company official, and in some cases may involve the submission of additional drawings and data.

1. Surcharge tests of the industrial wastewater must be performed at the intervals indicated on the enclosed Table of Surcharge Test Frequency and submitted annually with the wastewater treatment surcharge statement.
2. Characterization tests of the industrial wastewater must be performed at the intervals indicated on the Required Characterization Tests form and reported on the enclosed Critical Parameter Report Form. All indicated analyses should be performed by a state of California or Sanitation Districts' approved laboratory. Revision of the Required Characterization Tests may be considered after initial analyses and upon written request with valid supporting information from the subject company. It is the responsibility of the subject company to report analyses of any other toxic materials shown in the Critical Parameter List, which are known to be present in the wastewater. -----
3. The amount of oil and grease present in your wastewater is considered excessive for a discharge to the public sewer. A program of regular interceptor cleanout should be adopted to prevent the build-up of oil and grease which may enter the sewer.
4. Any rainwater discharge to the sanitary and industrial sewer system must be in accordance with the Districts' policy on rainwater, enclosed.

5. Rainwater diversion systems shall divert any rainfall in excess of 0.1 inch to the storm sewer. Diverted rainwater must meet any requirements of the Regional Water Quality Control Board. □
6. The pH of the wastewater must be maintained above 6.0 at all times. Proper neutralization procedures must be observed to assure that this limit is not exceeded. Batch neutralization is required for any tanks containing acidic solutions before they are discharged to the sewer, if the solution pH is less than 6.0. ----- X/
7. An automatic continuous pH recording instrument must be installed to monitor the pH of the wastewater discharge stream entering the public sewer. The probe for the pH instrument must be located downstream of any pretreatment operations or of any branches which may be a source of industrial wastewater. The pH equipment must be regularly calibrated and maintained in good working order. At least 180 days of pH records must be filed at the discharge address and must be made available for inspection by representatives of the Sanitation Districts at any time during business hours. If pH records indicate periods of acidic or highly alkaline discharge, the applicant may be required to install a pH controlled neutralization system. □
8. An automatic effluent pH recording and control system is required to regulate the neutralization of wastewater. Prior to installation, plans and supporting information for the pH neutralization system must be submitted to the Districts for approval. The plans must indicate design flow rates and the chemical nature and concentration of acidic or alkaline materials to be neutralized. The composition and stored volume of neutralizing agent should be indicated as well as the design flow rate for its injection into the waste stream. Plans must show the dimensions and volume of the neutralization chamber, means and power of agitation, the location and function of all pH probes and other instrumentation. □
9. Numerical limits have been established by the Sanitation Districts for the maximum concentrations of heavy metals, and other toxic materials, permissible in an industrial discharge to the public sewers. The limits are those shown in the enclosed table of "INDUSTRIAL WASTEWATER EFFLUENT LIMITATIONS." The subject company is advised that any discharge in excess of these limits requires corrective action by the discharger. Penalties applicable to violations of these limits will be strictly enforced by the Sanitation Districts beginning on January 1, 1977. ----- X/
10. All wastewater discharged to the sewer must have a temperature lower than 120 F. □

11. All industrial wastewater discharged to the sewer must not contain over 0.1 milligram/liter of dissolved sulfides.

12. One-pass cooling water must not be discharged to the sewer system. Plans or other information which describe a method for reuse, recirculation or an alternate means of disposal of the one-pass cooling water must be provided.

13. All floor drains located in processing areas, or other areas where oil or grit may enter the sewer must be routed through a gravity separation interceptor. The interceptor shall provide a 30-minute detention time based on the peak wastewater discharge rate, with a minimum capacity of 500 gallons, and shall be baffled to retain floatable oils and greases, as well as settleable grit materials.

14. Any proposed revisions which result in a significant change in wastewater quantity or quality (approximately 25% or more or 25,000 gallons per day) from the values reported in the permit application will require a new permit application to be submitted for the Districts' approval.

15. Waste haulers reports must be obtained and kept on file for a period of at least 180 days for any liquid wastes leaving the plant other than in the sewer system. These reports must be made available to representatives of the Sanitation Districts upon request. -----

16. For any industrial wastewater discharge of 50,000 gallons per day, or 100 gallons per minute peak flow, or greater, an automatic full-time total flow measurement system is required. Detailed construction drawings for the required automatic continuous recording and totalizing flow metering installation must be submitted. These drawings shall indicate pipe slopes, elevation, locations and relevant dimensions; types and locations of instrumentation; the estimated flow range (minimum, maximum and average); and upstream and downstream piping, structures and devices which could influence flow through the meter. In addition, engineering calculations shall be supplied where unusual flow conditions exist and/or the proposed installation differs from published standards. Manufacturer's data sheets shall be included with the construction drawings for all manufactured equipment to be installed as part of the flow metering system. All electrical equipment and wiring to be installed in communication with vapor space of the public sewer shall be suitable for Class I, Group D, Division I, hazardous locations, as specified in Articles 500-517 of the National Electrical Code. Such electrical equipment and wiring shall be of explosion proof construction, or alternately, may be certified to be intrinsically safe by a nationally recognized testing laboratory, such as Underwriters Laboratories, Inc. or Factory Mutual Engineering Corporation. Design of pretreatment systems and flow metering installations shall be performed under the supervision of a

California registered professional engineer competent in this field. Design and construction drawings and calculations shall be stamped with the authorized seal of the supervising professional engineer, or signed over his registration number, to indicate his review and approval of the work.



17. The flow meter shall incorporate a contact closure pulse signal which can be used to activate an automatic sampling device at uniform intervals of metered volume. The device must be capable of generating one to four pulse signals for each flow volume equivalent to 30 minutes at the average flow rate during the operating day of the facility. The control signal shall be fed to an MS 3102E 18-10S socket with a MS 2504 318D cap and chain or their equivalent. These articles are manufactured by Amphenol, Bendix, and Cannon. The contact signal shall be connected to pins A and B or 1 and 2 (whichever is applicable) of the socket. The socket shall be mounted in a suitable weatherproof receptacle box and located as close as possible to the sampling point.



18. An industrial wastewater sampling point(s), suitable for obtaining grab or continuous samples, must be provided and its location clearly indicated to the Districts. The sampling point must be located downstream of all sources of industrial wastewater and of any gravity separation interceptor or other pretreatment equipment. Safe and convenient access to the sampling point must be provided for representatives of the Sanitation Districts. Where practical, access to the sampling point shall be available from the public street, but the sampling point shall not be in any manhole located in the street. If a locked security enclosure is necessary, the Sanitation Districts shall be provided with two keys or the lock combination, or a Districts' padlock shall be used to secure the sampling point area.



19. Satisfactory evidence must be submitted in writing to the Sanitation Districts by _____, that condition number(s) _____ have been satisfied.



20. The permittee is required to adopt a program of regular interceptor maintenance and cleaning at intervals frequent enough to prevent a build-up of grit, oil or grease which may enter the sewer.



21. The applicant's Surcharge Statement for fiscal years 1972-73 and 1973-74 were delinquent August 15, 1973 and August 15, 1974 respectively, and should be filed as soon as possible. Necessary forms and instructions for filing surcharge statements are enclosed in the applicant's copy.



SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTEWATER
CRITICAL PARAMETER REPORT FORM

IW 1502

Ident. Code	PARAMETER 1/	2/	QUANTITY VALUES	Ident. Code	PARAMETER 1/	2/	QUANTITY VALUES
(A)	Flow (Total)		gals/day	V	Manganese - Total		mg/l
(B)	Flow (Peak)		gals/min.	W	Mercury - Total		mg/l
C	COD		mg/l	X	Molybdenum - Total		mg/l
D	SS (Suspended Solids)		mg/l	Y	Nickel - Total		mg/l
(E)	pH		Units	Z	Selenium - Total		mg/l
F	Total Dissolved Solids		mg/l	AA	Silver - Total		mg/l
G	Ammonia (N)		mg/l	BB	Sodium - Total		mg/l
H	Sulfide		mg/l	CC	Thallium - Total		mg/l
I	Cyanide		mg/l	DD	Tin - Total		mg/l
J	Fluoride		mg/l	EE	Titanium - Total		mg/l
K	Aluminum - Total		mg/l	FF	Zinc - Total		mg/l
L	Antimony - Total		mg/l	GG	Oil & Grease (Hexane Extract)		mg/l
M	Arsenic - Total		mg/l	HH	Phenols		mg/l
N	Beryllium - Total		mg/l	II	Surfactants (MBAS)		mg/l
O	Boron - Total		mg/l	JJ	Chlorinated Hydrocarbons (except pesticides)		mg/l
P	Cadmium - Total		mg/l	KK	Pesticides (Chlor. Hycarb.)		mg/l
(Q)	Chromium - Total		mg/l	LL	Radioactivity (Alpha, Beta & Gamma)		pCi/l
R	Cobalt - Total		mg/l	MM	Temperature		Degrees °F
S	Copper - Total		mg/l	NN	Color		Units
T	Iron - Total		mg/l	OO	Thiosulfate (S)		mg/l
U	Lead - Total		mg/l				
NON-CRITICAL PARAMETERS (Report When Available)				OTHER PARAMETERS (Report When Requested)			
PP	Calcium		mg/l	A1			
QQ	Magnesium		mg/l	A2			
RR	Potassium		mg/l	A3			
SS	Barium		mg/l	A4			
TT	Nitrate		mg/l	A5			
UU	Chloride		mg/l	A6			
VV	Bromide		mg/l	A7			
WW	Sulfate		mg/l	A8			
XX	Phosphorus-Ortho		mg/l	A9			

NOTES: 1/ Report all critical parameters required by the Sanitation Districts and any other critical parameter known to be present in the wastewater. Those parameters required by the Districts but *known to be absent* from the wastewater may be reported by placing the word absent in the appropriate space.

2/ If values are obtained by measurements or analyses write A in this column. Analysis values must be determined, using representative 24-hour composite samples, by a State Certified or Districts Approved Laboratory. If values are obtained by estimate, write E in this column. *Estimated values are acceptable for new plants only.*

(Print) Name and Address of Laboratory Performing Analyses and Flow Measurements _____

(Print) Name of Company Having Wastewater Discharge _____ SIC Number(s) 3646

(Print) Address of Wastewater Discharge _____

(Print) Additional Location Data (Data above should be for only *one* discharge point to the sewerage system)
Statement of Accuracy of Data

I hereby affirm that the above data comprise a true and correct representation of the wastewater discharged from the stated discharge point.

Date: _____ Location: _____, California _____

(Signed) Name _____ Position (Administrative Officer of Company with Wastewater Discharge) _____

REF. ITEM #4...Six copies of all information included

REF. ITEM #5...Plot plan included.

REF. ITEM #6...Globe drawing plan included.

REF. ITEM #11...As shown on the drawing, the process is as follows; a five stage wash machine for the cleaning and itching of metal, consisting of 1-a soap wash (alkid), 2-a cold water rinse, 3-an iron phosphate wash (acidic), 4-a cold water rinse and 5-a chromic acid rinse.

REF. ITEM #14...As shown on the application (No. E43740), the overflow rate is 18 G.P.M. This is a combined total of the overflow from both the acidic and alkaline materials; both materials are being overflowed together and are neutralizing each other.

REF. ITEM #20...An independent survey has been included to answer this question. Total quantity of waste water is 8,640 gallons per day as shown on the application.

REF. ITEM #22...We store approximately 25 gallons of caromic acid in 5 gallon containers to be mixed at a rate of 1/2 ~~gallon~~ per 600 gallons of water. This tank has NO overflow drain.

REF. ITEM #23...The main raw material used is cold rolled steel at a rate of approximately 15,000 cbs per date. The final product produced is lighting fixtures.

SANITATION DISTRICTS OF LOS ANGELES COUNTY

John D. Parkhurst, Chief Engineer and General Manager
1955 Workman Mill Road, P. O. Box 4998, Whittier, California 90607

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

REQUIREMENT LIST

COMPANY NAME Globe Illumination Company

INDUSTRIAL WASTEWATER DISCHARGE PERMIT NO. 1502

DATE OF PERMIT ISSUANCE August 14, 1975

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

1955 Workman Mill Road / Whittier, California
Mailing Address: / P. O. Box 4998, Whittier, California 90607
Telephone: (213) 699-7411 / From Los Angeles (213) 685-5217

JOHN D. PARKHURST
Chief Engineer and General Manager

August 14, 1975

In reply, please refer to
File: 05-00.05-00/75-1502

Dept. of County Engineer
Project Planning & Pollution
Control Division
108 West Second Street
Los Angeles, California 90012

Attention: Ruben Garcia

Subject: Industrial Wastewater Discharge Permit No. 1502
Globe Illumination Company
1515 West 178th Street
Gardena, California 90248

Dear Mr. Garcia:

* Enclosed are four (4) approved sets of plans and copies of the approved Industrial Wastewater Discharge Permit for the wastewater discharge from subject company. Please review these for compliance with your requirements, retain the copies you require for your files, and return the applicant's copies and any spare sets of plans to the applicant. The approved plans consist of:

- 1) Floor Plan
- 2) Sand & Grease Interceptor
- 3) Plot Plan
- 4) Grading Plan
- 5) Letter dated February 5, 1975

Approval of the plans and permit is contingent upon continuing compliance with applicable Sanitation Districts' Ordinance requirements, upon corrections shown in red on the drawings, and upon the items indicated on the attached requirement list.

If you have any questions concerning the requirements, please contact the Sanitation Districts' Industrial Waste Section at extension 260.

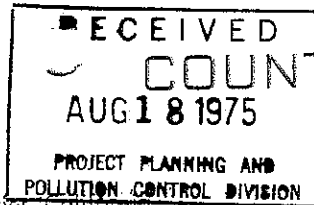
Very truly yours,

John D. Parkhurst
Chief Engineer and
General Manager

By *Leslie D. Rose*
Leslie D. Rose
Industrial Waste Engineer

LDR:JS:gkb
cc: Globe Illumination Co.
1515 W. 178th St.
Gardena, CA 90248

Attn: Leonard Rosenblatt



COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

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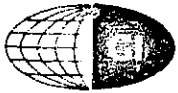
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Encls.*



GLOBE
ILLUMINATION
COMPANY
1515 W. 178 St.
Gardena, CA. 90248
(213) 321-9000

February 5, 1975

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
P.O. Box 4998
Whittier, CA 90607

ATTENTION MR. JAY G. KREMER

RE/FILE #05-00-05-00/74
INDUSTRIAL WASTEWATER DISCHARGE SUBMITTAL #1502
GLOBE ILLUMINATION COMPANY
1515 W. 178th Street
Gardena, CA 90248

Dear Sir:

Included in this letter are six copies of your requested information.

If this information is not considered complete, please direct all communications directly to me.

Thanks you,

GLOBE ILLUMINATION COMPANY

Bert Ginsberg
Bert Ginsberg,
Plant Manager

BG/lw

APPLICATION NO.

E 43740

EXISTING INDUSTRY
PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE
SANITATION DISTRICTS OF LOS ANGELES COUNTY
2020 Beverly Blvd., Los Angeles, Calif. 90057
John D. Parkhurst, Chief Engineer and General Manager

GARDENA, Calif.* 4/1/1974
MO. DAY YR.

APPLICATION IS HEREBY MADE BY GLOBE ILLUMINATION COMPANY
(Mailing Address) 1515 W. 178TH STREET GARDENA, CALIFORNIA 90248
(STREET) (CITY) (STATE) (ZIP)

TENANT of the property located at:
(OWNER, TENANT, ETC.)
(Street) 1515 W. 178TH STREET (City) GARDENA, CA. (Zip) 90248
PRINT (ADDRESS OF PROPERTY PRODUCING WASTEWATER DISCHARGE)

Assessors Map Book No. 6106 Page No.* 013 Parcel No.* 0406041
(LEGAL ADDRESS OF PROPERTY PRODUCING WASTEWATER DISCHARGE)

AT SUMP HOUSE, EAST SIDE OF BUILDING
PRINT (LOCATION OF POINT OF WASTEWATER DISCHARGE TO SEWERAGE SYSTEM)

for a Permit for Industrial Wastewater Discharge to the sewerage system.

13 Type of Industry* ELECTRIC LIGHTING FIXTURES M, 17 3642
(GENERAL DESCRIPTION) (FEDERAL SIC NOS.)

19 Number of Employees (Full Time)* 190 (4-) (Part Time)* NONE

21 Raw Materials Used* PHOSPHATE (WASH BEFORE PAINTING METAL)
(GENERAL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

Products Produced FLUORESCENT LIGHTING FIXTURES
(GENERAL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

Wastewater Producing Operations PHOSPHATE WASH OF METAL BEFORE PAINTING THEN FLOWS
TO SUMP HOUSE (INTERCEPTOR) THEN TO SEWER SYSTEM. ALL SLUDGE HAULED AWAY.
(FULL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

31 Time of Discharge - * 7:30 AM/PM to 4:00 PM, Days per Week* (M) (T) (W) (Th) (F) Sa Su
(WORKING DAY - CROSS OUT AM OR PM) (CIRCLE DAYS)

* Wastewater Flow Rate* (BASED ON 18 GPM) 8,640 AA (Gallons Per Day)

Constituents of Wastewater Discharge WATER, PAINT & CHEMICALS REMOVED AT SUMP HOUSE

(GENERAL DESCRIPTION - ATTACH CHEMICAL ANALYSES RESULTS TO THIS APPLICATION)

Person in company responsible for industrial wastewater discharge:
41 W. B. Mc DANIEL PAINT DEPT FOREMAN 321-9000
PRINT (NAME) (POSITION) (TELEPHONE NUMBER)

I affirm that all information furnished is true and correct and that the applicant will comply with the conditions stated on the back of this permit form.

Date APRIL 1, 1974

Signature for Applicant [Signature] (COMPANY ADMINISTRATIVE OFFICIAL) (NAME) (POSITION)

Approved by City or County Official [Signature] Approved by Sanitation Districts of Los Angeles County

Date 4-1-74 Date _____

For Dept. of County Engineers John D. Parkhurst, Chief Engineer and General Manager

City of Gardena by _____

Name Frank Antlerie Position _____

Position City Engineer

Note: A permit fee may be required by the local City or County Agency.



GLOBE
ILLUMINATION
COMPANY
1515 W. 178 St.
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- 4) Grading Plan
- 5) Letter dated February 5, 1975

Approval of the plans and permit is contingent upon continuing compliance with applicable Sanitation Districts' Ordinance requirements, upon corrections shown in red on the drawings, and upon the items indicated on the attached requirement list.

If you have any questions concerning the requirements, please contact the Sanitation Districts' Industrial Waste Section at extension 260.

Very truly yours,

John D. Parkhurst
Chief Engineer and
General Manager

By *Leslie D. Rose*
Leslie D. Rose
Industrial Waste Engineer

LDR:JS:gkb
cc: Globe Illumination Co.
1515 W. 178th St.

Gardena, CA 90248

Attn: Leonard Rosenblatt

Encls.*

**SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTEWATER
CRITICAL PARAMETER REPORT FORM**

**PERMIT NO.
1502**

Ident. Code	PARAMETER 1/	2/	QUANTITY VALUES	Ident. Code	PARAMETER 1/	2/	QUANTITY VALUES
A	Flow (Total)		gals/day	V	Manganese - Total		.03 mg/l
B	Flow (Peak)		gals/min.	W	Mercury - Total		*1 mg/l
C	COD		396.1 mg/l	X	Molybdenum - Total		mg/l
D	SS (Suspended Solids)		251 mg/l	Y	Nickel - Total		.08 mg/l
E	pH		9.4 Units	Z	Selenium - Total		mg/l
F	Total Dissolved Solids		854 mg/l	AA	Silver - Total		mg/l
G	Ammonia (N)		0.2 mg/l	BB	Sodium - Total		mg/l
H	Sulfide		*.1 mg/l	CC	Thallium - Total		mg/l
I	Cyanide		*1 mg/l	DD	Tin - Total		mg/l
J	Fluoride		mg/l	EE	Titanium - Total		mg/l
K	Aluminum - Total		mg/l	FF	Zinc - Total		.3 mg/l
L	Antimony - Total		mg/l	GG	Oil & Grease (HEXANE EXTRACT)		*2.5 mg/l
M	Arsenic - Total		mg/l	HH	Phenols		mg/l
N	Beryllium - Total		mg/l	II	Surfactants (MBAS)		mg/l
O	Boron - Total		mg/l	JJ	Chlorinated Hydrocarbons (EXCEPT PESTICIDES)		*1 mg/l
P	Cadmium - Total		mg/l	KK	Pesticides (CHLOR. HYCARB.)		mg/l
Q	Chromium - Total		.4 mg/l	LL	Radioactivity (ALPHA, BETA, GAMMA)		pCi/l
R	Cobalt - Total		mg/l	MM	Temperature		103° Degrees °F
S	Copper - Total		.01 mg/l	NN	Color		Units
T	Iron - Total		.3 mg/l	OO	Thiosulfate (S)		mg/l
U	Lead - Total		*.1 mg/l				
NON-CRITICAL PARAMETERS (Report When Available)				OTHER PARAMETERS (Report When Requested)			
PP	Calcium		mg/l	A1	Raw Material or Product Quantities		per day
OO	Magnesium		mg/l	A2			
RR	Potassium		7.5 mg/l	A3			
SS	Barium		mg/l	A4			
TT	Nitrate		mg/l	A5			
UU	Chloride		mg/l	A6			
VV	Bromide		mg/l	A7			
WW	Sulfate		mg/l	A8			
XX	Phosphorus-Ortho		mg/l				

NOTES:

- Report all critical parameters required by the Sanitation Districts and any other critical parameter known to be present in the wastewater. Those parameters required by the Districts but known to be absent from the wastewater may be reported by placing the word absent in the appropriate space.
- If values are obtained by measurements or analyses write A in this column. Analysis values must be determined, using representative 24-hour composite samples, by a State Certified or Districts Approved Laboratory. If values are obtained by estimate, write E in this column. Estimated values are acceptable for new plants only.

Durkee Testing Laboratories 1520 W. 178th St. Gardena, California 90248

(PRINT) NAME AND ADDRESS OF LABORATORY PERFORMING ANALYSES AND FLOW MEASUREMENTS

Globe Illumination Company

(PRINT) NAME OF COMPANY HAVING WASTEWATER DISCHARGE

SIC NUMBER (9)

1515 West 178th St. Gardena, California 90248

(PRINT) ADDRESS OF WASTEWATER DISCHARGE

(PRINT) ADDITIONAL LOCATION DATA (DATA ABOVE SHOULD BE FOR ONLY ONE DISCHARGE POINT TO THE SEWERAGE SYSTEM)

Statement of Accuracy of Data

I hereby affirm that the above data comprise a true and correct representation of the wastewater discharged from the stated discharge point.

Date: _____ Location: _____, California _____

(SIGNED) NAME

POSITION (ADMINISTRATIVE OFFICER OF COMPANY WITH WASTEWATER DISCHARGE)

Our Rec. Log No. K-3514
Lab Report No. X-3097

*Less than



GLOBE
ILLUMINATION
COMPANY
1515 W. 178 St.
Gardena, CA. 90248
(213) 321-9000

February 5, 1975

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
P.O. Box 4998
Whittier, CA 90607

ATTENTION MR. JAY G. KREMER

RE/FILE #05-00-05-00/74
INDUSTRIAL WASTEWATER DISCHARGE SUBMITTAL #1502
GLOBE ILLUMINATION COMPANY
1515 W. 178th Street
Gardena, CA 90248

Dear Sir:

Included in this letter are six copies of your requested information.

If this information is not considered complete, please direct all communications directly to me.

Thanks you,

GLOBE ILLUMINATION COMPANY

Bert Ginsberg
Bert Ginsberg,
Plant Manager

BG/lw



COUNTY SANITATION DISTRICTS
COUNTY ENGINEER
OF LOS ANGELES COUNTY

1955 Workman Hill Road / Whittier, California 90601
Mailing Address: / P. O. Box 4998, Whittier, California 90607
Telephone: (213) 699-7411 / From Los Angeles (213) 685-5217

REF TO _____

DEC 15 1 53 PM 1974 JOHN D. PARKHURST
Chief Engineer and General Manager

December 10, 1974 REPT TO _____ FAX REPLY _____

File: ~~NTB~~ ~~RKW~~ ~~JTB~~ 5-00-05-00774
~~IHA~~ ~~RJR~~ ~~RTR~~

Globe Illumination Company
1515 West 178th Street
Gardena, California 90248

file
I-5277-2B

no submittal

Attention: Leonard E. Rosenblatt

Re: Industrial Wastewater Discharge Submittal No. 1502
Globe Illumination Company
1515 West 178th Street
Gardena, California 90248

Dear Mr. Rosenblatt:

The plans and the application for Industrial Wastewater Discharge Permit you have submitted for review by the Sanitation Districts are being returned less one copy of the plans for the Districts' file. The plans and the permit application are NOT approved because:

- of the existence of a violation of the Sanitation Districts, "An Ordinance Regulating Sewer Construction, Sewer Use and Industrial Wastewater Discharges"
- they do not describe the facilities or processes in sufficient detail to allow proper evaluation of your operations and the possible effects of your discharge upon the sewerage system and the environment.

Please review your plans in accordance with the items indicated on the enclosed "Correction List" before resubmitting them for review. The information requested must be furnished in satisfactory detail in order for you to obtain a Permit for Industrial Wastewater Discharge to the sewerage system. If you have any questions concerning the requirements, please contact the Sanitation Districts' Industrial Waste Section.

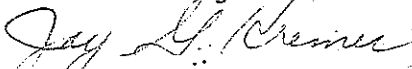
RECEIVED
DEC 16 1974
PROJECT PLANNING AND
POLLUTION CONTROL DIVISION

Page Two

Thank you for your cooperation.

Very truly yours,

John D. Parkhurst
Chief Engineer and
General Manager

By 
Jay G. Kremer
Head, Industrial Waste Section

JGK:BSB:gkb
cc:City of Gardena
1700 West 162nd St.
Gardena, Calif. 90247

ATTN: Frank G. Gutierrez

cc:Dept. of County Engineer
Project Planning & Pollution
Control Division
108 West 2nd. St.
Los Angeles, Calif. 90012

ATTN: Ruben Garcia

Encls. * Industrial Wastewater Discharge Permit Correction List.

SANITATION DISTRICTS OF LOS ANGELES COUNTY

John D. Parkhurst, Chief Engineer and General Manager
1955 Workman Mill Road, P.O. Box 4998, Whittier, Ca. 90607

INDUSTRIAL WASTEWATER DISCHARGE PERMIT
CORRECTION LIST

I.W. No(s). 1502 Date December 10, 1974

Your submittal is deficient in the following items. Please correct and resubmit for Districts' approval. If there are any questions please call the Districts' Industrial Waste Section at (213) 699-7411.

Name of Company Globe Illumination Company

Address of Company 1515 West 178th St., Gardena, California

Address of Wastewater Discharge 1515 West 178th St.

Gardena, California 90248

Name of Responsible Person W. B. McDaniel Tel. No. 321-9000

1. Completely fill out and sign the permit form.
2. Have permit form signed by the local City or County Engineer.
3. Furnish the chemical analyses and other data indicated on the attached Critical Parameter Report Form.
4. Six copies of all drawings and other data must be provided for approval by Districts. - - - - -
5. A plot plan of company property drawn to scale showing adjacent streets and a north arrow must be provided. - - - - -
6. A property grading and drainage plan must be provided to indicate how rainwater flow is drained. - - - - -
7. Outside drains subject to rainwater intrusion during storms must be covered by a roof or a rainwater diversion system installed.
8. An approved method of diverting rainwater from the sewerage system must be provided and shown on the drawings.
9. An industrial wastewater sewerage plan must be provided. It must show all major sewers and associated facilities for the handling of industrial wastewater from point of origin to the connection with the public sewer. A floor plan or plumbing plan of the property generating the wastewater may suffice if enough details are provided.

10. Sanitary wastes from rest rooms, lavatories, drinking fountains, etc.; must be shown to be kept separate from industrial process wastewater until all industrial wastewater pretreatment or flow measuring steps are completed.
11. Processes, equipment, or facilities, generating wastewater flow must be identified, described, and shown on the plans. - - - - -
12. Detailed plans must be furnished for all wastewater pretreatment facilities.
13. A gravity separation interceptor or other device capable of removing settleable solids and floatable oils must be provided and shown on the drawings.
14. Discharge of acidic materials to the public sewer below a pH of 6.0 is prohibited. Alkaline wastes which cause incrustations are not acceptable. Your permit application must show any sources of acidic or alkaline wastewater, and the existing or proposed method of neutralizing acids before discharge to the sewer. - - - - -
15. Submit plans showing automatic continuous pH controlled neutralization system. The plans must indicate design flowrates, and the chemical nature and concentration of acidic or alkaline materials to be neutralized. The composition and stored volume of neutralizing agent should be indicated as well as the design flow rate for its injection into the waste stream. Plans must show the dimensions and volume of the neutralization chamber, means and power for agitation, the location and function of all pH probes and other instrumentation.
16. Submit plans and descriptive material for batch neutralization system. This should include the chemical composition and the maximum daily quantities of acidic or alkaline material to be neutralized. The composition and stored volume of neutralizing agent should be indicated as well as the means of addition to the wastewater. Show the dimensions and volume of the neutralizing tank, the means of mixing and of testing for the pH of the neutralized waste. The neutralizing tank must be shown to be isolated from the sewer system by a valve or otherwise, until after it is neutralized, mixed, and tested for pH.
17. An automatic continuous pH recording instrument must be installed to monitor the pH of the wastewater discharge stream entering the public sewer. The probe for the pH instrument must be located downstream of any pretreatment operations or of any branches which may be a source of industrial wastewater. The pH equipment must be regularly calibrated and maintained in good working order. At least 180 days of pH records must be filed at the discharge address and must be made available for inspection by representatives of the Sanitation Districts at any time during business hours. If pH records indicate periods of acidic or alkaline discharge, the applicant may be required to install a pH controlled neutralization system.

18. Identify the sources of water supply used in the plant.
19. Provide a schematic mass balance flow diagram of the plant wastewater sources from water supply to wastewater discharge. Show water and wastewater flow rates, evaporation losses, losses to product, etc.
20. A description of liquid waste materials leaving the plant other than in the industrial wastewater discharged to the sewerage system must be provided, indicating types of materials and daily quantities. - - - - -
21. Uncontaminated water such as one-pass cooling water must not be discharged to the sewerage system. Provide plans or other information which describes a method for reuse, recirculation or an alternate means of disposal of one-pass cooling water or other uncontaminated water.
22. Show any process or storage tanks containing toxic, corrosive, or hazardous liquids which might enter the sewer system. Show tank name or number, volume and composition of the contents. Indicate means and frequency of disposal of spent liquids. - - - - -
23. The Environmental Protection Agency requires the Sanitation Districts to obtain data on the quantities of the principal raw materials consumed or the principal products produced, if the company is considered to be a major discharger or discharges toxic materials in its wastewater. The maximum daily rate of raw materials consumed or products produced should be reported in thousands of pounds per day, barrels per day, production units per day or other appropriate rate units. - - - - -
24. For any industrial wastewater discharge of 50,000 gallons per day, or 100 gallons per minute peak flow, or greater, an automatic full-time total flow measurement system is required. The system must include flow indication, totalization and recording. Detailed construction drawings of this installation must be submitted for Sanitation Districts approval. These drawings shall indicate pipe slopes, elevations, and locations, relevant dimensions, types and locations of instrumentation, the estimated flow range (minimum, maximum and average), and upstream and downstream piping, structures and devices which could influence flow through the meter. In addition, engineering calculations shall be supplied where unusual flow conditions exist and/or the proposed installation differs from published standards. Manufacturer's data sheets shall be included with the construction drawings for all manufactured equipment to be installed as part of the flow metering system. The flow meter shall incorporate a contact closure pulse signal which can be used to activate an automatic sampling device at uniform intervals of metered volume. The device must be capable of generating at

Least one pulse signal for each flow volume equivalent to 30 minutes at the average flow rate during the operating day of the facility. All electrical equipment and wiring to be installed in a confined space in communication with the vapor space of the public sewer shall be suitable for Class I, Group D, Division I, hazardous locations, as specified in Articles 500-517 of the National Electrical Code. Such electrical equipment and wiring shall be of explosion proof construction, or alternately, may be certified to be intrinsically safe by a nationally recognized testing laboratory, such as Underwriters Laboratories, Inc. or Factory Mutual Engineering Corp. Design of pretreatment systems and flow metering installations shall be performed under the supervision of a California registered professional engineer competent in this field. Design and construction drawings and calculations shall be stamped with the authorized seal of the supervising professional engineer, or signed over his registration number, to indicate his review and approval of the work.



- 25. An industrial wastewater sampling point must be designated by the applicant, and it's location in the wastewater system must be clearly indicated on a resubmitted plot plan or plumbing plan. The sampling point must be located downstream of all sources of industrial wastewater and of any gravity separation interceptor or other pretreatment equipment. Safe and convenient access to the sampling point must be provided for representatives of the Sanitation Districts. Where practicable, access to the sampling point shall be available from the public street, but the sampling point shall not be in any manhole located in the street. If a locked security enclosure is necessary, the Sanitation Districts shall be provided with two keys or the lock combination, or a Districts padlock shall be used to secure the sampling point area.



- 26. The information requested, as indicated by the checked boxes on this list, must be submitted to the Sanitation Districts' with your previously submitted plans and permit application, revised as necessary. Resubmittal should be made directly to the Sanitation Districts within 60 days of the date of the accompanying Transmittal Letter. - - - - -



T-5271

City of
Gardena

INSPECTOR'S REPORT

I-5277-2B
I.W.P. 2748

TO: Joe Knight

FROM: LeRoy Davis

FILE: Globe Illuminating Co
1515 W. 178th St, City of Gardena

DATE: 11-28-62

REPORT: Make regular inspection at
above plant

Person contacted was Paul Tingwall,
Plant Supt.

Found that smog-arresting
blower unit from paint spray booth has
been constructed, and is now in
operation. Air from paint spray
booth is forced to housing unit
built over s-a-176 trap. Air filter
pads in wall on two sides.

Paint particles fall into
inlet section of trap.

Mr. Tingwall stated that
approx. five gallons per week of
paint solids fall into trap.

In my opinion the above
I.W. unit is satisfactory.

Handwritten signature/initials

I-5277-2B

Mr. C. G. Bergen
Supt. of Street Department
1646 - 162nd Street
Gardena, California

September 25, 1962

Dear Mr. Bergen:

Enclosed are four sets of prints detailing a proposed filter shed and duct work to be constructed at Globe Illumination Co., 1515 W. 178th Street, Gardena, Calif.

The purpose of this construction is to captivate the overspray from our electro-static paint system which is now carried out into the atmosphere. The plans have been approved by the Air Pollution Control District.

These prints are submitted for your approval and authorization to empty the residual into the interceptor as noted. The residual will consist of atomized paint droplets and could conceivably amount to a maximum of three to five gallons per 24 hour period.

Inspector Mr. Joe R. Knight is familiar with the proposed construction and requested we submit these prints to your attention.

Very truly yours,

GLOBE ILLUMINATION COMPANY

Paul Tingwall

PT:smn

Enclosures

Maint. Dist. 0883.01
City of Garden

I. File No. 5277-2B
IWP 2748

INDUSTRIAL WASTE SURVEY

Firm Name: Globe Illuminating Co.
Address: 1515 W. 178th St, Garden Tel No. FA-19000
between Evelyn Ave and Dexter Ave

Contact: Name: Paul Tingwall Title: Plant Supt & Mgr.

Business and Processes: Lighting Fixture Manufacturer.
Fixtures are formed, spot welded, and assembled. I.W.
wastes as follows (1) 1800 gal per week of (alkaline cleaner) to sewer
every 2 months (2) 100 gal recirc. water from paint booth to sewer
once every 2 weeks (3) Phosphate from spot welder 1200
gal per wk to sewer (4) Paint sludge 4 bbls wk hauled off class:
by B.W. Disp. to (5) Bleedoff from cooling unit #201

FLOOR TROUGHS: Size: Sewer Connections (cont)
FLOOR DRAINS: Size: 3" Number: 2 Ell or Tee: ELL
Open: _____ Covered: _____ Screen: _____
Location: Between bath ovens & bonding unit

STD. TRAP: 5-9-176 G. Inter: _____ Dairy: _____ Other: _____
Size: Width: _____ Length: _____ Depth: _____
Width: _____ Length: _____ Depth: _____
Location: outside - east side of building

Type and Quantity I. W.: Average 600 gal/day I.W. to sewer
Sq. Ft. Surface Draining to Sewer: None

Remarks and Recommendations: of spot welding machines = 2 gal
per minute 4 hrs per day (6) Recirculating water
cooling system bleedoff = 10 gal/hr - 8 hrs day
maximum no problem of Ph control! Ph in
trap was 7.5

T.C.
get file

Constructed according to plans approved by
Doc Knight 10-30-61

Present I.W. facilities are adequate
This will be included in our periodic
inspection schedule.

Survey by: J. Davis Date: 6-1-62

Henderson - to file

4-5276

Office Copy

CITY OF GARDENA
ENGINEERING DEPARTMENT
INDUSTRIAL WASTE DIVISION
1646 W. Market Street
Gardena, California

FILE

Date November 1, 1961

INDUSTRIAL WASTE DISPOSAL PERMIT No. 2748; I-5277-20

Permission is hereby given, under Ordinance No. 440 (as amended)

to Globe Illuminating Company (Lighting fixture mfg.)
2121 South Main Street, Los Angeles 7, California
(Mailing Address)

to discharge industrial liquid waste from the premises located at:

1515 W. 178th Street, Gardena, California

into the public sanitary sewer.

Wastes covered by this permit shall consist of:

- Metal processing waste liquids i.e. (1) Bleed off of 2nd stage iron phosphate machine. (2) Waste from recirculated water spray paint booth.
- (3) Dumping stage #1 iron phosphate machine. (4) Occasional dumping of Bondrite 690.

and shall comply with all provisions of applicable ordinances of the City of Gardena and the regulations of the Los Angeles County Sanitation Districts; together with the special conditions and limitations marked (x) on the reverse side of this sheet and any special conditions and limitations attached hereto.

By the provisions of the Sanitary Sewer Ordinance of the City Engineer, this permit is not transferable from one person to another and may be revoked if used contrary to the provisions of the ordinance.

CITY ENGINEER

By [Signature]
Street Superintendent/Deputy

Permit Fee: \$10.00

Rec. #12590 - 11/1/61

ENGR-1213 (10/58 1C)

SPECIAL CONDITIONS AND LIMITATIONS

Industrial liquid wastes shall be pretreated by use of the following facilities prior to discharge into the sanitary sewer:

() A standard pretreatment facility designated by the City Engineer as Standard Sand and Grease Interceptor Standard No. S-a-175

() A grease interceptor of a type approved by the City Engineer with a flow capacity of _____ gallons per minute and grease retention capacity of _____ pounds.

() A garbage grinder approved by the City Engineer and equipped with a valve operating to automatically shut off the water supply when the grinder is not in use.

() Special facilities constructed in accordance with plans approved by the City Engineer, which plans are hereby made a part of this permit.

() Special facilities:

() Further special conditions and limitations are attached to this permit: Yes X No _____

The Sanitary Sewer Ordinance contains certain restrictions on the use of sanitary sewers for disposal of industrial liquid wastes. A copy of this ordinance may be obtained by applying to the City Engineer, City of Gardena, 1646 Market Street, Gardena, California.

In general the intent of the ordinance is that all contaminated wastes may be discharged into the sanitary sewer provided they do not contain substances which will damage sewerage structures, increase maintenance costs, interfere with operation of the sewage treatment plant or create hazards to maintenance personnel. Examples of prohibited substances are acids, inflammables, oil and grease, heavy solids and substances capable of releasing toxic or excessively odorous gases. Storm water or uncontaminated cooling water cannot be discharged to the sanitary sewer. All required pretreatment facilities must be regularly cleaned and otherwise maintained in good operating condition.

Compliance with the special conditions listed in this permit in no way relieves the permittee from the obligation of meeting requirements of the Sanitary Sewer Ordinance or liability for payment of costs of cleaning or repairing sewers occasioned by the violation of such ordinance.

Any additional information desired regarding this permit may be obtained by calling the Industrial Waste Division of the City of Gardena, 1646 Market Street, Gardena, California, DAVIS 4-1131, Extension 11.

SPECIAL CONDITIONS AND LIMITATIONS
INDUSTRIAL WASTE PERMIT NO. 2748
GLOBE ILLUMINATING COMPANY - I-5277-2B

1. This permit is issued to Globe Illuminating Company, for the disposal of industrial waste from manufacturing lighting fixtures at 1515 West 178th Street, Gardena, California.
2. Liquid industrial wastes shall be pretreated by passing through a Sand and Grease Interceptor, Standard No. S-a-176, prior to discharge into the sanitary sewer available to this site.
3. Uncontaminated cooling water and storm water run-off shall not be discharged to the sanitary sewer.
4. No oils, greases, tars, or other substances held in solution or suspension shall be discharged to the sewer which may clog, obstruct, or fill the sewer to cause damage, interfere with, or prevent the use thereof or which may necessitate or require frequent repair, cleaning, or flushing of the sewers.
5. All wastes, liquid or solid, not acceptable for discharge to the sanitary sewer shall be collected and stored in impervious containers pending transportation to a legal point of disposal.
6. The permittee shall certify by signing waste hauler's reports, the source, quantity and point of disposal for all substances removed from the premises for disposal at any other location. A typical waste hauler's report form is attached.
7. Waste disposal operations shall be conducted in such a manner that no nuisance is created.
8. Representatives of interested governmental agencies concerned with the disposal of industrial waste shall be permitted access at any reasonable time to take samples and inspect operations.
9. The City Engineer may modify this permit by addition, revision, or elimination of conditions and limitations herein as may be necessary to accomplish the purpose of Ordinance No. 449 covering the disposal of waste material.
10. Violation of any of the condition of this permit shall be cause of suspension or revocation of this permit.

JRK-tht

cc: City of Gardena
Office File ✓
Field File

REQUEST FOR:

I-NUMBER

DATA CHANGE

When requesting a new I-No., fill in B and C only.

When requesting a Data Change, fill in A completely and fill in only items to be changed in B.

A: (Fill in data as it appears on I.B.M. list now.)

I-No. 5277

Name Globe Illuminating Co.

Address 15-15 W. 178 ST. Zip Code _____

B: (Fill in new data as you want it to appear on the next I.B.M. list.)

Name Vacant

Address _____ Zip Code _____

Region-City _____ Status _____ Permit No. _____

Classif. 000 SMD _____ Disp. Code _____

C: Show plot or sketch showing dimensions of the property and ties to cross streets.

Located between streets _____ & _____

W.S. No. _____

Thos. guide _____

Change inspection frequency to 1'

By Randy McDonald Date 9-19-90

PROCESSING

File folder & indexing by _____

Plotted by _____

City or unincorporated _____

REQUEST FOR I NUMBER

I 52777-26

W.S. 26-4-5

Name GLOBE ILLUMINATING

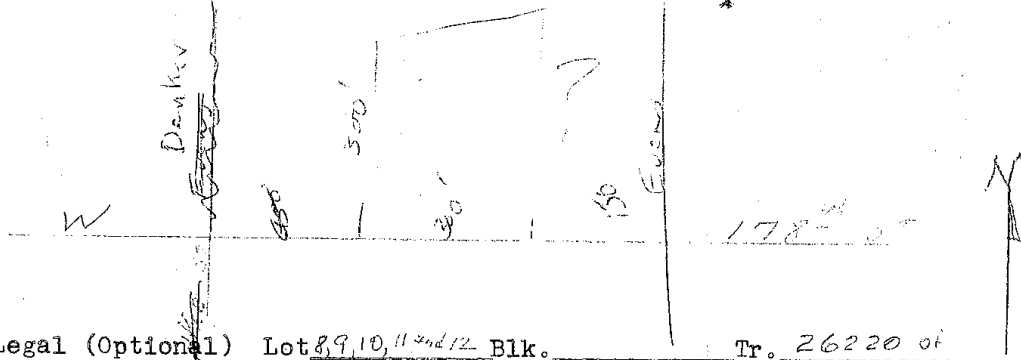
Address of Industry 1515 W. 178th St

(Do not show mailing address located elsewhere) Locality GARDENA

Between Western Ave & Norwindsie Ave

RECORDS SQUAD MUST BE FURNISHED WITH THE FOLLOWING ITEMS TO ENABLE PLOTTING THE PROPERTY ON OUR INDEX MAPS

- 1. A plot or sketch showing dimensions of the property and ties to cross streets



- 2. Legal (Optional) Lot 8,9,10,11 and 12 Blk. _____ Tr. 26220 of _____

By [Signature] Date 10-30-61

REQUEST FOR NAME CHANGE

I _____

Formerly: Name _____

Address _____

To: Name _____

Address _____

By _____ Date _____

PROCESSING

File folder & indexing by DR 10-31-61

Plotted by Pobes 1-11-62

City or unincorporated City of Gardena

IBM index by DR 10-31-61

Forward to "I" file upon completion of IBM indexing.

#162

GALLAGHER AND GALLAGHER
ATTORNEYS AT LAW, P.C.
ONE CONSTITUTION PLAZA
BOSTON, MASS. 02129

May 22, 1991

(617) 241-8800
FAX # (617) 241-7692

VIA TELEFAX (818-567-3129)

ATTN: Satish

Department of Health Services
Toxic Substances - Region 3
1405 N. San Fernando Blvd.
Suite 300
Burbank, CA 91504

Re: Globe Illumination Company
1515 W. 178th Street
Gardena, CA

Our File No.: 18754

Dear Satish:

Pursuant to Ch. 3.5, Secs. 6253, 6256 and 6257, I hereby request access to and photocopies of all documents in the care, custody or control of your organization which contain any information whatsoever regarding the above-mentioned facility, in particular, any pollution-related activities that occurred there.

In addition, I would request that a copy of this letter be distributed to all of your subdivisions, offices, sections, branches or bureaus as well as any archive facilities or appropriate regional offices. Please forward photocopies of all documents found and a bill for your expenses to my attention at the above address. Kindly contact me prior to incurring any costs in excess of \$500.

Please note that I do not represent the owners or operators of the above site, nor do I represent Globe Illumination Company, or any of its affiliated companies.

If you need more specific information to assemble these documents, please feel free to contact me at the telephone number indicated below.

Very truly yours,

Michael Hill
Michael Hill, Paralegal

Direct Dial
Tel. #(617) 241-4266

copies made spz

TOXIC SUBSTANCES CONTROL PROGRAM

RECORD OF PUBLIC REVIEW

Requester:	Representing:	Date:
Joseph Bernosky	TARHEE, Inc	7/2/90

I have read the Department's guidelines for review of public records and wish to inspect the following public record(s).

Complete Description of Record:

Name of Facility: GLOBE ILLUMINATION
 Address: 1515 W 178th St
 City: GARDENA State: CA Zip: _____

2
/

NOTICE TO FILE USERS: Most of this Department's files are active files and it is possible that some materials from the files are in use by Department employees.

(To be completed by Departmental Office:)
 ()
 (Approved _____ Inspected by _____ Date _____)
 ()
 (Disclosure of the requested record is prohibited by law:)
 ()
 ()
 ()

Department Representative:	Section/Unit:	Date:
SATISH K. GULATI, OT <i>sm</i> Fileroom Coordinator	Fileroom/TSSU	7/12/90

ATTACHMENT 1
SITE TRACKING SHEET

Site Name: GLOBE ILLUMINATION COMPANY

Site Location: 1515 W 178TH ST
GARDENA, CA 90248

ASPIS Facility File Number: _____

Site Screening _____ PA _____ SI _____

Site Summary: The company has been on the site since 1961
and manufactured lighting fixtures by forming,
spot welding, and assembling them. The company
uses phospholizer and electrostatic spray. The
wastes include acid and caustic solutions, detergent
soap waste, and paint sludge. The drive by in
1984 noted white residue surrounding barrels
barrels and on pavement, and discoloration
on the side of the building. Preliminary assessment
conducted on Feb 1985 was incomplete.
(Recommendation past).

Recommendation: Preliminary Assessment required.

Rationale/Supporting Documentation: _____

Supervisor: _____

Preparer: J. A. Butler

Hours Spent: _____
ASP 001
11/86

Date: 7-13-90.

DEPARTMENT OF HEALTH SERVICES

714/744 P STREET
SACRAMENTO, CA 95814



Preliminary Assessment Summary

Globe Illumination Company
1515 W. 178th Street
Gardena, California 90248

February 1985

Preparer: Sylvia Marson
Toxic Substances Control Division
Southern California Section
(213) 620-2380

PROBLEM AND HISTORY:

Since 1961, Globe Illumination Company has manufactured lighting fixtures by forming, spot welding, and assembling them. The company uses a phosphotizer which coats metal with iron phosphate. This preconditioner inhibits rust and causes paint to adhere to metal. The company also has an electrostatic spray paint operation. The paint is a "high solids" type baked enamel, used to eliminate overspray.

Wastes include acid and caustic solutions, detergent soap waste, and paint sludge. The acid and caustic solutions, detergent soap waste, and cooling unit bleed off liquids go through an interceptor, and are in a large tank outside the building. United Pump and Service hauls the tank away every three to six months, and replaces it with a clean tank.

An Abandoned Site Assessment Program (ASAP) drive-by on November 11, 1984, noted white residue surrounding barrels and on pavement, and discoloration on the side of the building.

RECOMMENDATION:

No further action. There is no evidence of hazardous waste disposal at this site. The white residue and discoloration are indications of sloppy housekeeping; therefore the site will be referred to the Department of Health Services' Southern California Section for inspection.

PRELIMINARY ASSESSMENT
Region 9

Preparer's Name Sylvia Marson

Date Feb. 1985

	SOURCE	INFORMATION
1. Site ID Number		
2. Site Name	Abandoned Site Project (ASP) Industrial Waste Survey 2/83	Globe Illumination Company
3. Site Location	ASP-Survey 2/83 Same as #2	1515 W. 178th Street Gardena, CA 90248
4. County	Same as #2	Los Angeles
5. Owner (Address & Telephone No.)	Leonard Rosenblatt, president phone memo 9/14/84	Leonard Rosenblatt, President Globe Illumination Co. 1515 W. 178th Street Gardena, CA 90248 (213) 321-9000
	----- Tax Assessor	
6. Operator (Address & Telephone No.)	Leonard Rosenblatt, president	Globe Illuminating 1515 W. 178th Street Gardena, CA 90248
7. Type of Ownership	Same as #6	Private
8. Status	Same as #6	Active
9. Source Activity	ASP Survey 2/83	Mfg. of lighting fixtures
10. Years of Operation	ASP Survey 2/83 Rosenblatt, pres.	1961 - present
11. Facility Type	Phone memo WB McDaniels 9/14/84	drums, sump, interceptor

13. Contacts

Sylvia Marson	Tax Assessor-microfiche	
Jim Smith	Dept. of Health Services	(213) 620-2380
John Lewis	Regional Water Quality Control Board	(213) 620-4066
Carl Sjoberg	LA Co. Engineers	(213) 738-2527
Leon Directo	LA Co. Sanitation Dist.	(213) 699-7411
Wayne Tsuda	LA Co. Health Dept.	(213) 744-3235

14. Incidents

Small plant fire "many years ago". No details available.

Fire and Explosion _____ Direct Contact _____

15. Inspections (date, type, by whom, recommendations)

Los Angeles County Sanitation District inspections:

4/24/84 - by Jensen. Discharge from phosphate line and paint bag house.
 2/06/84 - by Hynes. Routine inspection pH ok. No violations observed.
 12/22/83 - by Hynes. Routine inspection pH 9. Sump pumped twice a year.
 11/08/83 - by Hynes. Lab results expected.
 9/07/83 - by Hynes. Lab results expected.
 11/28/62 - LACE inspection by LeRoy Davis. I.W. unit satisfactory

16. Enforcement History (list date, type of action, requirements, outcome)

None recorded.

17a. Initial recommendation for further action: No further action, because there is no evidence of hazardous waste disposal at this site. Because of sloppy housekeeping, the site will be referred to Department of Health Service, Toxic Substances Control Division, Southern California Section for inspection.

17b. EPA recommendation for further action:

18. Response Termination: No Further Action Pending Active

Justification:

draft

Globe Illumination Company

2/85

1515 W. 178th St.

Gardena, CA 90248

Problem & History

Globe Illumination Company manufactures lighting fixtures by forming, spot welding & assembling them. The company uses a phosphatizer which coats metal with iron phosphate. This preconditioner inhibits rust & causes paint to adhere to metal. The waste from this operation passes through unlined, concrete sumps, then into the sewer. The sumps are pumped out by United Pump & Service approximately twice a year. The company also has an electrostatic spray paint operation. The paint is a "high solids" type baked enamel that produces less of an environmental problem than the previous baked enamel paint. Previously, the electrostatic paint system carried overspray into the atmosphere. Paint sludge is stored in a large tank outside the building. United Pump & Service hauls the tank away every 3-6 months, and replaces it with a clean tank.

Other wastes, such as acid solution, alkaline solution, caustic solution, detergent soap waste & cooling unit bleed off liquids go through the interceptor, before going to the sewer.

Recommendation

There is no historical regulatory agency record of hazardous waste disposal here. The Abandoned Site Project drive by on November 11, 1984 states that barrels & pavement had a white residue surrounding them, and that the side of the building was discolored. This is the only documentation of spills or on site disposal at this facility, therefore, staff recommends low priority.

PRELIMINARY ASSESSMENT
Region 9

Preparer's Name S. Mason

Date 2-85

	SOURCE	INFORMATION
1. Site ID Number		
2. Site Name	Abandoned Site Project - Industrial Waste Survey 2/83	GLOBE ILLUMINATION COMPANY
3. Site Location	ASP - Survey 2/83 same as #2	1515 W. 178th St. Gardena, CA 90248
4. County	same as #2	Los Angeles
5. Owner (Address & telephone no.)	Leonard Rosenblatt president phone memo 9-14-84 TAX Assessor	Leonard Rosenblatt, president Globe Illumination Co. 1515 W. 178 St. Gardena 90248 213-321-9000
6. Operator (Address & telephone no.)	Leonard Rosenblatt pres.	Globe Illuminating 1515 W. 178 St. Gardena
7. Type of Ownership		private
8. Status		active
9. Source Activity	ASP Survey 2/83	Mfg. of lighting fixtures
10. Years of Operation	ASP Survey 2/83 Rosenblatt, pres.	1961 - present
11. Facility Type	Phone Memo W B McDaniel 9-14-84	drums, sump, interceptor
12. Waste Type and Description	ASP Survey 2/83 R. Hartley, inspector Dept. Public Works 2-11-85 phone Memo	Mixed Acid Soln, Mild caustic soln, mild alkaline soln, detergent soap waste, paint sludge. Urn phosphate

13. Contacts : *TAX Assessor - Microfilm - S. Marson* | *L.A. County Engineers - Carl Sjoborg*
Dept. of Health Services - Jim Smith - 620-2380 | *Dept. Public Works 738-2527*
Regional Water Quality | *L.A. County Sanitation District - Leon Director - 699-7411*
Control Board - John Lewis - 620-4066 | *L.A. County Health Dept. - Wayne Tsuda - 744-3235*

14. Incidents

Fire and Explosion Direct Contact

15. Inspections (date, type, by whom, recommendations)

16. Enforcement History (list date, type of action, requirements, outcome)

17.a. Initial recommendation for further action: *There is no historical regulatory agency record of hazardous waste disposal here. The Abandoned Site Project drive by on 11-11-84 states that barrels + pavement had white residue surrounding them, and that the side of the building was discolored.*

17.b. EPA recommendation for further action: *This is the only documentation of spills or on site disposal at this facility. therefore staff recommends low priority.*

18. Response Termination: No Further Action Pending Active

Justification:

MEMO OF CALL

Name: Jeff Lens Date: 2-13-85
Firm: County Sanitation / Public Works Time: AM
Address: La Mirada Person Taking or Making Call: J. Mauser

Telephone No.: 534-4862

Subject: Globe Illumination Company

Message: His ^{inspection} records go back to 1977 - 9/84. no problems seen
Was not familiar w/ operation to give me any
details but no problems seen in file.

MEMO OF CALL

Name: Inspector Jensen Date: 2-13-85
Firm: Sanitation District Time: AM
Address: Whittier Person Taking or Making Call: J. Mason

Telephone No.: 685-5217

Subject: Globe Illumination Company

Message:

He is not familiar w/ this co. but file looks clean - no problems noted.

Phosphate wash is a pre conditioner - helps paint stick to metal & inhibits rust.

One thing to be aware of is if they make antique lamps - heavy metal Ni, Cr, usage could be a problem. Check if they do this - no mention in file.

He mentioned they are in electroplating category but really don't do electroplating - just pretreat & work w/ metal.

MEMO OF CALL

Name: WB Mc Daniels - plt mgr. Date: 2-13-85
 Firm: Globe Illumination Co. Time: Am
 Address: 1515 W. 17th St. Person Taking or Making Call: J Mason
Gardena 90248
 Telephone No.: 321-9000

Subject: Globe Illumination Co.

Message:

- Is paint water or oil base? He claims it's neither - it's called high solids - it's baked enamel. Before they used baked enamel in a spray operation that was detrimental to the envir. - too much spray in air. Changed paint to "hi solids" is better for envir.
- Paint sludge stored in containers - what type? Sludge is stored in a big tank outside, United Pump & Svc takes tank away every 3-6 mo.
- What is Bonderite 690 - used in 1961? It is used to clean parts before paint, in a 5-stage conveyor washer line, waste went to sewer. They now use CC97-S, a powder.
- Are the sumps? underground - above ground? lined - unlined? concrete sumps
- Any other changes in operation from the past? No

MEMO OF CALL

Name: Robert Hartley Date: 2-11-85
Firm: County Sanitation Time: Am
Address: _____ Person Taking or Making Call: Tallman

Telephone No.: 685-5217

Subject: Globe Illumination Co.

Message: _____

He could only recall a few things since he did not have the file. He did the inspection for Tallman.

They have a phosphatizer

The process is spray tank, dip tank, drain, rinse - phosphate wash of metal parts before printing.

They have 2-3 traps in line, an interceptor, He checks only last trap for sludge.

MEMO OF CALL

Name: WB McDaniels and
Leonard Rosenblatt - president
Firm: Globe Illumination

Date: 9-14-84

Time: _____

Address: 1515 W. 178th St.
Gardena

Person Taking or Making Call: J. MasonTelephone No.: 213-321-9000Subject: Company Operation / Disposal methods

Message: The Company has been in operation since 1961 + are active.
They mfg lighting fixtures. Per Rosenblatt, the Co. Sanitation
has inspected + put them in electroplating category - but
they do not do electroplating.

McDaniels says there is a sump on property - is emptied every
3 mo. (3umps - 2 lg + 1 small)

Rosenblatt says no sump - only pipes to sewer line.

He says containers hold paint sludge until hauled
away by United Pump + Service.

They use an electrostatic paint system - undercoat steel
with iron phosphate. They neutralize pH w/ sodium
hydroxide.

Telephone Contact

Plant Supervisor or other informed source:

Tele: 213-321-9000

DATE: 9-14-84

Verify contact:

Mr. W.B. Mc Daniels
and Leonard Rosenblatt

Hi, I'm S. Nelson a Waste Mgmt Specialist with the Calif. Dept. of Health Services. We are compiling information on sites used for mfg. or other practices that may have generated industrial waste. We are doing a follow up on earlier EPA forms including the hazardous waste notification form. (The purpose of our investigation is to locate abandoned hazardous waste disposal sites which could cause health or environmental problems) This review is called a Preliminary Assessment. Would you mind answering some questions regarding Globe Illuminating Co. (Co. name)

at 1515 West 178th St. in Gardena ?
(site address) (city)

✓ 1. Who is the legal owner of the property?

Name: Leonard Rosenblatt - president
Address:
Phone: same

Who is the present operator?

Name: Globe Illuminating Co.
Address: 1515 W. 178 St., Gardena
Tele: 213-321-9000

2. What is the present status of operation - inactive or active?

How many years has your company been operating at this site? 1961 - present

✓ 3. What products or materials are produced?

mfg. lighting fixtures

Brief description of methods:

4. What waste materials or by products are generated?

Paint sludge - dispose H₂O

per Mc Daniels
Rosenblatt says
none
Blendering -
CC97 cleaner -
3 mo. - sump drainage
Quantities:

approved thinners
electrostatic paint system undercoat steel w/ Fe phosphate

dump tank - ph
add - neutralizing chem
Sodium hydroxide

5. Have there been variations from past production methods?

6. What permits do you hold?

ISD (Interim Status Document)

yes - permits

INDUSTRIAL WASTE INSPECTION SUMMARY

REP

COMPANY NAME: GLOBE ILLUMINATION
 SITUS ADDRESS: 1515 W 178TH ST
 ACCOUNT NO.: 1146981 DISTRICT: 05

CT GARDENA 6106013040 MAP PAGE: 06
 90248

DATE: 09/07/83 INSPECTOR: HYNES
 VIOLATIONS: 52
 CORRECTIONS: 0
 MESSAGES: 102
 WASTE CHARAC: B
 FLOW: 5 GPM - C

MISSING CPR SWEEP. WORK HAS
 DO WORK. CONTACT WITHIN 30 DA
 EXPECT RESULTS WITHIN 30 DA

CONTACT: SID BARON

DATE: 11/08/83 INSPECTOR: HYNES
 VIOLATIONS: 49
 CORRECTIONS: 0
 MESSAGES: 102
 WASTE CHARAC: B
 FLOW: 5 GPM - C

CPR'S ORIGINAL LAB CONTACTED
 CONTACT IS ARRANGING WITH AND
 IN 30 DAYS.

CONTACT: SID BARON

DATE: 12/22/83 INSPECTOR: HYNES
 VIOLATIONS: 49
 CORRECTIONS: 0
 MESSAGES: 102
 WASTE CHARAC: B
 FLOW: 5 GPM - I

ROUTINE INSPECTION. PH 9. PAI
 ING METAL ALREADY PAINTED. SU
 CHECK ON CPR'S DN 12-27.

CONTACT: SID BARON

DATE: 02/06/84 INSPECTOR: HYNES
 VIOLATIONS: 49
 CORRECTIONS: 0
 MESSAGES: 103
 WASTE CHARAC: B
 FLOW: 25 GPM - C

ROUTINE INSPECTION. PH OK PIC
 VIOLATIONS OBSERVED.

CONTACT: SID BARON

DATE: 04/24/84 INSPECTOR: JENSEN
 VIOLATIONS: 0
 CORRECTIONS: 0
 MESSAGES: 0
 WASTE CHARAC: B
 FLOW: 0 GPM - I

BMR -FORM-BOMPTED DISCH FROM
 BAG HOUSE

CONTACT: W B MCDANIEL

TOTAL NO. OF INSPECTIONS = 5

Printed out 10-11-84
 by [unclear]
 Robert Wincake

ABANDONED INDUSTRIAL WASTE DISPOSAL SITE SURVEY

Your cooperation in completing this form is appreciated. If you are completing this form for several plants, please use a separate form for each plant your company has operated and/or currently operates in California. If you do not have adequate space, please use another sheet of paper and identify responses by the question number.

JAN 9 1983

Please return completed form by: _____

California Dept. of Health Services	
Abandoned Sites Project	
RECEIVED	
FEB 7 1983	
Street	90248
Zip	

ITEM I.

Name of Company: GLOBE ILLUMINATION COMPANY

Location of Company: 1515 WEST 178th STREET

GARDENA,

LOS ANGELES

City

County

If Subsidiary, Name of Parent Organization: Not applicable

Location: _____
Number Street

City

County

Zip

ITEM II.

A. Years of operation at this location: 19 61 to 19 83

B. Number of employees at this location: 250

C. List names and locations of any other plants your company operates or has operated in California since 1945:

Name	Location	Years of Operation	
		From: 19	to 19
		From: 19	to 19
		From: 19	to 19
		From: 19	to 19
		From: 19	to 19

D. Was your current location previously occupied by a different company? Yes No Unknown
If yes, what was the company name or major type of product?

ITEM III.

List and explain your principal products, operations, and/or service, and percent of total production, or operation:

Manufacture of lighting fixtures

ITEM IV. WASTE DISPOSAL PRACTICES

Please complete for all major industrial wastes produced at this location. Using the key below, indicate the method of disposal of each type of waste and whether disposed of on plant property or off plant property. If you are disposing of wastes into a sewer, please indicate the annual volume of each type of waste sewered. Use codes listed below as per e.g.

- | | | | |
|-----------------------------------|-------------|---|----------------------------|
| 1. Sewer | 4. Landfill | 7. Wells | 10. Incinerator |
| 2. Storm Drain | 5. Ponds | 8. Injection Well | 11. Recycling |
| 3. Surface Water | 6. Pits | 9. Mine Shaft | 12. Other (Please specify) |
| A. Disposed of on plant property | | C. Treated/disposed of on plant property | |
| B. Disposed of off plant property | | D. Treated/disposed of off plant property | |

Types of Waste (From Item No. IV)	Current Annual Volume (Indicate Units)	Current Disposal Methods (Indicate Volume)	Pre-1972 Disposal Method
e.g., No. 2, Acid Solution	8,500 Gals.	1C-8,000 Gals 4B-500 Gals	5A
Mild acid solution	6,000 gals.	1C-6,000 gals.	Same
Mild Caustic solution	1,000 gals.	1C-1,000 gals.	Same
Mild alkaline solution	500 gals.	1C- 500 gals.	Same
Detergent soap waste	1,000 gals.	1C-1,000 gals.	Same
Paint sludge	2,000 gals.	4B-2,000 gals.	Same

COMMON INDUSTRIAL WASTES

- | | | | |
|---------------------------|---------------------------------|-----------------------------------|-----------------------------|
| Acetylene sludge | Caustic | Flux | Phenol waste |
| Acid sludge, solution | Centrifuge solids | Fly ash | Photo processing waste |
| Adhesives | Chemicals, sludge | Glaze sludge | Plating sludge, solution |
| AFU floc | Chemical spill residue, cleanup | Heavy metal solution, sludge | PCBs |
| Alkaline sludge, solution | Clarifier sludge | Hydrocarbon solid, chlorinated | Polymer, coating waste |
| Alum floc, sludge | Coke | Hydroxide sludge | Polystyrene |
| Aluminum dust | Coolants | Ink, sludge, rinse water | Polyvinyl chloride PVC |
| Asbestos, dust | Corrosion inhibitor | Kieselguhr clay | Sealant sludge |
| ASP filter cakes | Cyanide solution | Leaching and scrubbing residue | Solvent |
| Battery acid, sludge | Detergent, soap waste | Metal dust, machining wastes | Stretford solution |
| Bilge water | Drilling mud | Oils, emulsions | Sulfide sludge |
| Binder solids | Drugs, contaminated wastes | Organic chemicals, stripper | Tank, stills, sump sediment |
| Blasting sand | Epoxy | Oxidizer waste, sludge | Tanning sludge |
| Capacitor, electrical | FCC wastes | Paint sludge | Tetraethyl lead sludge |
| Catalyst | Filter cake sludge | Pesticide containers, rinse water | Wash water |

ITEM V.

Are there any inactive industrial waste disposal sites on the plant property? Yes No Unknown

If yes, indicate type(s) of disposal site(s).

<input type="checkbox"/> Incinerate	<input type="checkbox"/> Ponds	<input type="checkbox"/> Pits	<input type="checkbox"/> Well
<input type="checkbox"/> Containers	<input type="checkbox"/> Injection Well	<input type="checkbox"/> Mineshaft	<input type="checkbox"/> Land Disposal

ITEM VI.

Please complete for any wastes disposed of OFF your plant's property before 1972.

Location of Site	Name of Hauler	Approximate Time Period Used
	ABCO Disposal	1961-1978

Name of responsible company official to contact: Charles A. Tibbetts

Title: Plant Manager

Phone: (213)321-9000 Ext. 244

APPLICATION NO.

E 43740

EXISTING INDUSTRY
PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE
SANITATION DISTRICTS OF LOS ANGELES COUNTY
2020 Beverly Blvd., Los Angeles, Calif. 90057
John D. Parkhurst, Chief Engineer and General Manager

PERMIT NO.
1502

GARDENA, Calif.* 4/1/1974
MO. DAY YR.

APPLICATION IS HEREBY MADE BY* GLOBE ILLUMINATION COMPANY
(Mailing Address) 1515 W. 178TH STREET COS GARDENA, CALIFORNIA 90248
(STREET) (CITY) (STATE) (ZIP)

TENANT is of the property located at:
(OWNER, TENANT, ETC.)
(Street) 1515 W. 178TH STREET (City) GARDENA, CA. (Zip) 90248
PRINT (ADDRESS OF PROPERTY PRODUCING WASTEWATER DISCHARGE)

Assessors Map Book No. 6106 Page No.* 013 Parcel No.* 040 & 041
(LEGAL ADDRESS OF PROPERTY PRODUCING WASTEWATER DISCHARGE)

AT SUMP HOUSE, EAST SIDE OF BUILDING
PRINT (LOCATION OF POINT OF WASTEWATER DISCHARGE TO SEWERAGE SYSTEM)

for a Permit for Industrial Wastewater Discharge to the sewerage system.

13 Type of Industry* ELECTRIC LIGHTING FIXTURES M, 17 3642
(GENERAL DESCRIPTION) (FEDERAL SIC NOS.)

19 Number of Employees (Full Time)* 190 (+/-) (Part Time)* NONE
S

21 Raw Materials Used* PHOSPHATE (WASH BEFORE PAINTING METAL)
(GENERAL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

Products Produced FLOUORESCENT LIGHTING FIXTURES
(GENERAL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

Wastewater Producing Operations PHOSPHATE WASH OF METAL BEFORE PAINTING THEN FLOWS TO SUMP HOUSE (INTERCEPTOR) THEN TO SEWER SYSTEM. ALL SLUDGE HAULED AWAY.
(FULL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

31 Time of Discharge - * 7:30 AM/PM to 4:00 PM, Days per Week* (M) (T) (W) (Th) (F) Sa Su
(WORKING DAY - CROSS OUT AM OR PM) (CIRCLE DAYS)

* Wastewater Flow Rate* (BASED ON 18 GPM) 8,640 AA (Gallons Per Day)

Constituents of Wastewater Discharge WATER, PAINT & CHEMICALS REMOVED AT SUMP HOUSE
(GENERAL DESCRIPTION - ATTACH CHEMICAL ANALYSES RESULTS TO THIS APPLICATION)

Person in company responsible for industrial wastewater discharge:
41 W. B. McDANIEL PAINT DEPT FOREMAN 321-9000
PRINT (NAME) (POSITION) (TELEPHONE NUMBER)

I affirm that all information furnished is true and correct and that the applicant will comply with the conditions stated on the back of this permit form.
Date APRIL 1, 1974

Signature for Applicant [Signature] (COMPANY ADMINISTRATIVE OFFICIAL) (NAME) [Signature] (POSITION)

Approved by City or County Official _____ Date 4-1-74

For Dept. of County Engineers Approved by Sanitation Districts of Los Angeles County
City of Gardena Date _____
Name Frank Antierie by _____
Position City Engineer Position _____

3740

PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE
SANITATION DISTRICTS OF LOS ANGELES COUNTY

1502

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

2020 Broadway, Beverly Hills, Los Angeles, Calif. 90057

John D. Parkhurst, Chief Engineer and General Manager

1955 Workman Mill Road
P. O. Box 4998
Whittier, California 90607

GARDENA, Calif.*

4/1/1974
MO. DAY YR.

APPLICATION IS HEREBY MADE BY

GLOBE ILLUMINATION COMPANY

33 (Mailing Address) 1515 W. 178TH STREET COS GARDENA CALIFORNIA 90248
(STREET) (CITY) (STATE) (ZIP)

37 TENANT (OWNER, TENANT, ETC.) of the property located at:

39 (Street) 1515 W. 178TH STREET (City) GARDENA CA. (Zip) 90248
PRINT (ADDRESS OF PROPERTY PRODUCING WASTEWATER DISCHARGE)

Assessors Map Book No. 6106 Page No.* 013 Parcel No.* 0404041
(LEGAL ADDRESS OF PROPERTY PRODUCING WASTEWATER DISCHARGE)

41 AT SOAP HOUSE EAST SIDE OF BUILDING
PRINT (LOCATION OF POINT OF WASTEWATER DISCHARGE TO SEWERAGE SYSTEM)

for a Permit for Industrial Wastewater Discharge to the sewerage system

13 Type of Industry* ELECTRIC LIGHTING FIXTURES 3646
(GENERAL DESCRIPTION) (FEDERAL SIC NOS.)

19 Number of Employees (Full Time) 180 (Part Time) NONE
(GENERAL DESCRIPTION) (FEDERAL SIC NOS.)

21 Raw Materials Used* PHOSPHATE (WASH BEFORE PAINTING METAL)
(GENERAL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

Products Produced* FLUORESCENT LIGHTING FIXTURES
(GENERAL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

Wastewater Producing Operations* PHOSPHATE WASH OF METAL BEFORE PAINTING THEN GLOW
TO SOAP HOUSE (INTERCEPTOR) THEN TO SEWERAGE. ALL LOGS HAULED AWAY.
(FULL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

31 Time of Discharge* 7:30 AM/PM to 4:00 AM/PM Days per Week* M T W Th F Sa Su
(WORKING DAY - CROSS OUT AM OR PM) (CIRCLE DAYS)

* Wastewater Flow Rate* (GAL/HR OR GPM) 8,540 AA (Gallops Per Day)

Constituents of Wastewater Discharge* WATER, PAINT & CHEMICAL REMOVED AT SOAP HOUSE
(GENERAL DESCRIPTION - ATTACH CHEMICAL ANALYSES RESULTS TO THIS APPLICATION)

Person in company responsible for industrial wastewater discharge:
41 W.B. Mc DANIEL PAINT DEPT FOREMAN 561-9000
PRINT (NAME) (POSITION) (TELEPHONE NUMBER)

I affirm that all information furnished is true and correct and that the applicant will comply with the conditions stated on the back of this permit form.

Date APRIL 1, 1974

Signature for Applicant: [Signature] (NAME) [Signature] (POSITION)

Approved by City or County Official: [Signature] (NAME) [Signature] (POSITION)

Date 8-1-74

For Dept. of County Engineers Approved by Sanitation Districts of Los Angeles County

City of Gardena Date Aug. 14, 1975

Name Frank Stuber by Alfredo C. Reyes
Position Ctl. Engr Position Plan Eval Engr

Note: A permit fee may be required by the local City or County Agency.
This form when properly signed shall be a valid permit unless suspended or revoked.

Office Copy

CITY OF GARDENA
ENGINEERING DEPARTMENT
INDUSTRIAL WASTE DIVISION
1646 W. Market Street
Gardena, California

FILE

Date November 1, 1961

INDUSTRIAL WASTE DISPOSAL PERMIT No. 2743, I-5277-2B

Permission is hereby given, under Ordinance No. A40 (as amended)

to Globe Illuminating Company (lighting fixture mfg.)

2121 South Main Street, Los Angeles 7, California

(Mailing Address)

to discharge industrial liquid waste from the premises located at:

1515 N. 178th Street, Gardena, California

into the public sanitary sewer.

Wastes covered by this permit shall consist of:

- Metal processing waste liquids i.e. (1) Bleed off of 2nd stage iron phosphate machine. (2) Waste from recirculated water spray paint booth.
- (3) Dumping stage #1 iron phosphate machine. (4) Occasional dumping of Zonderite 690.

and shall comply with all provisions of applicable ordinances of the City of Gardena and the regulations of the Los Angeles County Sanitation Districts; together with the special conditions and limitations marked (x) on the reverse side of this sheet and any special conditions and limitations attached hereto.

By the provisions of the Sanitary Sewer Ordinance of the City Engineer this permit is not transferable from one person to another and may be revoked if used contrary to the provisions of the ordinance.

CITY ENGINEER

By L. A. Bonam
Street Superintendent

Permit Fee: \$10.00

Rec. #12590 - 11/1/61

ENGR-1213 (10/58 1C)

Maint. Dist. 0883.01
City of Gardens

I. File No. 5277-2B
IWP 2748

INDUSTRIAL WASTE SURVEY

Firm Name: Globe Illuminating Co.
Address: 1515 W. 178th St, Gardens Tel No. FA-19000
between Euclid Ave and Dentler Ave

Contact: Name: Paul Tingwall Title: Plant Supt & Mgr
Business and Processes: Lighting Fixture Manufacturer

Fixtures are formed, spot welded, and assembled. Ind. wastes as follows: (1) 1800 gal per week of (alkaline cleaner) to sewer every 2 months (2) 100 gal recirc. water from paint booth to sewer once every 2 weeks (3) Phosphate from spot welder 1200 gal per wt to sewer (4) Paint sludge 4 bbls wt hauled off cl by B.T.D. Disp. to (5) Bleedoff from cooling unit #2

FLOOR TRENCHES: Size: sewer connection (cont)
FLOOR DRAINS: Size: 3" Number: 2 Ell or Tee: ELL
Open: _____ Covered: _____ Screen: _____
Location: Between data oven & bonding unit

STD. TRAP: 5-9-176 G. Inter: _____ Dairy: _____ Other: _____
Size: Width: _____ Length: _____ Depth: _____
Width: _____ Length: _____ Depth: _____
Location: outside - east side of building

Type and Quantity I. W.: Average 600 gal day I.W. to sewer
Sq. Ft. Surface Draining to Sewer: none

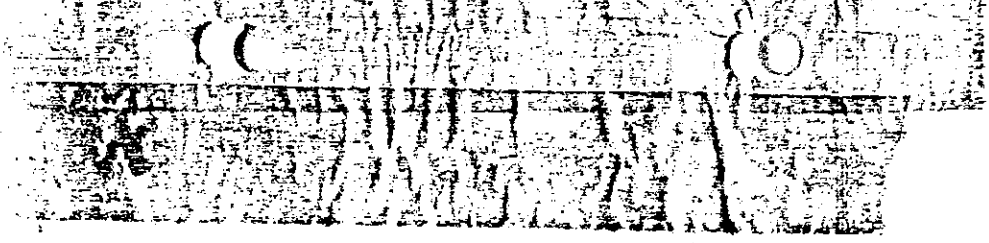
Remarks and Recommendations: of spot welding machines = 2 gal per minute 4 hrs per day (6) Recirculating water cooling system bleedoff = 10 gal/hr - 2 hr day maximum no problem of Ph control. Ph in trap was 7.5

T.C
JFK

Constructed according to plans approved by Joe Knight 10-30-61
Present I.W. facilities are adequate
This will be included in our periodic inspection schedule.

Survey by: J. Davis Date: 6-1-62

LACE files



I-5277-28

Mr. C. G. Bergen
Supt. of Street Department
1646 - 162nd Street
Gardena, California

September 25, 1962

Dear Mr. Bergen:

Enclosed are four sets of prints detailing a proposed filter shed and duct work to be constructed at Globe Illumination Co., 1515 W. 178th Street, Gardena, Calif.

The purpose of this construction is to captivate the overspray from our electro-static paint system which is now carried out into the atmosphere. The plans have been approved by the Air Pollution Control District.

These prints are submitted for your approval and authorization to empty the residual into the interceptor as noted. The residual will consist of atomized paint droplets and could conceivably amount to a maximum of three to five gallons per 24 hour period.

Inspector Mr. Joe R. Knight is familiar with the proposed construction and requested we submit these prints to your attention.

Very truly yours,

GLOBE ILLUMINATION COMPANY

Paul Tingwall

PT:mn

Enclosures

INSPECTOR'S REPORT

City of
Gardena

I-5277-2

I.W.P. - 2748

TO: Joe Knight

FROM: LeRoy Davis

FILE: Globe Illuminating Co

1515 W. 178th St, City of Gardena

DATE: 11-28-62

REPORT: Make regular inspection at
above plant

Person contacted was Paul Tingwall,
Plant Supt.

Found that smog-arresting
blower unit from paint spray booth has
been constructed, and is now in
operation. Air from paint spray
booth is forced to housing unit
built over s-a-176 trap. Air filter
pads in wall on two sides.

Paint particles fall into
inlet section of trap.

Mr. Tingwall stated that
approx. five gallons per week of
paint solids fall into trap.

In my opinion the above
I.W. unit is satisfactory.

SANITATION DISTRICTS OF LOS ANGELES
INDUSTRIAL WASTEWATER
CRITICAL PARAMETER REPORT FORM

PERMIT NO.
1502

Ident. Code	PARAMETER 1/	2/	QUANTITY VALUES	Ident. Code	PARAMETER 1/	2/	QUANTITY VALUES
A	Flow (Total)		gals/day	V	Manganese - Total		.03 mg/l
B	Flow (Peak)		gals/min.	W	Mercury - Total		*1 mg/l
C	COD		396.1 mg/l	X	Molybdenum - Total		mg/l
D	SS (Suspended Solids)		251 mg/l	Y	Nickel - Total		.08 mg/l
E	pH		9.4 Units	Z	Selenium - Total		mg/l
F	Total Dissolved Solids		854 mg/l	AA	Silver - Total		mg/l
G	Ammonia (N)		0.2 mg/l	BB	Sodium - Total		mg/l
H	Sulfide		*.1 mg/l	CC	Thallium - Total		mg/l
I	Cyanide		*1 mg/l	DD	Tin - Total		mg/l
J	Fluoride		mg/l	EE	Titanium - Total		mg/l
K	Aluminum - Total		mg/l	FF	Zinc - Total		.3 mg/l
L	Antimony - Total		mg/l	GG	Oil & Grease (HEXANE EXTRACT)		*2.5 mg/l
M	Arsenic - Total		mg/l	HH	Phenols		mg/l
N	Beryllium - Total		mg/l	II	Surfactants (MBAS)		mg/l
O	Boron - Total		mg/l	JJ	Chlorinated Hydrocarbons (EXCEPT PESTICIDES)		*1 mg/l
P	Cadmium - Total		mg/l	KK	Pesticides (CHLOR. MYCARB.)		mg/l
Q	Chromium - Total		.4 mg/l	LL	Radioactivity (ALPHA, BETA, GAMMA)		pCi/l
R	Cobalt - Total		mg/l	MM	Temperature		103° Degrees F
S	Copper - Total		.01 mg/l	NN	Color		Units
T	Iron - Total		.3 mg/l	OO	Thiosulfate (S)		mg/l
U	Lead - Total		*.1 mg/l				
NON-CRITICAL PARAMETERS (Report When Available)				OTHER PARAMETERS (Report When Requested)			
PP	Calcium		mg/l	A1	Raw Material or Product Quantities		per day
OO	Magnesium		mg/l	A2			
RR	Potassium		7.5 mg/l	A3			
SS	Barium		mg/l	A4			
TT	Nitrate		mg/l	A5			
UU	Chloride		mg/l	A6			
VV	Bromide		mg/l	A7			
WW	Sulfate		mg/l	A8			
XX	Phosphorus-Ortho		mg/l				

NOTES:

- Report all critical parameters required by the Sanitation Districts and any other critical parameter known to be present in the wastewater. Those parameters required by the Districts but known to be absent from the wastewater may be reported by placing the word absent in the appropriate space.
- If values are obtained by measurements or analyses write A in this column. Analysis values must be determined, using representative 24-hour composite samples, by a State Certified or Districts Approved Laboratory. If values are obtained by estimate, write E in this column. Estimated values are acceptable for new plants only.

Durkee Testing Laboratories 1520 W. 178th St. Gardena, California 90248

(PRINT) NAME AND ADDRESS OF LABORATORY PERFORMING ANALYSES AND FLOW MEASUREMENTS

Globe Illumination Company

(PRINT) NAME OF COMPANY HAVING WASTEWATER DISCHARGE

BIC NUMBER(S)

1515 West 178th St. Gardena, California 90248

(PRINT) ADDRESS OF WASTEWATER DISCHARGE

(PRINT) ADDITIONAL LOCATION DATA (DATA ABOVE SHOULD BE FOR ONLY ONE DISCHARGE POINT TO THE SEWERAGE SYSTEM)

Statement of Accuracy of Data

I hereby affirm that the above data comprise a true and correct representation of the wastewater discharged from the stated discharge point.

Date: _____ Location: _____, California _____

(SIGNER'S) NAME

POSITION (ADMINISTRATIVE OFFICER OF COMPANY WITH WASTEWATER DISCHARGE)

Our Rec. Log No. K-3514
Lab Report No. X-3097

*Less than

Name: Globe Illuminating Co

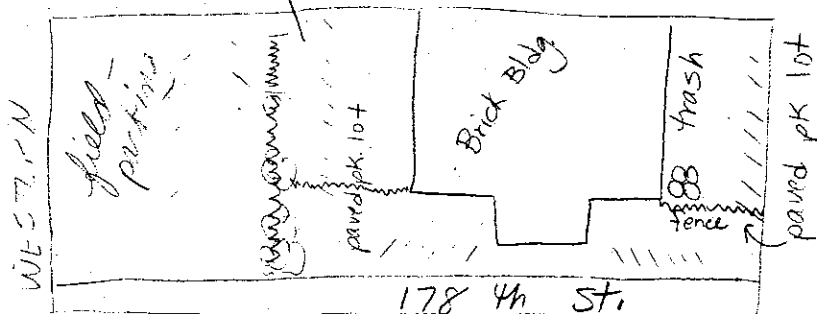
Address: 1515 W. 178th St.

City, Zip: Gardena

SIC.# _____

SITE DRIVE-BY

1. Status a. Active b. Different Company _____
 Inactive
2. Setting a. Urban b. Residential c. Near: RR tracks
 Suburban Commercial Drainage
 Rural Industrial Freeway
 Other _____ Other _____
3. Waste a. Group 1 b. Liquid c. Undetermined
 Group 2 Sludge None Visible
 Group 3 Solid
 Other _____
4. Waste Containment a. Pond b. Drum/Brl c. To: Ground
 Sump Pail/Can Paving
 Pit Trash can Drain
 Dumpster Other _____
 Box/Pallet
 d. Piled Bag/Sack e. Tanks
 Scattered Vehicle Other _____
5. Miscellaneous a. Odors from nearby indus. (?) b. Vegetation O.K.
 c. Topography flat d. Site Observability fair
6. Map & Comments A graphic site description. In addition to above, draw, describe and comment on the following: Buildings, Paving, Storage (raw material and products) Security, Vacant Areas, and Housekeeping. Also identify streets, landmarks, directions, etc.



Area looks clean - enclosed area. Large bldg.

7. Evaluation a. No Problem b. SAP Follow-up _____
 c. Possible Abandoned Site d. Referral to _____

Date: 10-2-84

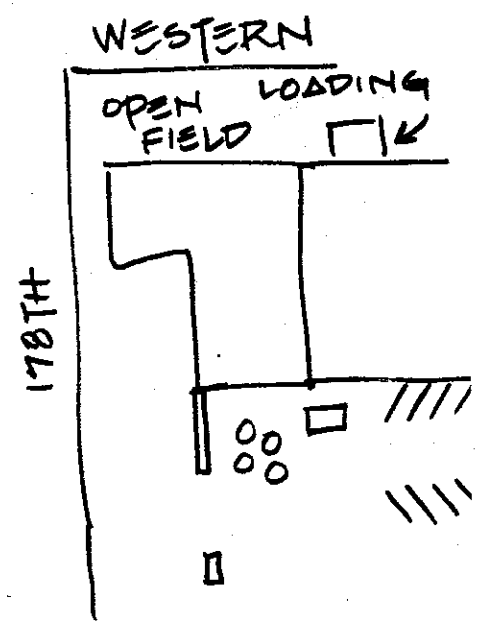
Name: Livia Mason

11-23-82
 50 W. 178th St.
 Gardena, CA

SITE NAME	ADDRESS	COMMENTS	CURRENT COMPANY ON SITE
GLOBE ILLUMINATION	1515 W. 178TH ST. GARDENA		
	ARTESIA TO WESTERN - LEFT ON WESTERN - LEFT ON 178TH		

DRIVE BY CHECKLIST

TYPE OF WASTE	
EXTREMELY HAZARDOUS/HAZARDOUS WASTE	
NON-HAZARDOUS WASTE	
UNKNOWN TYPE WASTE	<input checked="" type="checkbox"/>
UNDETERMINED WHETHER OR NOT WASTE IS PRESENT	
DISPOSAL METHOD/WASTE LOCATION	
PITS/PONDS/SUMPS (EMPTY OR FULL)	
DRUMS (55 GAL.)/TANKS (OTHER THAN RAW MATERIAL STORAGE)	
NO INDICATION OF WASTE	<input checked="" type="checkbox"/>
LOCALE	
RECREATION AREA	
URBAN AREA	
RESIDENTIAL AREA	<input checked="" type="checkbox"/>
RURAL AREA	
INDUSTRIAL AREA	<input checked="" type="checkbox"/>
COMMERCIAL AREA	
UNDEVELOPED AREA	
<u>ACTIVE/INACTIVE SITE (CHECK ONE)</u>	
IMMEDIATE ENVIRONMENT	
LIQUID/SEMI-LIQUID Oozing, seeping, or leaching from the ground FROM BARRELS	<input checked="" type="checkbox"/>
SPECIFIC SITE ODOR PERCEIVABLE	
PILES OF DRY MATERIALS	
RANDOMLY SCATTERED DEBRIS	<input checked="" type="checkbox"/>
DISTURBED TOPOGRAPHY	
STRESSED/IRREGULAR VEGETATION	
LITTLE/NO VEGETATION	
SOIL DISCOLORED	
SURFACE WATER NEARBY (LAKE, RIVER, STREAM)	
STANDING WATER ON SITE DISCOLORED	
NO APPARENT PROBLEMS VISIBLE	
DANGER/PUBLIC HEALTH	
WASTE ACCESSIBLE TO PUBLIC (SITE NOT SECURED/WASTE HIGHLY MOBILE GATED)	
NEARBY RESIDENTIAL AREA (SITE SECURED/WASTE NOT HIGHLY MOBILE)	<input checked="" type="checkbox"/>
DRAINAGE SYSTEM: NATURAL/MAN MADE	
NO APPARENT DANGER	
DANGER UNKNOWN	<input checked="" type="checkbox"/>



- BARRELS & PAVEMENT HAVE WHITE RESIDUE SURROUNDING.
 - SIDE OF BLDG. DISCOLORED

APPENDIX F
QUALIFICATION OF ENVIRONMENTAL PROFESSIONAL

Mr. Hyung Kim / Principal Consultant

He started his professional carrier in 1995 while pursuing his M.S. degree in Environmental Engineering at USC and has been in charge of the overall operation for more than 8,000 environmental engineering & assessment projects throughout the United States from private sectors in financial institutes, development firms, and various real-estate management groups to public & governmental facilities. Mr. Kim's responsibility involved marking management, technical & financial management, engineering & consulting and overall control of environmental projects in relation with private and governmental & public clients. With strong educational and professional background in hazardous waste management, environmental regulatory compliance and engineering/assessment planning, he played a pivotal role in the overall operation of client marketing and environmental project management. He oversaw and trained most of in-house technical staff and directed environmental planning, abatement, engineering, assessment, and remediation projects with assistance from R.G, REA, I.H., CAC, P.E. and other environmental certified professionals.

During recent years, he conducted many technical presentations to SBA members and participating lenders, brokerage firms, industrial associations, credit unions, loan underwriters, lending partners, credit administrators and environmental risk mangers, conduit lenders, environmental association, and policy makers in commercial lenders, with immense success and recognition for technical appreciation among lenders.

Environmental Site Assessment Phase I / Transaction Screen Due Diligence

Conducted over 1000 ASTM E1527 and E1528 Environmental Site Assessment (ESA) projects since 1997. He has managed nearly 2,200 ESA projects performed nationwide since 1999, with full responsibility as the Chief Signatory Assessor over QA/QC on subcontractors, in-house staff assessors, engineers and consultants. Projects include mainly industrial and commercial properties, facility compliance audit, NPDES permitting, Clean Air Act and Clean Water Act, RCRA and CERCLA regulatory compliance assessments, Fannie Mae & HUD project due diligence, and many more high-caliber commercial portfolio assessment. Held periodic lender training and professional seminar/presentation to real estate professionals, legal counsels and loan underwriters.

Phase II Subsurface Investigation & Pollution Characterization

Co-managed over 150 subsurface investigation in CA, NJ, NY, TX, WA, MD, CO, AZ, with PE, RG and RHG, involving various types of drilling such as geo-probe / direct-push, hollow-stem (limited access to high torque) or solid-stem auger, bucket auger, air rotary or percussion hammer, hydro-punch, limited access drilling, hand-auger, soil vapor probing, etc. Conducted LPH bailing and quarterly groundwater monitoring & sampling under RWQCB's requirement for UST cleanup fund. Conducted under supervision of RG soil characterization, well development, piezometric investigation, PID/FID measurement. Written quarterly groundwater monitoring report, subsurface investigation reports, bid proposal, unit cost breakdown estimation.

Logged soils using the United Soil Classification System (USCS) and American Standards for Testing of Materials (ASTM) Methods, including testing for dry strength, dilatency, toughness, plasticity and pocket penetrometer testing. Logged bulk and undisturbed bedrock samples, cores, and in-place materials (via down-hole logging) including descriptions of color, rock type, bedding/splitting properties, orientations, lineations, fracture characteristics and frequency, hardness, strength, and weathering. Worked on work plans, work orders, lab data organization, drafted and submitted civil engineer approved plans.

Extensively trained in hydrogeology by RHG and RG for southern California region, groundwater contour estimation, recharge rate monitoring, surveying, description of regional hydrology based upon Bulletin 104 and 109, USGS Topo, posted well measuring data. Installed with and assisted R.G., monitoring and

extraction wells, including water table wells, upper and lower aquifer characterization wells, vertical profile cluster wells, multiport vapor piezometer wells, multipurpose groundwater and vapor piezometer wells, constructed using PVC, stainless steel. Wells constructed through auger/temporary casing annulus by dropping/tremie methods.

Phase III Environmental Site Remediation & Cleanup

Managed and worked with RGs and PEs on mass transfer calculation from pilot testing, vapor radius of influence, assisted C.E. in VES design calculation, calculation of mass removal rate, pore volume exchange time, length of SVE operation, or Soil Vapor Extraction and Dual Phase High Vacuum Extraction remediation projects.

Calculated and work with Registered Hydro-Geologist to conduct remedial action plan, feasibility study, pilot remediation testing study involving evaluation and calculation of transmissivity, storativity, hydraulic conductivity, specific storage, seepage velocity, groundwater capture zone ROI and other hydrologic parameters.

Underground Storage Tank/Clarifier Abandonment & Regulatory Closure

Managed over 50 site abandonment including gas service station, private fueling station, industrial clarifier, from permitting, regulatory compliance, sampling & reporting, degassing/dryicing/certificate, contract management, AQMD Rule 1166 excavation monitoring via PID and FID.

Personally closed 34 UST sites in various cities in Kern, Los Angeles, Riverside, San Bernardino and Orange Counties, by conducting and managing the entire processes involving EPI generator ID, degassing/triple rinsing/dry icing/vacuuming, civil work (excavation, saw cutting, backfilling, compacting, resurfacing), CIH/Marine Chemist UST Certificate, UST invert soil sampling via auger, complete closure report write up and regulatory compliance check. Managed four sites (Huntington Park, Gardena, City of Industry, Vernon) of UST abandon in place and subsurface investigation projects upon regulatory preapproval due to structural complication with abandonment via removal.

Conducted approximately 12 industrial pretreatment clarifier closure under County of Los Angeles Department of Public Works jurisdiction entailing plan check, permitting, closure, soil sampling and reporting according to CLDPW enforcement regulation.

Asbestos/Lead/IAQ/Mold Assessment & Abatement

1996-2000 managed over 120 public & private abatement projects with CACs, CIH and DHS Inspectors. With hands-on experience from identification of hazardous material thru inspection and survey to actual abatement and disposal management of such wastes including recycling of mercury vapor and PCB ballasts, Mr. Kim has been the key technical and managerial representative in more than 100 public works involving numerous projects.

Prepared IIPP, H&S, Respiratory Protection Plan, QAQC abatement procedures and regulatory compliance. Mold abatement, IAQ inspection with CIH, AQMD permitting of Negative Air Machines, HEPA Vacuum, preparation of abatement work plan, Procedure 5 emergency abatement plan with CAC

Architectural/Engineering Due Diligence

Has managed more than 75 ASTM E2018 Property Condition Assessment projects and Probable Maximum Loss (Seismic Evaluation Assessment) calculations in accordance with ASTM E-2026 Estimation of Building Damageability procedures for mainly institutional investors and conduit lenders. Projects include pre-

securitization due diligence for Conduit Portfolio, in accordance with Fannie Mae Guidelines and other institutional investment due diligence guidelines.

Professional Affiliation / Certification

Fall 2000, 2002, 2004, 2005 EDR Due Diligence at Dawn
November 2000 Contaminated Property Transaction
Environmental Assessors Association Seminar, 2001 & 2002
2002 Contaminated Property Development and Environmental Liability Seminar
Member of AIChE (American Institute of Chemical Engineers)
Member of EAA (Environmental Assessment Association), Certified Environmental Manager #73547
California Registered Environmental Assessor #07252
Institute of Hazardous Material Management, CHMM Master Level #012554
Cal OSHA Hazwoper Training Certificate
Uniform Fire Code Training for CUPA Inspectors
CUPA Hazardous Waste Inspector Training 8 Hours
UST Inspector Training, CUPA, 8 Hours
Princeton Groundwater, Groundwater Pollution and Hydrology, Certificate of Completion, 2004
California Real Estate Licensed Salesperson, 2002

Education

Bachelor of Science, Chemical Engineering, GPA 3.92, California State University, Long Beach, 94
with Minor in Chemistry and Mathematics
Master of Science, Environmental Engineering, GPA 3.8, University of Southern California, 96
with specialty in Hazardous Waste Management

Research Projects

Reclamation of Arsenic Wastes in wastewater, under Dr. Lu, USC
Environmental Analysis of Oil-Shale Retorting Technology, USC
Hardy-Cross Analysis of Water Distribution Pipe Network, USC
Electrochemical and Catalytic Oxidation of Organic Wastewater, CSULB
Methanol Synthesis Plant Design with Pollution Control Measures, Dr. Kavianian, CSULB
Crude Oil Vacuum Residual Coke Drum Design, CSULB

John P. Winkler
California Professional Geologist, Registered Environmental Assessor

Mr. Winkler has over 15 years of professional experience in the environmental field. He is experienced in the areas of hazardous materials management, Phase I environmental site assessments, underground storage tank closures, Phase II subsurface site assessments, groundwater monitoring, subsurface site assessments, and remedial action projects. He has been responsible for the coordination, scheduling, field work, and management of site assessments and remediation projects, working with a diverse group of clientele, including small government agencies, transportation companies, financial institutions, large oil companies, property management companies, industrial companies, and independent business owners.

Mr. Winkler maintains extensive experience in hazardous materials management and geology. At various stages in his career, Mr. Winkler has been involved directly in emergency response plan preparation, work plan development, permitting, field work, report writing, project management, and site closure requests and negotiations with regulatory agencies. This experience has given Mr. Winkler effective skills and knowledge in many aspects of the environmental profession. His experience is summarized as follows:

Hazardous Materials Management

Prepared emergency response plans for transportation and industrial facilities.

Scheduled and coordinated hazardous materials handling, storage, and recycling for numerous types of facilities. Developed hazardous waste management plans.

Completed extensive training in hazardous materials for emergency response and fire control.

Phase I Environmental Assessments

Conducted Phase I assessments for over 500 industrial sites including former and existing dry cleaners, machine shops, automotive repair shops, gasoline stations, and large industrial facilities in California

Phase II Subsurface Investigations

Involved with numerous sites where soil gas surveys were conducted to evaluate volatile organic compounds in soil at shallow depths. Conducted field work, prepared reports, and prepared recommendations for further assessment if warranted.

Involved with numerous site assessments where drilling and trenching were conducted to evaluate contaminants in soil and groundwater. Conducted field work, prepared reports, and prepared recommendations for further assessment or remediation if warranted.

Involved with groundwater monitoring programs at numerous sites where groundwater contamination was being monitored. Conducted well purging and sampling and prepared reports.

Remediation Projects

Involved with field work, report writing, and project management of in-situ vapor extraction systems of volatile organic compounds in soil. Installed vapor extraction wells; arranged disposal of hazardous materials; and, prepared system monitoring reports.

Involved with field work, report writing, and project management of free-phase product recovery and groundwater treatment of water treatment systems. Installed groundwater recovery wells; arranged disposal of hazardous materials; and, prepared monitoring reports.

Involved with field work, report writing, and project management of above ground bioremediation projects with petroleum-contaminated soil. Supervised construction activities; conducted verification sampling; and, prepared closure reports.

Involved with field pilot testing, report writing, and project management of sites undergoing natural attenuation monitoring. Prepared workplans; supervised monitoring programs; and, prepared reports.

Education

B.S. Geology, State University of New York at Cortland, 1983

Certificate in Hazardous Materials Management, University of California at Santa Barbara Extension, 1994

Registrations

Professional Geologist, California No. 7456

Registered Environmental Assessor, California No. 5599

Professional Training

Standard First Aid and CPR 1989, 1992, 2000, 2002, 2003, 2004

OSHA CFR 1910.10 Hazardous Waste Operations and annual update training, 1989- 2003

California Certified Volunteer Fire Fighter No. 503540, 1998

Hazardous Materials First Responder Operational CCR Sect. 8574.20, 1998

DOT Hazardous Materials Handling, in-house training, April 1994

First Aid and CPR for the Professional Rescuer, 1997

Los Angeles Refinery Safety Training, 2001, 2003



CERTIFICATE OF LIABILITY INSURANCE

OP ID: MT

DATE (MM/DD/YYYY)
10/22/12

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Van Oppen & Co. 2, Inc. P.O. Box 793 Teton Village, WY 83025	Phone: 800-746-0048 Fax: 303-232-6738	CONTACT NAME: Marlyse Taylor PHONE (A/C, No, Ext): 800-746-0048 FAX (A/C, No): 303-232-6738 E-MAIL ADDRESS: service@vanoppenco2.com PRODUCER CUSTOMER ID #: ODICE-1
	INSURED ODIC Environmental 3255 Wilshire Blvd., #1510 Los Angeles, CA 90010	
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A : Starr Indemnity & Liability		38318
INSURER B : Hartford Fire Insurance Co.		19682
INSURER C :		
INSURER D :		
INSURER E :		
INSURER F :		

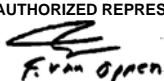
COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY			SISIEIL70063712	10/21/12	10/21/13	EACH OCCURRENCE	\$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person)	\$ 10,000
	<input checked="" type="checkbox"/> CPL						PERSONAL & ADV INJURY	\$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	\$ 2,000,000
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	AUTOMOBILE LIABILITY			SISIEIL70063712	10/21/12	10/21/13	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident)	\$
	<input type="checkbox"/> SCHEDULED AUTOS						PROPERTY DAMAGE (Per accident)	\$
	<input checked="" type="checkbox"/> HIRED AUTOS							\$
<input checked="" type="checkbox"/> NON-OWNED AUTOS				\$				
							\$	
							\$	
A	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR			SISIXNV71026112	10/21/12	10/21/13	EACH OCCURRENCE	\$ 4,000,000
	<input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						AGGREGATE	\$ 4,000,000
	DEDUCTIBLE							\$
	<input checked="" type="checkbox"/> RETENTION \$ 0							\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			57 WEC VV8104	04/01/12	04/01/13	<input checked="" type="checkbox"/> WC STATUTORY LIMITS	OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N <input type="checkbox"/>	N/A				E.L. EACH ACCIDENT	\$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
A	Professional Liab			SISIEIL70063712	10/21/12	10/21/13	Ea Claim	1,000,000
	"Claims Made"						SUBJECT TO GL AGGREGATE	Aggregate

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 Umbrella policy provides additional limits/coverage over primary General Liability, Contractors Pollution Liability, Professional Liability, Auto Liability and Employer's Liability

CERTIFICATE HOLDER**CANCELLATION**

General Info	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
1515 West 178th Street
Gardena, California

Prepared for:
The Olson Company

May 12, 2004

SECOR Job No. 04OT.29213.41

May 12, 2004

Mr. John Miles
The Olson Company
3020 Old Ranch Parkway, Suite 400
Seal Beach, California 90740

RE: Phase I Environmental Site Assessment
1515 West 178th Street
Gardena, California
SECOR Project No.: 04OT.29213.41

Dear Mr. Miles:

At the request and authorization of The Olson Company, SECOR International Incorporated (SECOR) has completed a Phase I Environmental Site Assessment (ESA) of the property located at 1515 West 178th Street, City of Gardena, Los Angeles County, State of California (the Site). This Phase I ESA was conducted in accordance with the scope of work and terms provided in The Olson Company's Master Consulting Services Agreement dated November 28, 2001 and ASTM Practice E1527-00. The following Executive Summary outlines SECOR's findings described in the following report. Please read the report for a comprehensive accounting of investigative results.

EXECUTIVE SUMMARY

The Site is located in the City of Gardena, Los Angeles County, California. The Site consists of approximately 4.501 acres of land located on the north side of West 178th Street and is addressed as 1515 West 178th Street. The Site is located within a mixed industrial, commercial and residential area. The Site is bound to the north by a parcel of land currently used by riding stables with the Dominguez Channel located beyond; to the east by modern commercial and light industrial office buildings; to the south by West 178th Street and Commercial/light industrial properties (including the currently vacant, former Bee Chemical property) and to the west by a residential trailer park.

The Site comprises one large combined office and warehouse building of approximately 95,000 square feet. Information obtained from a review of building permits held at the City of Gardena Building and Safety and Planning Departments indicate the building was constructed in 1961 with minor remodeling occurring since that time. Prior to the construction of the warehouse office building in 1961, the land was formerly used for agricultural purposes. Other than general warehouse use in recent years, the Site was primarily occupied by Globe Illumination Company, which manufactured light fixtures.

Although the Site is currently branded on the exterior of the office/warehouse building with 'Power Trans Freight Systems, Inc.', the property is currently used by four other companies, which are all involved in the exporting and importing (shipping, transportation and handling) of goods between America, China and Korea. Products typically handled at the Site include various plastic toys, electronic goods and clothing.

Equipment reportedly used by the Globe Illumination Company is currently stored towards the northern portion of the warehouse building. The unused equipment comprised wooden pallets, old conveyor belts and an assortment of machinery parts. One of the storage rooms located towards the southeast corner of the warehouse area also contained an assortment of unused office equipment (computers/files/papers/box files), wooden pallets, worn tires, and empty gas bottles (LPG). The housekeeping of the area was poor and reportedly not used by the current occupants.

Two solid waste dumpsters were observed towards the northwest corner of the warehouse building. The large quantities of trash observed across the exterior areas of the Site suggest poor housekeeping and waste management practices rather than an insufficient number of dumpsters available to handle the quantity of solid waste generated at the Site. A substantial amount of worn tires, plastic oil containers and vehicle batteries have also been dumped in both interior and exterior areas of the Site. The maintenance of the dumpsters and disposal of refuse within the units is managed by Waste Resources, Inc. of Gardena. This is not identified as a recognized environmental condition (REC), but a management issue where SECOR recommends the worn tires, vehicle batteries and plastic oil containers that were observed throughout the Site be removed prior to acquisition.

Two wooden pallets of packaged chemicals were observed towards the northwest corner of and outside of the warehouse building/canopy area and were reportedly left over from the former users of the Site (likely, Globe Illumination Company). One wooden pallet comprised approximately 36 individual plastic 20 liter containers and was labeled "Bio-Strip GR12" (paint and graffiti remover). Some of the containers were damaged, cracked and had released their contents onto the concrete floor surface in this area. The other wooden pallet contained approximately 30 individual 20 liter plastic tubs of "Rust-Tel". The label was heavily weathered but indicated that it was a rust converter and neutralizer and used for removing red-rust prior to painting. The surface concrete in this area was in good condition and free of major cracks or damage. There is the potential however, for surface water runoff to mobilize the chemicals that had been released from the damaged containers into the former railroad track along the northern most boundary of the Site. This area is considered a REC based on the potential release of chemicals into the subsurface soils located along the northern boundary of the Site. SECOR recommends a subsurface assessment in this area to evaluate if any impact has occurred that would warrant further assessment or clean up.

Impacts to soil (chlorinated solvents including tetrachloroethane) were identified along the northern portion of the Site in 1990, which resulted in a subsurface investigation, excavation of impacted soils and the issuance of a closure report prepared by Pomona Valley Environmental (PVE) in 1991 that presented a summary of methods utilized to excavate, remove and dispose of the contaminated soil identified at 1515 West 178th Street, Gardena, California. PVE reported that any areas that had a reading of 100 ppm or higher were removed until the soils had a concentration of less than 100 ppm. At this time, samples were taken to Precision Labs and analyzed by EPA Test Method 418.1 and 8240 to confirm the area was "clean". The closure report indicates that 397.4 tons of soil was transported to PVE at 9800 Beau Avenue, Riverside for incorporation into Cold Process Paving Materials. The material was used for paving materials at a Kmart superstore. PVE concluded that based upon the fieldwork performed by PVE and the results of analyses of soil samples collected, no further work is deemed necessary.

The data does not indicate that closure was received from the regulatory agencies. Additionally, the 100 ppm clean up level utilized by PVE for the site clean up exceeds the U.S. EPA Region 9 residential

preliminary remediation goal (PRG) for several of the detected solvents in soil. As a result, SECOR has identified this as a REC and recommends further assessment in this area to evaluate the residual impact in soil and groundwater as it may affect site development and regulatory closure.

The relatively new commercial office buildings directly to the east of the site appear to be used for light manufacturing purposes (Matsui International Co. located at 1501 West 178th Street reportedly have a discharge permit for cleaning operations associated with production and printing screens used in laboratories). No recognized environmental conditions were observed on the adjacent land to the east of the Site.

The commercial/light industrial properties located directly to the south and down gradient to cross gradient of the Site on the opposite side of West 1278th Street appear to be older with heavier industrial manufacturing use that ranges from a die casting company, engine repair and supply company, as well as a currently vacant commercial building that was formerly occupied by The Bee Chemical Company. The former Bee Chemical Company located at 1500 West 178th Street is a recognized environmental condition due to the historic storage, transfer and use of chemicals, that resulted in the removal of 10 UST's, and remedial action that involved excavation of impacted soils and the removal of free product from groundwater beneath the property. The current status of corrective action conducted at this site is also unknown. SECOR has identified this facility as a REC as discussed below.

Gardena Sumps located on the southwest corner of Normandie Avenue and Artesia Boulevard is a Superfund Site located approximately one quarter to one half of a mile upgradient to the east northeast of the Site. The Gardena Sumps have been described (taken from the EDR Report) as "An abandoned refinery and oil field waste disposal site, in which the wastes were believed to have been disposed of in sumps over a 15 year period ending in the 1950's". Based on information gathered from the site investigators it was determined that impact from this facility has not migrated to the subject property. As a result, no further assessment is recommended.

Based on the site inspection conducted by SECOR and a review of information pertaining to the Site and adjacent surrounding land use, the following recognized environmental conditions (RECs) were identified that would require further assessment:

- Former activities conducted at the Bee Chemical Property located at 1500 West 178th Street has resulted in significant impacts to soil and groundwater from volatile organic and chlorinated solvent compounds. Although groundwater is reported to flow in a direction towards the south southeast (away from the site), impacts to groundwater were historically detected in an up gradient monitoring well located in the middle of West 178th Street directly adjacent to the subject Site.. The current status of local groundwater quality is unknown. SECOR has submitted a request to review files at the LARWQCB, however SECOR has not received an appointment to review files to date. SECOR recommends further effort to attain and review the reports from the LARWQCB.
- Based on the known contaminative use of land on the adjacent (Bee Chemical Company), which has resulted in identifiable impacts to localized soil and groundwater, there is a potential for the onsite migration of these contaminants (volatile organic and chlorinated solvent compounds) onto or beneath the Site. Based on the proposed future use of the Site (residential purposes), SECOR recommends a subsurface investigation to evaluate environmental impacts to subsurface soil and groundwater beneath the Site. Data obtained

from the subsurface investigation should be used to evaluate the risks to human health posed by elevated concentrations of volatile organic and chlorinated solvent compounds in the subsurface.

- Based on the Site's history of agricultural use, SECOR recommends that the shallow subsurface investigation include an evaluation of impacts to shallow soil resulting from the potential use of pesticides.
- Prior to acquisition of the Site, the two damaged wooden pallets of chemicals (paint and graffiti remover and rust converter and neutralizer) observed towards the northwest corner of the warehouse building should be removed by the owner. SECOR recommends a subsurface assessment in this area.

Although not recognized environmental condition, SECOR recommends the following issued be addressed:

- SECOR did not conduct lead-based paint or asbestos evaluations during the site reconnaissance. However, given the age of the structures (circa early 1960's), lead-based paint and asbestos should be anticipated in the buildings. Prior to any disturbance of painted materials, SECOR recommends a comprehensive, AHERA-level asbestos sampling survey and Lead-Based Paint Survey be conducted.
- SECOR identified a management issue where worn tires, vehicle batteries and plastic oil containers that were observed throughout the Site. SECOR recommends these items be removed prior to acquisition.

It has been a pleasure to provide these services for you, and we look forward to working with you in the future. Should there be any questions concerning the information contained in the following report, please contact the undersigned at (909) 335-6116.

Sincerely,
SECOR International Incorporated

Lewis D. Simons R.E.A.
Project Geologist

Kyle D. Emerson, CEG-1271
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1.0 INTRODUCTION

1.1 OBJECTIVE

The purpose of this Phase I Environmental Assessment is to identify recognized environmental conditions in connection with the Property. The term 'recognized environmental conditions', as defined in ASTM Standard Practice E1527-00, means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property, even if those substances are present under conditions in compliance with environmental laws.

1.2 SCOPE OF WORK

As stated above, the Phase I ESA was performed in accordance with the scope of work and terms provided in The Olson Company's Master Consulting Services Agreement dated November 28, 2001 and ASTM Standard Practice E1527-00.

The scope of services did not include an assessment of overall environmental regulatory compliance, any subsurface investigation (including soil or groundwater sampling, exploratory boreholes or other investigative techniques to quantify potentially identified hazardous materials), and asbestos, lead-based paint, mold, or radon gas surveys.

2.0 SITE DESCRIPTION

2.1 LOCATION AND STATISTICS

The Site is located in the City of Gardena, Los Angeles County, California. The Site consists of approximately 4.501 acres of land located on the north side of West 178th Street and is addressed as 1515 West 178th Street. Figure 1 in Appendix A is a Site Location map showing the location of the Property with respect to the site vicinity. Figure 2 in Appendix A is a Site Plan showing approximate boundaries of the Property, adjacent site use, and salient features observed during the site visit.

Assessor Parcel Number: 6106-013-040

2.2 SITE AND VICINITY CHARACTERISTICS

The Site is located within a mixed industrial/commercial and residential area of Gardena. The Site is bound to the north by a parcel of land currently used by riding stables with the Dominguez Channel located beyond; to the east by modern commercial and light industrial office buildings; to the south by West 178th Street and Commercial/light industrial properties (including the currently vacant, former Bee Chemical property) and to the west by a residential trailer park.

2.3 DESCRIPTIONS OF STRUCTURES, ROADS AND OTHER RELEVANT IMPROVEMENTS ON THE SITE

The Power Trans Freight Systems Property is located on the northern side of West 178th Street and is set within a mixed commercial/light industrial and residential area. Ingress and egress to the Site is via West 178th Street. The Property itself comprises a large warehouse building with the main offices and entrance to the Property situated on the southern portion of the Property. The Property includes a large asphalt and concrete paved parking area for large trucks on the eastern portion of the site and a narrow strip of concrete and asphalt truck parking area on the west portion of the Property. The east portion of the Property is used for shipping and handling goods with truck docking bays/ramps located along the east side of the Property building. Security gates and guards controlling deliveries are located on the east side of the Property with guard dogs used for the narrow strip of parking area located on the west portion of the Property. Further Site description is provided in the following Section 3.0. A photographic log of current Site conditions is located in Appendix A.

2.4 ENVIRONMENTAL LIENS

SECOR, during the course of this due diligence investigation, did not uncover any environmental liens on the Site. A preliminary Title Report was not provided for SECOR's review. The absence of the title report is not significant, due to the availability of the similar information through other sources reviewed by SECOR.

2.5 CURRENT PROPERTY USE

Although the Site is branded on the exterior of the office/warehouse building with 'Power Trans Freight Systems, Inc.', the property is currently used by four other companies, which are all involved in the exporting and importing (shipping, transportation and handling) of goods between America, China and Korea. The companies currently occupying the five suites are as follows:

- Power Trans Freight Systems, Inc. (Suite 100)
- JVL America, Inc. (Suite 101)
- Great Luck, Inc. (Suite 102)
- Intel Transport Services (Suite 103)
- CINTEK Systems, Inc. (Suite 104)

Products typically handled at the Site include various plastic toys, electronic goods and clothing.

3.0 PROPERTY RECONNAISSANCE

SECOR performed a reconnaissance of the Site on April 21, 2004. Mr. Mike Mallette of Power Trans Freight Systems, Inc. (property representative and General Manager) granted access to the Site and was present during SECOR's site walk. Weather conditions during the reconnaissance were clear and no weather related restrictions were encountered.

The purpose of the reconnaissance was to identify existing conditions and land uses that may suggest potential environmental impacts to the Site. Such conditions, to the extent visible and accessible, include storage, disposal and treatment of solid and/or hazardous waste, storage tanks and other chemical containers, odors, pools of liquid, staining, drains, sumps, pits, ponds, lagoons, septic systems, wells, unusual soil disturbance, stressed vegetation, and electrical transformers.

Field notes of the property reconnaissance are detailed further in the remainder of this report. Photographs taken of the Site are included in Appendix A.

3.1 INTERIOR PROPERTY OBSERVATIONS

The Site comprises one large combined office and warehouse building of approximately 95,000 square feet. The building is of brick and steel construction with drywall, acoustic ceiling tile, and carpet used for the office areas. Linoleum tile has been used for the kitchen and restroom areas. The offices are located towards the southern portion of the site with the warehouse building extending towards the northern edge of the Site boundary. A 2-story office with gym, kitchen and restrooms has been constructed in the central area of the warehouse building and are unused. Information obtained from a review of building permits held at the City of Gardena Building and Safety and Planning Departments indicate the building was constructed in 1961 with minor remodeling occurring since that time.

Equipment reportedly used by the Globe Illumination Company is currently stored towards the northern portion of the warehouse building. The unused equipment comprised wooden pallets, old conveyor belts and an assortment of machinery parts. The General Manager (Mr. Mike Mallette) indicated that they do not have access to a padlocked storage area but that it probably contained more equipment used by the former company occupying the Site. SECOR recommends reviewing this structure during the planned Phase II ESA activities. Liquid Propane Gas (LPG) is stored towards the northwest corner of the Site and used for forklift purposes. A floor drain was observed in the canopy covered area of the warehouse building towards the northern portion of the Site. The floor drain was slightly clogged and the surrounding floor surface was dirty. The area is relatively unused by current occupants other than the storage of empty LPG bottles used for forklift trucks. The drain is located within a covered area and therefore unlikely to be exposed to stormwater.

The Site is currently occupied by five companies (as provided in Section 2.5) for exporting and importing goods between America, China and Korea. The warehouse area comprises boxes stacked in predetermined locations with some areas fenced off as requested by clients handled by the companies occupying the Site. Unloading and loading of goods is carried out in the shipping, delivery and handling area located along the eastern side of the warehouse building.

A storage room located towards the southeast corner of the warehouse area contained an assortment of office equipment (computers/files/papers/box files), wooden pallets, worn tires, and empty gas bottles (LPG). The area was in poor condition and reportedly not used by the current

occupants. The electrical room located off the main corridor to the office suites was in poor condition and contained 4 tins of paint.

Other than the potential existence of lead-based paint (LBP) and asbestos containing materials (ACMs) in the building materials (See Sections 3.5 and 3.6) no environmental concerns associated with this structure were observed by SECOR at the time of the site reconnaissance.

3.2 EXTERIOR PROPERTY OBSERVATIONS

The Site consists of approximately 4.501 acres of land with one large office warehouse structure currently occupied by five separate companies and operating under the logo "Power Trans Freight Systems, Incorporated". The office area is located on the southern boundary of the building with the main entrance via West 178th Street. Landscaping has been used along the southern edge of the Site with an enclosed patio area located to the west of the main offices and south of the office kitchen. Parking for employees is located in the south east corner of the Site adjacent to West 178th Street. Two gates provide access to the largely unused parking area to the east and the shipping and handling trailer parking area to the west. A security hut and guard dogs control vehicles entering the shipping and handling area.

A mixture of concrete and asphalt has been used to surface the narrow strip of parking area located along the eastern most portion of the Site and the larger truck parking, shipping and handling area located along the west portion of the Site. The east parking area is largely unused and contained 4 commercial vehicles that appeared to be in need of repair at the time of the Site inspection conducted by SECOR. With the exception of minor oil staining resulting from the historic use of the area for parking trucks, no major staining or distressed vegetation was observed in this area. A large amount of trash was however observed in this area, which ranged from general household/domestic trash to plastic oil containers, worn tires, redundant vehicle batteries wood pallets and packaging materials. The oil containers, worn tires and used vehicle batteries are a recognized environmental condition (REC). A 500-gallon above ground storage tank labeled "De-ionized Water" was observed adjacent to the northern boundary of the Site. A pole-mounted transformer was also observed adjacent to the warehouse building in the east parking area. The pole-mounted transformer is maintained by Southern California Edison and therefore unlikely to contain Polychlorinated Biphenyls (PCB's).

The west truck parking, shipping and handling portion of the property is used to unload, and load goods for import and export purposes. Loading bays and forklift trucks facilitate the movement of goods from the warehouse to trailers. Some unused trailers were observed along the west boundary of the Site. Some standing water was also observed adjacent to a trailer parked close to the main entrance area towards the southwest corner of the Site. No odors, discoloration or oily sheen was observed with the standing water. Two large trash dumpsters were observed towards the northwest corner of the warehouse building. The dumpsters contained general packaging materials and wooden pallets. Waste generated at the site is handled by Waste Resources, Inc. of Gardena.

Two wooden pallets of packaged chemicals were also observed in this area and were reportedly left over from the former users of the Site (likely, Globe Illumination Company). Further details regarding the chemical storage are presented in Section 3.2.3 of this report. The previous Phase I ESA completed by Targhee, Inc. had indicated that soils impacted by paints/solvents had been excavated in the area formerly occupied by the railroad trending east to west along the northern

perimeter of the Site. The source of the impacted soils reportedly occurred during the use of a paint contractor firm working on the Site. A total of 397.4 tons of impacted soil were excavated, removed from the site and transported to Pomona Valley Environmental (9800 Beau Avenue, Riverside) for incorporation into "Cold Process Paving Materials" during May 1991. The material was used for paving materials at a Kmart superstore. Additional information pertaining to the remedial work conducted at the Site is included in Section 5.5 and Appendix E (Supporting Documentation).

An overturned trailer was observed towards the northwest corner of the warehouse building adjacent to an unloading bay. The trailer was sealed and there was no evidence of any unauthorized spills or releases observed in this area. Mr. Mallette indicated to SECOR that the owner of the trailer was yet to schedule the removal of the trailer and goods contained within it.

3.2.1 Surface Drainage

Storm water runoff from the Site would flow south towards 178th Street. No signs of improper discharge were noted during SECOR's site walk.

3.2.2 Surface Water

With the exception of the small pool of standing water observed towards the west entrance of the Site, no surface water was visually identified during SECOR's Site reconnaissance.

3.2.3 Exterior Subsurface Structures and Hazardous Materials Storage Areas

No exterior subsurface structures were observed at the Site during the site reconnaissance. Mr. Mallette reported to SECOR that no hazardous materials are currently used by the occupants of the Site. Two wooden pallets of packaged chemicals were however observed towards the northwest corner of the warehouse building/canopy area and were reportedly left over from the former users of the Site (likely, Globe Illumination Company). One wooden pallet comprised approximately 36 individual plastic 20 liter containers and was labeled "Bio-Strip GR12" (paint and graffiti remover). Some of the containers were damaged, cracked and had released their contents onto the concrete floor surface in this area. The other wooden pallet contained approximately 30 individual 20 liter plastic tubs of "Rust-Tel". The label was heavily weathered but indicated that it was a rust converter and neutralizer and used for removing red-rust prior to painting. The surface concrete in this area was in good condition and free of major cracks or damage. There is the potential however, for surface water runoff to mobilize the chemicals that had been released from the damaged containers into the former railroad track along the northern most boundary of the Site. This area is considered a recognized environmental condition based on the potential release of chemicals into the subsurface soils located along the northern boundary of the Site.

3.3 STORAGE TANKS

No underground storage tanks (USTs) were visually observed at the Site during SECOR's site reconnaissance. An above ground storage tank (AST) with an approximate capacity of 500-gallons was, however, observed towards the northeast corner of the warehouse building and was labeled "de-ionized water". The tank appeared to be unused at the time of the site reconnaissance. Review of a regulatory agency database search for the property and surrounding

area performed by Environmental Data Resources (EDR) indicated no presence of ASTs or USTs at the Site.

3.4 POLYCHLORINATED BIPHENYLS (PCBS)

Electrical transformers, hydraulic equipment capacitors, fluorescent light fixtures, and similar equipment may contain polychlorinated biphenyls (PCBs) in the hydraulic fluids or dielectric insulating fluids within the units. The federal Toxic Substances Control Act (TSCA) generally prohibited the domestic manufacture of PCBs after 1979. There is, however, potential that the dielectric fluid in electrical and hydraulic equipment manufactured and constructed prior to that date contains PCBs.

A pole mounted transformer was observed on the west portion of the Property adjacent to the warehouse building. Given that Southern California Edison (SCE) is responsible for the maintenance of the pole-mounted transformer located on the Property, SECOR considers it unlikely that there is the potential for the pole mounted transformer to contain PCB's. There is however a potential for the fluorescent light fixtures located throughout the office/warehouse building to contain PCBs. SECOR recommends that during demolition that the disposal of these fixtures be conducted in accordance with applicable laws.

3.5 LEAD-BASED PAINT (LBP)

Lead is a pliable, soft metal that is used in the construction of pipes, rods, and containers. Before 1978, lead was a common ingredient in paint because it added strength, shine and extended the life of the paint. In 1978 the EPA banned the use of lead pigments in paints used on interior and exterior residential surfaces. Lead poisoning can result from children having access to, and ingestion (by chewing) of lead-based paint covered surfaces. Inhalation of dust produced by normal oxidation, or scraping/sand-blasting of the paint, which may contain significant amounts of lead, is also a health hazard. The EPA/HUD action level for lead-based paint (LBP) is 0.5% dry weight.

SECOR did not conduct a LBP evaluation during the site reconnaissance. However, given the age of the structures (circa 1961), lead-based paint should be anticipated in the building. Prior to any disturbance of painted materials, SECOR recommends a Lead-Based Paint Survey be conducted.

3.6 ASBESTOS CONTAINING MATERIALS (ACMS)

Asbestos is a common term for a group of naturally occurring mineral fibers. Due to its durability and insulating quality, it was used in a wide variety of building products including structural fireproofing, pipe and duct insulation, plasters, roofing, floor tile, and linoleum. Adverse health effects have been associated with the inhalation of airborne asbestos fibers. By June of 1978, the US Environmental Protection Agency (US EPA) had effectively banned the use of asbestos in building materials.

SECOR did not conduct an ACM evaluation during the Site reconnaissance. However, given the age of some of the structures (circa 1961), asbestos containing materials should be anticipated in the building. Prior to any disturbances, SECOR recommends a comprehensive, AHERA-level sampling survey be conducted.

3.7 SOLID WASTE DISPOSAL ISSUES

Two solid waste dumpsters were observed towards the northwest corner of the warehouse building. The large quantities of trash observed across the exterior areas of the Site suggest poor housekeeping and waste management practices rather than an insufficient number of dumpsters available to handle the quantity of solid waste generated at the Site. A substantial amount of worn tires, plastic oil containers and vehicle batteries have also been dumped in both interior and exterior areas of the Site. The maintenance of the dumpsters and disposal of refuse within the units is managed by Waste Resources, Inc. of Gardena. The dumping of worn tires, vehicle batteries and plastic oil containers that were observed throughout the Site is a management issue. Prior to acquisition of the Site, all dumped materials including general household trash observed throughout the Site should be removed by the owner.

3.8 PESTICIDE ISSUES

Historical research (aerial photograph review Section 5.1), indicates the Site was developed with agricultural use from at least 1939 to 1961. The Site was developed in 1961 as confirmed by a review of building permits held at the City of Gardena Building and Safety and Planning Departments. Based on the Site's history of agricultural use, SECOR recommends a shallow subsurface investigation to determine if impacts to soil have occurred from the potential use of pesticide products.

3.9 MOLD

Mold and mildew are considered fungi (the plural of fungus). Fungi are the biological term for molds, mildew, yeast, and mushrooms. Microfungi are the fungi most likely to affect buildings and are commonly found in bathrooms and in other locations of a building and building systems. Microfungi are so small that they can only be seen when they are growing in visible colonies (with millions of spores) or with the aid of a microscope.

SECOR conducted a limited mold investigation of the accessible interior of the warehouse/office building during the Site reconnaissance. The evaluation consisted of visual observations in accessible areas of high-risk mold growth areas. Although the restrooms were in a generally poor condition and in need of cleaning, SECOR did not visually identify mold-contaminated surfaces characteristic of the presence of mold. The currently unused restrooms located within the central warehouse office however, did smell musty due to non use. Musty smells often indicate a moist environment where mold may tend to grow. Please note that no sampling was performed and no penetrations were made by SECOR into any walls or above ceilings during this Site reconnaissance. SECOR would recommend that during the recommended ACM and LBP surveys an inspection of mold occur in all building areas prior to demolition.

3.10 RADON GAS

Radon-222 (radon) is a naturally occurring gas that is prevalent in certain areas of the country. The U.S. EPA has determined that exposure to 4.0 pCi/L of radon gas on a regular basis increases the

risk of lung cancer. In 1990, the California Department of Health Services conducted a two-phase statewide radon survey. The first phase of the survey involved a radon selection of owner-occupied single-family dwellings, monitored utilizing a short-term (two-day) radon detector. Following sample collection, the detectors were sent to the EPA for analysis. In the second phase, 10 percent of the previous group was monitored with long-term (one year) radon detectors that were returned to the EPA for analysis.

The County of Los Angeles is located in an area designated as a Radon Zone Level 2 with a predicted average indoor screening level between 2 pCi/L and 4 pCi/L. However, the screening results for the local zip code 90248 where the Site is located, based on 2 samples tested, show an average first floor activity level of 0.0 pCi/L, with 100% percent of the sites tested at less than 4 pCi/L. The information regarding the radon determinations is contained on page A-66 of the EDR report attached as Appendix B. Based on this data, Radon is not considered an issue that would require further assessment at the Site.

3.11 OIL WELLS

SECOR reviewed oil field maps provided by the Department of Oil, Gas, and Geothermal Resources (DOGGR) in an effort to determine if the Site is located within an active oil field. The area of the Site is depicted on the Regional Wildcat Map No. W1-6. According to these records, the Site is not located within an oil field boundary. In addition, oil well data was requested from Environmental Data Resources. Oil well data within the EDR report does not indicate the presence of any oil wells within a one mile radius of the Site. Based on the lack of close proximity of oil wells or oil fields in the area of the Property, SECOR does not consider oil production to be an environmental concern.

3.12 ENVIRONMENTAL SETTING

3.12.1 Regional Geology and Hydrogeology

The USGS topographic map, Torrance Quadrangle (dated 1964 and revised in 1981) was reviewed by SECOR. The map showed the subject property to be at an elevation of approximately 34 feet above mean sea level (msl). The Rosecrans Hills are located approximately 6 miles northwest of the subject property. The topography in the vicinity of the subject property undulates and slopes generally to the southwest. The subject property is located approximately 1/8 mile south of the Dominguez Channel, the nearest surface water body.

The Site is located in an area of recent alluvial fan deposits from the Quaternary age. These deposits typically consist of tideland and flood-plain deposits. Regionally, the Site area is located within the Southwestern block of the Los Angeles Basin, within the Peninsular Ranges Geomorphic Province of California. Shallow sediments in this area of the Los Angeles Basin consist of Recent-age gravel, sand, silt, and clay deposited by the Los Angeles River and Dominguez Channel. In some areas, these sediments are expected to be approximately 50 to 90 feet thick. The near-surface sediments are underlain by sedimentary rocks of primarily recent to Miocene age. The sediments underlying the site are anticipated to have moderate hydraulic conductivity.

The elevation of the Site is approximately 34 feet above mean sea level.

The Site is on the West Coast Groundwater Basin. This subject property is underlain by a semi-perched aquifer located roughly 40-50 feet below ground surface (bgs). The subject property appears to be located outside the "Pressure Area", which is an area of the underlying aquifer influenced by groundwater injection for groundwater replenishment.

The subject property area is underlain by a 40-foot thick sequence of clays that overlie the deeper Bellflower aquiclude (EDR 2004).

Based on previous investigation work conducted in the area, groundwater within the vicinity of the Site reportedly flows in a direction towards the south southeast. No specific information regarding the depth to near surface groundwater beneath the subject property was located by SECOR; however, the depth to the near surface groundwater at a facility located less than one-eighth-mile east of the subject property was measured to be approximately 40 feet bgs (EDR, 2004) in the Bellflower Aquiclude.

3.13 ADJACENT SITE RECONNAISSANCE

A brief visual survey of adjacent properties from public thoroughfares was performed by SECOR during the Site reconnaissance to evaluate if these properties possess additional facilities or structures that use, store, generate, or dispose hazardous materials that may present a potential environmental risk to the Property. The relatively new commercial office buildings directly to the east of the site appeared to be used for some light manufacturing purposes (Matsui International Co. located at 1501 West 178th Street reportedly have a discharge permit for cleaning operations associated with production and printing screens used in laboratories). No recognized environmental conditions were observed on the adjacent land to the east of the Site.

The commercial/light industrial properties located directly to the south of the Site on the opposite side of West 1278th Street appear to be older with heavier industrial manufacturing use that ranges from a die casting company, engine repair and supply company, as well as a currently vacant commercial building that was formerly occupied by the Bee Chemical Company (Morton International Incorporated). This company was identified on the Spills, Leaks, Investigation and Cleanup (SLIC) list posted on the California Environmental Protection Agency (CalEPA) website. The former Bee Chemical Company located at 1500 West 178th Street is a recognized environmental condition due to the historic storage, transfer and use of chemicals, that resulted in the removal of 10 UST's, and remedial action that involved excavation of impacted soils and the removal of free product from groundwater beneath the property. The Bee Chemical Groundwater was reportedly encountered at a depth of 38 to 44 feet below ground surface in a previous investigation conducted by Geraghty & Miller, Inc. in May 1986 and is believed to flow in a direction towards the south southeast (away from the Site). Impacts to groundwater were however, detected in an up gradient monitoring well installed in the middle of West 178th Street. Information pertaining to the former Bee Chemical Site and obtained from a review of Los Angeles County Department of Public Works (LACDPW) is included in Section 5.5 and Appendix G of this report.

A request for a review of files held at the Los Angeles Regional Water Quality Control Board (LARWQCB) has been submitted by SECOR. SECOR is yet to receive an appointment to review the files but will forward additional information obtained for the Bee Chemical property upon receipt. Although the historic direction of groundwater flow has been reported to the south southeast, SECOR recommends further effort to review files at the LARWQCB to evaluate the current status of impacted soil and groundwater at the Bee Chemical property and the risks

associated with the potential mobilization and migration of impacted groundwater beneath the Site.

Gardena Sumps located on the southwest corner of Normandie Avenue and Artesia Boulevard is a Superfund Site located approximately one quarter to one half of a mile upgradient to the east northeast of the Site. The Gardena Sumps have been described (taken from the EDR Report) as *“An abandoned refinery and oil field waste disposal site, in which the wastes were believed to have been disposed of in sumps over a 15 year period ending in the 1950’s”. Hazardous substances found on site have included a wide variety of petroleum hydrocarbon wastes, polychlorinated biphenyls (PCB’s) and some heavy metals generated from drilling and petroleum refining. Sludge’s are of a highly acidic nature with an estimated amount of waste on the site reported to be 16,000 tons. The threat to public health is reported to be “hydrocarbon wastes are highly acidic and present a potential health hazard through direct contact with skin. Additionally wastes may emit gases containing volatile organic compounds, or other sulfur containing gases, presenting a potential inhalation hazard”.* The site activity status is reported as *“Department of Health Services (DHS) performed a preliminary assessment and site investigation in 1986 to evaluate site contamination. Based on the findings of this investigation, a remedial action order was issued on March 3, 1988 to the two property owners where the sumps exist. Should both property owners fail to comply with the order, DHS will initiate remedial activities. An imminent and substantial endangerment determination was made by DHS in July, 1988. Based on this determination, the landowners were required to fence and secure the site and remove materials seeping from the sumps to offsite areas.”* Additional information provided reports that *“the drilling, transportation and manufacturing companies which disposed of wastes have not been definitively identified. Both of the landowners named in the RAO have indicated willingness to undertake and fund further site characterization and remediation required in the order. Uncertainty remains as to whether these landowners can fund remedial activities. If all Potentially Responsible Parties are found to be in noncompliance, DHS will initiate remedial activities. If Bond funds are used, DHS will undertake appropriate cost recovery activities”.*

An aerial photograph dated 1938 and historical topographic map (with “oil sump” clearly marked on the map) dated 1951 obtained for the Site and surrounding area confirms the existence of the Gardena Sumps from at least 1938 onwards. Based on discussions with the site investigators of Gardena Sumps impact to soil and groundwater have not migrated to the subject property. Therefore, no further assessment is recommended.

4.0 PUBLIC RECORD REVIEW SECTION

4.1 ENVIRONMENTAL DATA RESOURCES REPORT

SECOR contracted with EDR to review databases maintained by various federal and state environmental agencies. The purpose of the review was to identify reported listings for the subject Site or other properties in the vicinity. The reviewed databases included federal and state lists of known or suspected contaminated sites, known handlers or generators of hazardous waste, known waste disposal facilities and permitted underground storage tanks. The database search report is included as Appendix B. The databases which were researched and the searched distances for each database, if applicable, include the following described below:

Federal Records

- NPL, identifies sites for priority cleanup under the superfund program, searched within a one-mile radius.
- CERCLIS, contains information on sites identified by the USEPA as abandoned, inactive or uncontrolled hazardous waste sites that may require cleanup, searched within a one-half mile radius.
- NFRAP, lists sites that were on the CERCLIS but have been removed and now No Further Remedial Action is planned, searched within a one-quarter mile radius.
- CORRACTS, identifies hazardous waste handlers with Resource Conservation and Recovery Act (RCRA) corrective action activity, searched within a one-half mile radius.
- RCRIS, identifies sites that generate, store, transport, treat and/or dispose of hazardous waste as identified by the RCRA, searched within a one-quarter mile radius.
- ERNS, stores information on reported releases of oil and hazardous substances, searched within the target property.
- BRS, biennial Reporting System, collects data on generation and management of hazardous waste.
- CONSENT, establish legal responsibility and standards for NPL clean-up sites, searched within a one-mile radius.
- ROD, mandates remedy at NPL sites pertaining to technical and health information to aid in site clean-up, searched within a one-mile radius.
- DELISTED NPL, NPL sites in which no further response is necessary or appropriate, searched within a one-mile radius.
- FINDS, points to other sources that may contain more information, searched within the target property.
- HMIRS, contains hazardous materials spill incidents reported to the DOT, searched within the target property.
- MLTS, lists sites that possess or use radioactive materials subject to Nuclear Regulatory Commission licensing requirements, searched within the target property.
- MINES, mines master index file, searched within a one-quarter mile radius.

- NPL LIENS, lists properties with liens filed against them to recover remedial action expenses, searched within the target property.
- PADS, identifies generators, transporters, commercial storers and/or brokers, and disposers of polychlorinated biphenyls, searched within the target property.
- DOD, Department of Defense, federally owned or administered land of 640 acres or greater, searched within a one-mile radius.
- RAATS, contains records on enforcement actions under RCRA, searched within the target property.
- TRIS, identifies facilities that release toxic chemicals to the air, water, or land, searched within the target property.
- TSCA, identifies manufacturers and importers of chemical substances included on the TSCA chemical inventory list, searched within the target property.
- FTTS, tracking system for the Federal Insecticide, Fungicide & Rodenticide, and Toxic Substances Control Act, searched within the target property.
- SSTS, reports manufacturing practices for registered pesticide-producing establishments, searched within the target property.

State Records:

- AWP, Annual Workplan Sites, state of California Department of Toxic Substance Control (DTSC) database of known hazardous waste sites targeted for cleanup, formerly Bond Expenditure Program (BEP), searched within a one-mile radius.
- CAL-SITES, state database of properties in California where hazardous substances have been release, or where the potential for such release exists, searched within a one-mile radius.
- CHMIRS, California Hazardous Material Incident Report System, searched within a one-mile radius.
- Cortese, Hazardous Waste & Substance Sites List, searched within a one-mile radius.
- Notify 65, Proposition 65 records, searched within a one-mile radius.
- Toxic Pits, identifies sites suspected of containing hazardous substances where cleanup has not yet been completed, searched within a one-mile radius.
- SWIS, Solid Waste Information System, a state inventory of active, closed and inactive landfills and solid waste facilities, searched within a one-half mile radius.
- WMUDS/SWAT, Waste Management Unit Database/Solid Waste Assessment Test, a state inventory of waste management units, searched within a one-half mile radius.
- LUST, leaking underground storage tank incident reports, searched within a one-half mile radius.
- UST, registered underground storage tanks, searched within a one-quarter mile radius.
- VCP, Voluntary Cleanup Program Properties, searched within a one-half mile radius.
- Indian UST, underground storage tanks on Indian land, searched within a one-quarter mile radius.
- CA FID UST, Facility Inventory Database for active / inactive underground storage tanks, searched within a one-quarter mile radius.

- HIST UST, Historical UST registered database, searched within a one-quarter mile radius.
- AST, registered aboveground storage tanks, searched within the target property.
- Other state of California records searched include CLEANERS, CA WDS, DEED, SCH, REF, NFA, NFE, CA SLIC, HAZNET and limited County records. Each of these lists and source are described in the EDR report, Appendix A.

Other Databases

- Historical Gas Station and Dry Cleaners searched a one-quarter mile radius.
- Former Manufactured Gas (Coal Gas) Sites, searched within a one-mile radius.
- State of California Brownfield's Database Records, searched within a one-quarter mile radius.
- Oil/Gas Pipelines
- Electric Power Transmission Line Data
- Sensitive Receptors, including Hospitals, Medical Centers, Nursing Homes, Public Schools, Private Schools and Daycare Centers.
- GeoCheck including Flood Zone Data, NWI, National Wetlands Inventory, Water Well Search using Federal and State databases, Oil and Gas Well locations and Radon information.

4.1.1 Database Search Results

Based on the EDR report, the Site is listed on the HAZNET database. The complete database listings (of records detailed above) prepared by EDR and a map showing the location of listed sites relative to the Site are presented in Appendix B. Facilities, which appear on the database within the prescribed search radius, are listed below. SECOR's interpretation of the listings as provided on the EDR report and potential environmental impact to the Site is presented below.

US EPA NPL

No sites are listed in the EDR report from the NPL database listing within a one-mile radius of the Site.

US EPA CERCLIS

One site is listed in the EDR report from the CERCLIS database listing within a one-half mile radius of the Site. The site is identified as "Gardena Sumps" and is located on the southwest corner of Artesia Boulevard and Normandie Avenue, located approximately 1/4 mile east-northeast and cross gradient from the subject property. This facility is cross referenced in the AWP, CAL-SITES, CORTESE, WMUDS/SWAT, BEP, US Brownfield's databases. Additional information regarding the Gardena Sumps Superfund Site is included in Section 3.13.

US EPA CERCLIS-NFRAP

Two sites are listed in the EDR report from the CERCLIS-NFRAP database and are located at a distance of 0 to 1/8 of a mile (east northeast) and 1/8 to 1/4 of a mile (east) from the site. These were identified as Morton International, Inc. of 1500 West 178th Street (also known as Bee Chemical Company) and Aladdin Plastics, Inc. of 1415 West 178th Street, Gardena, California.

Based on the adjacent location of Bee Chemical company SECOR has identified this facility as a REC.

US EPA RCRA-CORRACTS

One facility was identified in the EDR report from the RCRA-CORRACTS database listing and located at a distance of ½ to 1 mile to the south southwest of the Site. The listing is identified as Intel Light Metals Group and is located at 19200 South Western Avenue. Based on the down gradient location it is unlikely to have affected the subject Site.

US EPA RCRIS-TSD

One RCRIS-TSD site was identified in the EDR database search and is located approximately 1/8 to ¼ of a mile due east (cross gradient) of the Site. The listing is identified as S B Management Corporation of 1415 West 178th Street. Based on the cross gradient location and distance it is unlikely to have affected the subject Site.

US EPA RCRIS LQG and SQG

Nine RCRIS-SQG sites (4 apportioned to the same address) were identified in the EDR database search and are as follows:

Cox Die Casting – 1528 West 178th Street, located approximately 0 - 1/8 of a mile to the southeast of the Site. This facility is cross referenced on the FINDS, HAZNET and CA WDS databases. EDR reports this facility as a small quantity generator with no recorded violations. Based on the lack of violations and direction of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

Matsui International – 1501 West 178th Street, located approximately 0 - 1/8 of a mile to the east of the Site. EDR reports this facility as a small quantity generator with no recorded violations. Based on the lack of violations and direction of this facility (cross down gradient) from the Site, it is unlikely that this facility has environmentally impacted the subject property.

Morton International, Inc. (Bee Chemical Company) – 1500 West 178th Street, located approximately 0 - 1/8 of a mile east southeast of the Site. This facility is cross referenced on the FINDS, CERC-NFRAP, Los Angeles Co. HMS, CORTESE, CA FID UST, EMI, HIST UST and LUST databases. EDR reports this facility as a small quantity generator with no recorded violations. This property has however, had known contamination of soil and groundwater that has resulted in remediation being conducted. Based on the information reviewed SECOR has identified this facility as a REC.

Rotary Technologies Corporation – 1468 West 178th Street, located approximately 1/8 to 1/4 of a mile to the east southeast of the Site. This facility is cross referenced on the FINDS, Los Angeles Co. HMS and HAZNET databases. EDR reports this facility as a small quantity generator with no recorded violations. Based on the lack of violations and down gradient location of this facility in respect to the Site, it is unlikely that this facility has environmentally impacted the subject property.

Four companies were identified for the address 1610 Artesia Boulevard. The details are as follows:

Auto Body Connection, Shiges Foreign Car Service, Classic Automotive and Autobody Connection – 1610 Artesia Boulevard located approximately 1/8 to 1/4 of a mile to the north northwest of the Site. This facility is cross referenced on the FINDS, Los Angeles CO. HMS, CA FID UST and HAZNET databases. EDR reports this facility as a small quantity generator with no recorded violations for any of the companies provided. Although considered upgradient from the Site, based on the absence of violations and location of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

CAL-SITES

One CAL-SITES facility was identified in the EDR database search and is the Gardena Sumps Superfund Site located on the southwest corner of Artesia and Normandie Avenue, as detailed previously.

CORTESE

Nine CORTESE sites were identified in the EDR database search and are as follows:

Morton International, Inc. (Bee Chemical Company) – 1500 West 178th Street, located approximately 0 - 1/8 of a mile east southeast of the Site. This facility is cross referenced on the FINDS, CERC-NFRAP, Los Angeles Co. HMS, CA FID UST, EMI, HIST UST and LUST databases. EDR reports this facility as a small quantity generator with no recorded violations. This property has however, had known contamination of soil and groundwater that has resulted in remediation being conducted. Based on the information reviewed SECOR has identified this facility as a REC.

Aladdin Plastics, Inc. – 1415 West 178th Street, located approximately 1/8 to 1/4 of a mile to the east of the Site. This facility is cross referenced on the CERC-NFRAP and REF databases. Based on the down gradient location of this facility, it is unlikely that this facility has environmentally impacted the subject property.

United Oil #44 (UNOCAL) – 18130 South Western Avenue, located approximately 1/4 – 1/2 of a mile to the southwest of the Site. This facility is cross referenced on the Los Angeles Co HMS and LUST databases. Based on the distance and cross gradient location of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

Honeywell, Inc. – 17300 Western Avenue, located approximately 1/4 – 1/2 of a mile to the northwest of the Site. This facility is cross referenced on the RCRIS-SQG, FINDS, CERC-NFRAP, CA SLIC, LUST and CA WDS databases. Although this site has reported violations as a small quantity generator and a LUST, the site achieved compliance for Generator-All Requirements (Oversight) and received a “case closed” status for gasoline impacted groundwater and its subsequent clean-up via pump and treat techniques. The facility is upgradient from the Site but based upon the distance of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

Mobil #18 EDP (Former #11 – EDP) – 18203 Western Avenue, located approximately 1/4 - 1/2 of a mile southwest of the Site. This facility is cross referenced on the LUST and

HAZNET databases. Based on the distance and cross gradient location of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

A-Action Radiator/ I-7869 – 6403 East Florence Avenue, located approximately 1/4 to 1/2 of a mile to the northwest of the Site. This facility is cross referenced on the Los Angeles Co. HMS, CA FID UST, HAZNET and LUST databases. This facility has a case closed status for gasoline impacts described as “other groundwater affected”. Abatement method comprised the excavation and disposal of contaminated soil to an approved site. Based on the case closed status of the facility and distance from the Site, it is unlikely that this facility has environmentally impacted the subject property.

Gardena Sumps – Southwest corner of Artesia Avenue and Normandie Avenue, located approximately 1/4 – 1/2 of a mile to the east northeast of the Site. This facility is cross referenced on the CORTESE, AWP, CAL-SITES, CA BOND EXP.PLAN databases. Additional information regarding the Gardena Sumps Superfund Site is included in Section 3.13.

ARCO #1235 – 1800 West Artesia Boulevard, located approximately 1/4 - 1/2 of a mile northwest of the Site. This facility is cross referenced on the LUST databases. The status of the facility is described as gasoline pollution characterization with the lead agency listed as the Regional Board (LARWQCB). Although the facility is upgradient from the Site, based on the knowledge that a responsible party has been identified and the distance of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

CHEVRON # 9-2445 – 17400 Western Avenue South, located approximately 1/4 - 1/2 of a mile northwest of the Site. This facility is cross referenced on the HAZNET and LUST databases. The status of the facility is described as a gasoline release from a UST with “other groundwater affected”. Abatement method is described as vapor extraction and the lead agency listed is the Regional Board (LARWQCB). Although the facility is upgradient from the Site, based on the knowledge that a responsible party has been identified and the distance of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

SEARS Roebuck & Company – 1917 West Artesia Boulevard, located approximately 1/4 to 1/2 of a mile west northwest from the Site. This facility is cross referenced on the LUST databases. The status of this site is case closed and described as a gasoline release with “other groundwater affected”. Although the facility is upgradient from the Site, based on the knowledge that a responsible party has been identified, the case closed status and the distance of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

Theim Industries – 1918 West Artesia Boulevard, located approximately 1/4 to 1/2 of a mile west northwest of the Site. This facility is cross referenced on the LUST databases. The status of this site is “leak being confirmed” and described as a gasoline release with “other groundwater affected”. Although the facility is upgradient from the Site, based on the knowledge that a responsible party has been identified and the distance of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

WMUDS/SWAT

Three WMUDS/SWAT facilities were identified in the EDR database search. However, one of the facilities is the Gardena Sumps as previously described. The two remaining facilities are located 1/4 to 1/2 of a mile to the west northwest and north west. Although upgradient from the Site based on the distance of these facilities from the Site, they are considered unlikely to have environmentally impacted the Site.

LUST

Nine LUST facilities were identified in the EDR database search. However, three of the facilities listed in the EDR report are located in either a cross or down gradient direction. Thus, these three facilities are unlikely to have environmentally impacted the Site. The remaining six facilities (**Honeywell Inc., A-Action Radiator/ I-7869, Arco #1235, Chevron # 9-2445, SEARS Roebuck & Co. and Them Industries**) are discussed above in the CORTESE database review.

BEP/CA BOND EXP. PLAN

One BEP/CA BOND EXP. PLAN facility was identified in the EDR database search. The facility listed is the Gardena Sumps Superfund Site as described in Section 3.13 of this report.

CA FID

Two CA FID facilities were identified in the EDR database search. One of the facilities is the Morton International Inc, (Bee Chemical Company) facility located at 1500 West 178th Street as previously documented in this report. The remaining facility is the SHIGES Foreign Car Service facility located on 1610 West Artesia Avenue as identified in the US EPA RCRIS-SQG, FINDS, LOS ANGELES CO. HMS, CA FID and HAZNET databases as discussed above.

HIST UST

Two facilities (three listings/companies for one address) with historic USTs were identified in the EDR database search within a one-quarter mile radius of the Site. The closest facility is Morton International Inc. (former Bee Chemical) located less than 1/8 of a mile from the Site and previously described in Section 3.13 of this report. Although up gradient from the Site, the other listing is not likely to have impacted the Property based on the distance from the Site and the absence of both violations and/or known unauthorized releases from the facility.

US BROWNFIELDS

One US BROWNFIELD site was identified in the EDR database search and is the Gardena Sumps Superfund Site documented in Section 3.13 of this report.

REF

One REF facility was identified in the EDR database search and is the Aladdin Plastics Inc. facility as previously described under the CORTESE database listings. Facilities are listed in the database when contamination has not been confirmed and which were determined as not requiring DTSC Site Mitigation Program action or oversight. Accordingly, these facilities have been referred to another local regulatory agency.

CA SLIC

One facility was identified in the CA SLIC database within a 1/2 mile radius of the Site. The facility is listed as **Honeywell Inc.**, and is detailed above in the CORTESE database.

4.2 CITY, COUNTY AND STATE RECORDS REVIEW

4.2.1 City of Gardena Building, Planning and Fire Prevention Departments

SECOR staff visited the City of Gardena Building, Planning and Engineering Departments and the City of Gardena Fire Prevention Departments on April 21, 2004 to research permits that may be on file for the Site. A representative from the fire department referred SECOR to the Los Angeles County Department of Public Works (LACDPW) with respect to information pertaining to the use, storage or transfer of hazardous materials at the Site. Building permits exist for the Site address of 1515 West 178th Street and indicate that the existing office/warehouse building was constructed in 1961. Records include electrical, plumbing, and building applications. SECOR did not review any documents that indicate the former or current presence of under ground or above ground storage tanks used for storing hazardous materials. No environmental conditions were identified at the Site as a result of a review of historical building and planning permit records.

4.2.2 Regional Water Quality Control Board (RWQCB), Los Angeles Region (1)

SECOR staff contacted the Los Angeles Regional Water Quality Control Board (LARWQCB) to request a review of files pertaining to the Site, as well as the former Bee chemical property located at 1500 West 178th Street. As of the date of this report, the LARWQCB staff has not contacted SECOR to confirm the existence of files for either the Site or 1500 West 178th Street.

4.2.3 Los Angeles County Department of Public Works (LACDPW)

SECOR staff contacted the LACDPW in Alhambra to research permits that may be on file for the Site. The LACDPW indicated that they had files for the Site located at 1515 West 178th Street, as well as a file pertaining to the former Bee Chemical Company located at 1500 West 178th Street. Information obtained from a review of the files on April 21, 2004 and pertaining to the Site is incorporated into Sections 3.13 and 5.5 of this report and included in Appendix F (Supporting Documentation) and Appendix G (Adjacent Land Use Supporting Documentation).

5.0 HISTORICAL RECORDS REVIEW

SECOR developed an understanding of past use of the property through research of the following available information resources.

5.1 AERIAL PHOTOGRAPHIC REVIEW

Aerial photographs for the property and surrounding areas were ordered from EDR to evaluate historical usage of the site and adjacent properties. The general activity on a property and land use changes can often be discerned from the type and layout of structures visible in aerial photographs and maps; however, specific elements of a site operation cannot normally be determined.

The following aerial photographs of the Site and surrounding areas were examined during SECOR's historical investigations.

1. Photographer: Fairchild

Date: 1928

The Site appears to have agricultural use, as a result potential for pesticides is a REC. The surrounding properties appear to be used for residential, commercial and agricultural use. The Site is bound by agricultural use on all sides and regionally the road for the Harbor Freeway is in place. The Dominguez Channel has not yet been developed.

2. Photographer: Laval

Date: 1938

The Site and surroundings appear similar to the 1928 photograph except the property appears to be utilized with row crops.

3. Photographer: Fairchild

Date: 1947

The Site remains similar to the previous photographs. Regionally, north of the site is now developed with residential tract housing. The nearby surrounding properties continue to develop with more residential and commercial use.

4. Photographer: Fairchild

Date: 1956

The Site appears to now be a vacant lot with a few trees on the property. The region south of the Site has been fully developed with a mixture of mostly residential dwellings with some commercial/industrial buildings. The Dominguez Channel appears to be in the process of being constructed to the north of the Site. The properties near the current Dominguez Channel have either remained vacant or used for agriculture.

5. Photograph: Fairchild
Date: 1965

The Site has now been developed with a single large structure that matches the existing warehouse building and surrounding parking spaces on the Site. Construction activities on the Dominguez Channel appear to have been completed due north of the Site. Regionally, residential tract housing has developed northeast of the Site. Additionally, south of the Site, residential tract housing has filled in the remaining vacant/agriculture properties.

6. Photograph: Teledyne
Date: 1976

The Site and surrounding area is relatively unchanged from the present day layout.

7. Photograph: USGS
Date: 1989

The Site and surrounding area is relatively unchanged from the present day layout.

8. Photograph: USGS
Date: 2002

The Site and surrounding area is relatively unchanged from the present day layout.

SECOR's interpretation of historical aerial photographs indicates the Site was developed with agricultural use from at least 1928 to sometime between 1956 and 1961. The Site was developed in 1961 as confirmed by building records obtained for the Site. The footprint of the building is relatively unchanged from the present day layout. The former Bee Chemical facility located on the opposite side of West 178th Street is a known source of impact to groundwater. Based on the Site's history of agricultural use, SECOR recommends a shallow subsurface investigation to determine if impact has occurred from potential pesticide use. Copies of the Aerial Photographs are included in Appendix C.

5.2 FIRE INSURANCE MAPS

Available Fire insurance maps were requested from Environmental Data Resources. No Sanborn Fire Insurance maps were available for the Site vicinity.

5.3 HISTORICAL CITY STREET DIRECTORIES

Available historical City Directories were requested from EDR for the Site address of 1515 West 178th Street, Gardena. The directory produced by Pacific Telephone in 1962 lists Globe Illumination Co. which is the first company listing at that address and confirms the first known and reported development of the Site in 1961. Two companies are listed in the directory issued by Pacific Telephone in 1980 suggesting dual use. Other than Globe illumination Co., the other company listed (Pertainer Inc.) is unknown in terms of business use. Malco Co. is listed in the directory produced by Pacific Bell in 1990 and again the business use is unknown. Ortho

Mattress Inc. is listed in the 1995 Pacific Bell directory. Information pertaining to the Globe Illumination Co. is provided in Section 5.5 of this report. The area has historically been used for commercial and light to heavy industrial land use. Although the Site was used by the Globe Illumination Co. and thus, suggesting a light industrial manufacturing use of the Site, no recognized environmental conditions (RECs) were observed during SECOR's review of historical city directories for the Site address. Adjacent notable surrounding land use includes sheet metal, dump truck servicing, aggregate supply, roofing, metal and plastics testing labs, automatic equipment, chemical companies, metal finishing, auto repair, aerospace related industries and other companies (use unknown). A copy of the city directory abstract is included as Appendix D.

5.4 HISTORICAL TOPOGRAPHIC MAPS

Available historical topographic maps were requested from EDR for the Site and surrounding properties. Maps from the years 1924, 1934, 1951, 1964, Photorevised 1964-1972, and Photorevised 1964-1981 were reviewed to fill in historical data gaps from the aerial photographic and city directory reviews. The maps from 1924 to 1951 indicate the Site was undeveloped and likely comprised agricultural or vacant scrub land until the first indication of the development of the site with the current office/warehouse structure shown on the map dated 1964. The area is a mixture of commercial, industrial and residential properties from about 1951 onwards. Other than the manufacturing use of the Site from 1961 onwards, there were no obvious recognized environmental concerns identified during SECOR's review of historical topographic maps for the Site. Copies of the historical topographic maps are included in Appendix E.

5.5 FORMER ENVIRONMENTAL REPORTS

The Olson Company provided SECOR with documents forwarded by the current owner (Mr. Leonard Rosenblatt) of the Site. The following section provides a summary of the documents reviewed by SECOR, which are included in Appendix F:

Phase I Environmental Site Assessment Report, 1515 West 178th Street, Gardena, California, prepared by Targhee, Inc., dated July 23, 1990.

A Phase I Environmental Site Assessment (ESA) report was prepared for the Site on July 23, 1990. The ESA comprised a records review and an on-site inspection conducted on July 12, 1990. The findings of the report indicate the Site was vacant at the time of the site inspection and was formerly occupied by Globe Illumination, a manufacturer of light fixtures. The company filed for Chapter 11 bankruptcy in early 1989 and ceased operations at that time. Prior to the construction of the warehouse office building in 1961, the land was formerly used for agricultural purposes. Prior to 1928, the land was reportedly natural scrub vegetation. The ESA reported that the Site is bordered or extremely close to three sites of concern. These were identified as Bee Chemical, Aladdin Plastics and a former smelter located due east of the Site. The report states that the balance of sites referenced in the Agency Review section are sufficiently distant and do not pose a potential for adverse environmental impacts to the Site.

The ESA reports in its conclusions that Bee Chemical had installed an extensive groundwater monitoring network on and adjacent to its property. There is confirmed groundwater contamination both on and off Bee Chemical's site by chlorinated solvents and gasoline compounds. The groundwater gradient in the area appears to be towards the south/southeast, away from the Site

with respect to Bee Chemical. Chlorinated solvents have been detected in Bee chemicals up-most gradient well (located in the middle of 178th Street). An on-site source of the gasoline components was discovered and subsequently removed several years ago. The Regional Water Quality Control Board (RWQCB) was reportedly involved with the assessment and remediation of this site. An off-site source for the chlorinated organic compounds was been postulated by the Water Board.

Alladin Plastics had reportedly addressed waste oil contamination at its site approximately 1,000 feet east of the Site. Between the Site and Alladin Plastics was a vacant parcel formerly occupied by a metal smelting facility. The facility removed four UST's in 1987 and no evidence of contamination was reportedly noted. A limited subsurface investigation was conducted on this site in 1988. No elevated levels of heavy metals or chlorinated solvents were detected at the locations sampled during the investigation.

Targhee report that records maintained by two regulatory agencies indicate that Globe illumination did not use chlorinated solvents in their production process. Targhee report that "if this information is factual, then there is only a minimal likelihood of involvement in the Bee Chemical remediation. However, the discovery of unknown subsurface contamination at the rear of the facility may result in the RWQCB ordering subsurface investigations on the Site in conjunction with the Bee Chemical investigation". Targhee state that there is a minimal to non-existent potential for inclusion in either site assessment or remediation activities associated with the Aladdin Plastics site or the improved parcel located due east of the site. Targhee also comment on the presence of containers used for storing chemicals on the Site and report that "the nature of limited quantities of materials contained in 55-gallon drums and five-gallon cans located at the rear (north) of the facility is unknown. While the contents of these cans and drums may require handling and disposal as hazardous wastes, in their present intact condition they pose only a minimal potential of adverse environmental impacts to the subject site itself". Targhee also reported that the flammable liquid storage room and the trough discharging from the maintenance area are two areas of potential concern. They indicate that it was difficult to determine the exact nature of the potential adverse impacts observed at these two locations and that while there are visual and olfactory indications of contamination not to the subsurface but in the drain to the sanitary sewer system. They also comment that it is likely that the physical damage was the result of wear and impact and that while staining and residues were observed in this area and spills were likely during past operations, the physical characteristics of the materials render transport of these materials into the near subsurface unlikely.

Limited Subsurface Investigation Report, 1515 West 178th Street, Gardena, California, prepared by Targhee, Inc., dated July 24, 1990.

A limited subsurface investigation was conducted at the site by Targhee on July 18, 1990. The scope of work comprised the collection of two unconsolidated soil samples (B-1-6" and B-1-2') from an unpaved area, gravel covered area located beneath a trough at the north end of the facility. Targhee reported that the subsurface contamination was suspected at this location due to heavy surficial staining. Additionally, a grab sample of the free liquid (FD-1) standing in the floor drain of the flammable liquid storage room was obtained. Both the soil and liquid samples were analyzed for the presence of petroleum hydrocarbon contamination by EPA Test Method 418.1, halogenated organic compounds by EPA Test Method 8010 and volatile aromatic compounds by EPA Test Method 8020. Total Recoverable Petroleum Hydrocarbon (TRPH) concentrations of 14,000 mg/kg and 12,000 mg/kg were detected in the soil samples designated B-1-6' and B-1-2'. Trichloroethane, ethylbenzene and xylenes was detected in soil sample B-1-6" at a concentration of 820, 850 and

2800 µg/kg, respectively. Trichloroethane, chlorobenzene, ethylbenzene, toluene and xylenes were detected in soil sample B-1-2' at a concentration of 5,000, 890, 4,700, 1,300 and 17,000 µg/kg, respectively. The grab sample of fluid labeled FD-1 reported a TRPH concentration of 370 mg/L, Dichloroethane and Toluene at a concentration of 6,100 and 10,000 µg/L (although reported by Targhee as µg/kg), respectively. The liquid also reported a pH concentration of 5.7. Targhee reported that "subsurface contamination is present at potentially significant levels at the rear of the facility below the trough and that the contamination does not attenuate with depth. They furthermore state that "the lateral and vertical extent of the contamination is unknown as is its potential impact on groundwater". Targhee concluded that "the discovery of subsurface contamination by both chlorinated and aromatic hydrocarbons increases the probability of this sites inclusion in groundwater investigations and remediation vis-à-vis the Bee Chemical site located due south of the Site. If groundwater has not been impacted, remediation of the limited soil contamination is nonetheless recommended". Targhee recommended an additional subsurface investigation be completed to delineate the lateral and vertical extent of the contamination at the rear of the facility that should comprise a minimum of three 20 foot soil borings and the collection of discrete, undisturbed soil samples at depths of five, ten and twenty feet below ground surface (bgs). Samples should be analyzed for the presence of various organic compounds by the same methods cited above. They also advise that other potential disposal routes on site may require some investigation, which include the storm drain located at the northwest corner of the building and the floor drain in the storage area.

Report of Drilling and Soil Sampling – 1515 West 178th Street, Gardena, California, prepared by Targhee, Inc., dated August 10, 1990.

Targhee completed four soil borings (3 borings using a hollow stem auger rig and one using a hand auger) near the northern edge of the building at the Site on August 10, 1990. The purpose of the soil borings was to collect subsurface soil samples that would help define the extent of soil contamination detected previously in surface samples in the area. The holes were designated "West Hole", "Center Hole", and "East Hole". The hand auger soil boring was labeled "Outfall Hole". Targhee concluded that the contamination has not migrated vertically. Rather, it has spread laterally along the entire length of the railroad tracks. Targhee report that additional analyses for heavier hydrocarbons were being conducted and that the results were expected on August 22, 1990.

Results of Additional Laboratory Analyses, 1515 West 178th Street, Gardena, California, prepared by Targhee, Inc., dated August 27, 1990.

Letter report prepared by Targhee documenting the results of additional laboratory analyses conducted on soil samples which were obtained during the Limited Subsurface Investigation completed on July 18, 1990. The letter report summarizes the results of all investigations to date and provides recommendations regarding future activities at the site. Four soil samples (West Hole 5 ft., Center Hole 5 ft., East Hole 5 ft., and outfall 7 ft. were analyzed via EPA Test Method 418.1 to detect the presence of heavier hydrocarbon species (such as oils, greases etc.). The results indicated TRPH concentrations of 20, 35, 15 and 135 mg/kg in soil samples West Hole 5 ft., Center Hole 5 ft., East Hole 5 ft. and outfall 7 feet, respectively. Targhee report that based on the limited site investigation only, the analyses indicate that the contamination at the site appears to be concentrated at the outfall located at then center rear of the building. Contamination, consisting of both aromatic and chlorinated hydrocarbon species, is present at the outfall to depths of probably no

more than eight to ten feet. Contamination spreads in an east-west direction, along the direction of the railroad spur, at shallower depths (one to two feet) to the end of the spur on the west and the parking lot on the east. The concentration appears to decrease in a northerly direction as the berm at the property line is approached. Targhee report that "no conclusions are drawn concerning migration to the south but it is probable that at least some contamination has migrated under the concrete footings, most probably near the center outfall". They also indicated that "the possibility of off-site migration due to surface run-off at the unpaved swale leading northwest from the spur area cannot be discounted.

Targhee concluded that while petroleum-based hydrocarbon contamination is present at those sample locations, it is at levels which present minimal environmental concern. These results, taken into account with earlier analytical data indicate that minimal vertical migration of the contamination has occurred at the site. Targhee reported that "while evidence appears to discount the probability that this contamination has the potential, or has in actuality contaminated the upper-level aquifer in the area, Targhee nonetheless recommends that the RWQCB be informed of the proposed remedial action comprised of the physical removal of the contaminated soils (estimated at approximately 300 cubic yards or 360 tons), stockpiling the soils on site to assure complete removal of the contamination, disposal of the soil by appropriate means, and finally by backfilling and compacting the excavated area".

Targhee emphasize that notification to the RWQCB is essential to assure the owners non-involvement with the Bee Chemical site located across West 178th Street and to establish, officially the fact that Globe has not contributed to that groundwater contamination.

Soil Excavation Report (including Soil Compaction Report prepared by NorCal Engineering dated May 10, 1991), 1515 West 178th Street, Gardena, California, prepared by Pomona Valley Environmental, Inc. (PVE), dated May 9, 1991.

A letter report was issued to Mr. Rosenblatt by PVE that documented the excavation and removal of 397.40 tons of soil. The letter report states that the soils removed (cold process paving materials) were used as paving for a Kmart parking lot. The compaction report documents compaction tests that were performed under the direction of a PVE representative. The relative compaction was reportedly determined by the Drive Tube Method (ASTM D-2937) with the maximum density of the fill soils obtained by the laboratory standard (ASTM D 1557-78). The relative compaction was 91% with the maximum dry density 124 pounds per cubic foot (lbs/cu.ft.).

Closure Report #019121 prepared by Pomona Valley Environmental, Inc. (PVE) undated.

A Closure Report was issued by PVE that presented a summary of the methods utilized to excavate, remove and dispose of the contaminated soil at 1515 West 178th Street, Gardena, California. PVE reported that a criterion of 100ppm using a "TLV Bacharach Sniffer" was used to screen the soil until no staining was visible. A field laboratory was also used to check the area of excavation for "hot spots". PVE reported that any areas that had a reading of 100ppm or higher were removed until the soils had a concentration of less than 100 ppm. At this time, samples were taken to Precision Labs and analyzed by 418.1 and 8240 to confirm the area was "clean". The closure report indicates that 397.4 tons of soil was transported to PVE at 9800 Beau Avenue, Riverside for incorporation into Cold Process Paving Materials. The material was used for paving

materials at a Kmart superstore. PVE concluded that based upon the fieldwork performed by PVE and the results of analyses of soil samples collected, no further work is deemed necessary.

Without reviewing files for the Site at the LARWQCB, there is no indication that a “closure and no further action” was issued for the Site by the LARWQCB.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The Site is located in the City of Gardena, Los Angeles County, California. The Site consists of approximately 4.501 acres of land located on the north side of West 178th Street and is addressed as 1515 West 178th Street. The Site is located within a mixed industrial, commercial and residential area. The Site is bound to the north by a parcel of land currently used by riding stables with the Dominguez Channel located beyond; to the east by modern commercial and light industrial office buildings; to the south by West 178th Street and Commercial/light industrial properties (including the currently vacant, former Bee Chemical property) and to the west by a residential trailer park.

The Site comprises one large combined office and warehouse building of approximately 95,000 square feet. Information obtained from a review of building permits held at the City of Gardena Building and Safety and Planning Departments indicate the building was constructed in 1961 with minor remodeling occurring since that time. Prior to the construction of the warehouse office building in 1961, the land was formerly used for agricultural purposes. Other than general warehouse use in recent years, the Site was primarily occupied by Globe Illumination Company, which manufactured light fixtures.

Although the Site is currently branded on the exterior of the office/warehouse building with 'Power Trans Freight Systems, Inc.', the property is currently used by four other companies, which are all involved in the exporting and importing (shipping, transportation and handling) of goods between America, China and Korea. Products typically handled at the Site include various plastic toys, electronic goods and clothing.

Equipment reportedly used by the Globe Illumination Company is currently stored towards the northern portion of the warehouse building. The unused equipment comprised wooden pallets, old conveyor belts and an assortment of machinery parts. One of the storage rooms located towards the southeast corner of the warehouse area also contained an assortment of unused office equipment (computers/files/papers/box files), wooden pallets, worn tires, and empty gas bottles (LPG). The housekeeping of the area was poor and reportedly not used by the current occupants.

Two solid waste dumpsters were observed towards the northwest corner of the warehouse building. The large quantities of trash observed across the exterior areas of the Site suggest poor housekeeping and waste management practices rather than an insufficient number of dumpsters available to handle the quantity of solid waste generated at the Site. A substantial amount of worn tires, plastic oil containers and vehicle batteries have also been dumped in both interior and exterior areas of the Site. The maintenance of the dumpsters and disposal of refuse within the units is managed by Waste Resources, Inc. of Gardena. This is not identified as a recognized environmental condition (REC), but a management issue where SECOR recommends the worn tires, vehicle batteries and plastic oil containers that were observed throughout the Site be removed prior to acquisition.

Two wooden pallets of packaged chemicals were observed towards the northwest corner of and outside of the warehouse building/canopy area and were reportedly left over from the former users of the Site (likely, Globe Illumination Company). One wooden pallet comprised approximately 36 individual plastic 20 liter containers and was labeled "Bio-Strip GR12" (paint and graffiti remover). Some of the containers were damaged, cracked and had released their contents onto the concrete

floor surface in this area. The other wooden pallet contained approximately 30 individual 20 liter plastic tubs of "Rust-Tel". The label was heavily weathered but indicated that it was a rust converter and neutralizer and used for removing red-rust prior to painting. The surface concrete in this area was in good condition and free of major cracks or damage. There is the potential however, for surface water runoff to mobilize the chemicals that had been released from the damaged containers into the former railroad track along the northern most boundary of the Site. This area is considered a REC based on the potential release of chemicals into the subsurface soils located along the northern boundary of the Site. SECOR recommends a subsurface assessment in this area to evaluate if any impact has occurred that would warrant further assessment or clean up.

Impacts to soil (chlorinated solvents including tetrachloroethane) were identified along the northern portion of the Site in 1990, which resulted in a subsurface investigation, excavation of impacted soils and the issuance of a closure report prepared by Pomona Valley Environmental (PVE) in 1991 that presented a summary of methods utilized to excavate, remove and dispose of the contaminated soil identified at 1515 West 178th Street, Gardena, California. PVE reported that any areas that had a reading of 100 ppm or higher were removed until the soils had a concentration of less than 100 ppm. At this time, samples were taken to Precision Labs and analyzed by EPA Test Method 418.1 and 8240 to confirm the area was "clean". The closure report indicates that 397.4 tons of soil was transported to PVE at 9800 Beau Avenue, Riverside for incorporation into Cold Process Paving Materials. The material was used for paving materials at a Kmart superstore. PVE concluded that based upon the fieldwork performed by PVE and the results of analyses of soil samples collected, no further work is deemed necessary.

The data does not indicate that closure was received from the regulatory agencies. Additionally, the 100 ppm clean up level utilized by PVE for the site clean up exceeds the U.S. EPA Region 9 residential preliminary remediation goal (PRG) for several of the detected solvents in soil. As a result, SECOR has identified this as a REC and recommends further assessment in this area to evaluate the residual impact in soil and groundwater as it may affect site development and regulatory closure.

The relatively new commercial office buildings directly to the east of the site appear to be used for light manufacturing purposes (Matsui International Co. located at 1501 West 178th Street reportedly have a discharge permit for cleaning operations associated with production and printing screens used in laboratories). No recognized environmental conditions were observed on the adjacent land to the east of the Site.

The commercial/light industrial properties located directly to the south and down gradient to cross gradient of the Site on the opposite side of West 1278th Street appear to be older with heavier industrial manufacturing use that ranges from a die casting company, engine repair and supply company, as well as a currently vacant commercial building that was formerly occupied by The Bee Chemical Company. The former Bee Chemical Company located at 1500 West 178th Street is a recognized environmental condition due to the historic storage, transfer and use of chemicals, that resulted in the removal of 10 UST's, and remedial action that involved excavation of impacted soils and the removal of free product from groundwater beneath the property. The current status of corrective action conducted at this site is also unknown. SECOR has identified this facility as a REC as discussed below.

Gardena Sumps located on the southwest corner of Normandie Avenue and Artesia Boulevard is a Superfund Site located approximately one quarter to one half of a mile upgradient to the east

northeast of the Site. The Gardena Sumps have been described (taken from the EDR Report) as “An abandoned refinery and oil field waste disposal site, in which the wastes were believed to have been disposed of in sumps over a 15 year period ending in the 1950’s”. Based on information gathered from the site investigators it was determined that impact from this facility has not migrated to the subject property. As a result, no further assessment is recommended.

Based on the site inspection conducted by SECOR and a review of information pertaining to the Site and adjacent surrounding land use, the following recognized environmental conditions (RECs) were identified that would require further assessment:

- Former activities conducted at the Bee Chemical Property located at 1500 West 178th Street has resulted in significant impacts to soil and groundwater from volatile organic and chlorinated solvent compounds. Although groundwater is reported to flow in a direction towards the south southeast (away from the site), impacts to groundwater were historically detected in an up gradient monitoring well located in the middle of West 178th Street directly adjacent to the subject Site.. The current status of local groundwater quality is unknown. SECOR has submitted a request to review files at the LARWQCB, however SECOR has not received an appointment to review files to date. SECOR recommends further effort to attain and review the reports from the LARWQCB.
- Based on the known contaminative use of land on the adjacent (Bee Chemical Company), which has resulted in identifiable impacts to localized soil and groundwater, there is a potential for the onsite migration of these contaminants (volatile organic and chlorinated solvent compounds) onto or beneath the Site. Based on the proposed future use of the Site (residential purposes), SECOR recommends a subsurface investigation to evaluate environmental impacts to subsurface soil and groundwater beneath the Site. Data obtained from the subsurface investigation should be used to evaluate the risks to human health posed by elevated concentrations of volatile organic and chlorinated solvent compounds in the subsurface.
- Based on the Site’s history of agricultural use, SECOR recommends that the shallow subsurface investigation include an evaluation of impacts to shallow soil resulting from the potential use of pesticides.
- Prior to acquisition of the Site, the two damaged wooden pallets of chemicals (paint and graffiti remover and rust converter and neutralizer) observed towards the northwest corner of the warehouse building should be removed by the owner. SECOR recommends a subsurface assessment in this area.

Although not recognized environmental condition, SECOR recommends the following issued be addressed:

- SECOR did not conduct lead-based paint or asbestos evaluations during the site reconnaissance. However, given the age of the structures (circa early 1960’s), lead-based paint and asbestos should be anticipated in the buildings. Prior to any disturbance of painted materials, SECOR recommends a comprehensive, AHERA-level asbestos sampling survey and Lead-Based Paint Survey be conducted.

- SECOR identified a management issue where worn tires, vehicle batteries and plastic oil containers that were observed throughout the Site. SECOR recommends these items be removed prior to acquisition.

7.0 CLOSURE

The conclusions and recommendations contained in this report/assessment are based upon professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location and are subject to the following inherent limitations. This environmental site assessment was prepared under the terms and conditions of SECOR's MSA with the Olson Company. To the extent any provision of this report conflict with the MSA, the MSA will govern:

1. The data and findings presented in this report are valid as of the dates when the investigations were performed. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.
2. The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Work. The Scope of Work was defined as set out in the Consulting Master Services Agreement between SECOR and The Olson Company "Master Services Agreement".
3. Unless otherwise stated in the report, because of the limitations stated above, the findings observations, and conclusions expressed by SECOR in this report are not, and should not be, considered an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation.
4. No warranty or guarantee, whether express or implied, is made with respect to the data or the reported findings, observations, and conclusions, all of which, however, accurately reflect site conditions in existence at the time of investigation.
5. SECOR Phase I ESA Reports present professional opinions and findings of a scientific and technical nature. While attempts were made to relate the data and findings to applicable environmental laws and regulations, the report shall not be construed to offer legal opinion as to the requirements of, nor compliance with, environmental laws, rules, regulations or policies of federal, state or local governmental agencies. Any use of the Phase I Report constitutes acceptance of the limits of SECOR's liability. SECOR's liability extends only to those parties defined in the Master Services Agreement and not to any other parties who may obtain the Phase I Report. Issues raised by the report should be reviewed by appropriate legal counsel.
6. This report is based, in part, on unverified information supplied to SECOR by third-party sources. While efforts have been made to substantiate this third-party information, SECOR cannot guarantee its completeness or accuracy.

8.0 REFERENCES

City of Gardena Building and Safety and Planning Department

City of Gardena Fire Department

Department of Oil, Gas and Geothermal Resources Index Map No. 300

Environmental Data Resources, Inc. (EDR), *EDR Radius Map Report with GeoCheck, 1515 West 178th Street, Gardena, California*, EDR Inquiry No. 1173617-4, Dated April 19, 2004.

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Los Angeles County Department of Public Works, Alhambra

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Regional Water Quality Control Board, Los Angeles Region

Targhee, Inc., *Phase I Environmental Site Assessment Report*, 1515 West 178th Street, Gardena, California, dated July 23, 1990.

Targhee, Inc., *Limited Subsurface Investigation Report*, 1515 West 178th Street, Gardena, California, dated July 24, 1990.

Targhee, Inc., *Report of Drilling and Soil Sampling*, 1515 West 178th Street, Gardena, California, dated August 10, 1990.

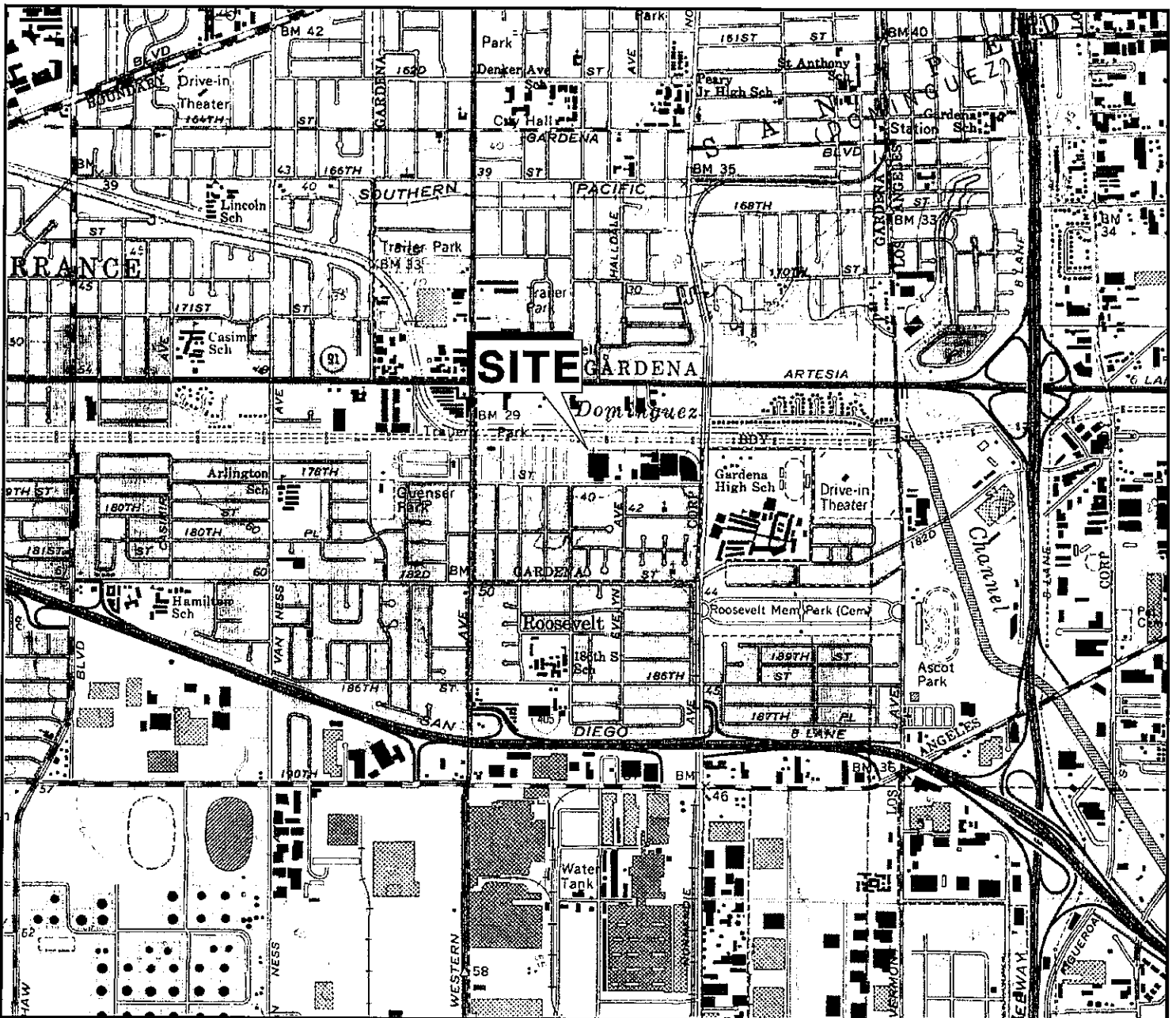
Targhee, Inc., *Results of Additional Laboratory Analyses*, 1515 West 178th Street, Gardena, California, dated August 27, 1990.

USGS 7.5 Minute Topographic Series Geologic Map, Torrance Quadrangle, Scale 1:24,000.

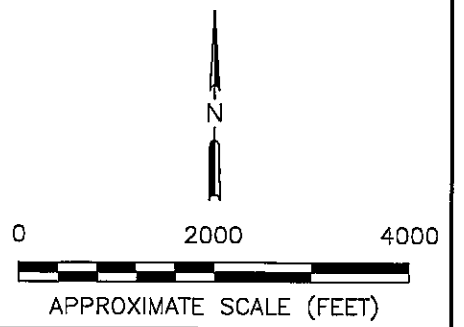
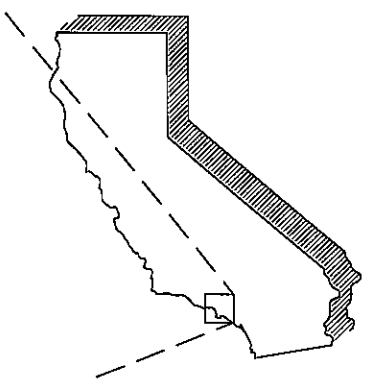
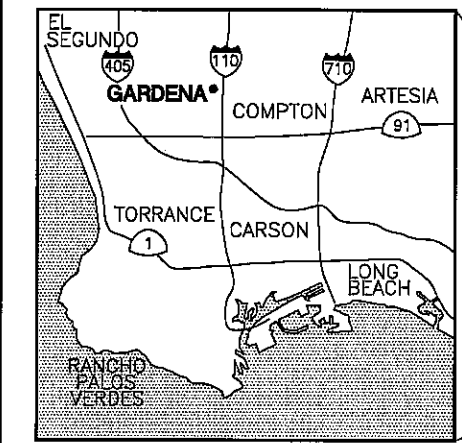
APPENDIX F
SUPPORTING DOCUMENTATION


APPENDIX G
ADJACENT LAND USE SUPPORTING DOCUMENTATION

FIGURES



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAPS, INGLEWOOD QUADRANGLE, 1964
 PHOTOREVISED 1981
 TORRANCE QUADRANGLE, 1964
 PHOTOREVISED 1981



 SECOR 290 Conejo Ridge Avenue, Suite 200 Thousand Oaks, CA 91361 (805) 230-1266 / 230-1277 (Fax)	FOR: THE OLSON COMPANY PHASE I ESA POWER TRANS FREIGHT SYSTEMS, INC. 1515 West 178th Street Gardena, California		SITE LOCATION MAP		FIGURE: 1
	JOB NUMBER: 04OT.29213.41.001	DRAWN BY: R. Roman	CHECKED BY: L. Simons	APPROVED BY: L. Simons	DATE: 05/05/04

ARTESIA BOULEVARD

VACANT LOT



DOMINGUEZ WATER CHANNEL

RIDING STABLES/
PADDOCK

COMMERCIAL OFFICE
BUILDINGS

RESIDENTIAL
TRAILER
PARK

SUBJECT
PROPERTY

MATSUI
INTERNATIONAL

DRAINAGE EASEMENT

WEST 178th STREET

COX DIE
CASTING

VACANT LOT
(FORMER BEE
CHEMICAL FACILITY)

ANDERSON
REPAIR AND
SUPPLY INC.

ROGER LAWRENCE
& ASSOCIATES
(COMMERCIAL
OFFICES)

WEST 179th STREET

RESIDENTIAL

SOUTH HARVARD BOULEVARD

RESIDENTIAL

RESIDENTIAL

LA SALLE AVENUE

RESIDENTIAL

RESIDENTIAL

SOUTH DENKER AVENUE

EVELYN AVENUE

WEST 180th STREET

LEGEND

--- SUBJECT PROPERTY BOUNDARY

NOTES:

1. MAP REFERENCES: COUNTY OF LOS ANGELES ASSESSOR'S MAPS, DATES VARY. USGS AERIAL IMAGE DATED MAY 31, 1994. NAD 83 CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE V (FT.). NOT A SURVEYED MAP, SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

0 300 600



APPROXIMATE SCALE (FEET)



SECOR

290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91351
(805) 230-1266 / 230-1277 (Fax)

FOR:

THE OLSON COMPANY
PHASE I ESA
POWER TRANS FREIGHT SYSTEMS, INC.
1515 West 178th Street
Gardena, California

SITE VICINITY MAP

FIGURE:

2

JOB NUMBER:

04OT.29213.41.001

DRAWN BY:

R. Roman

CHECKED BY:

L. Simons

APPROVED BY:

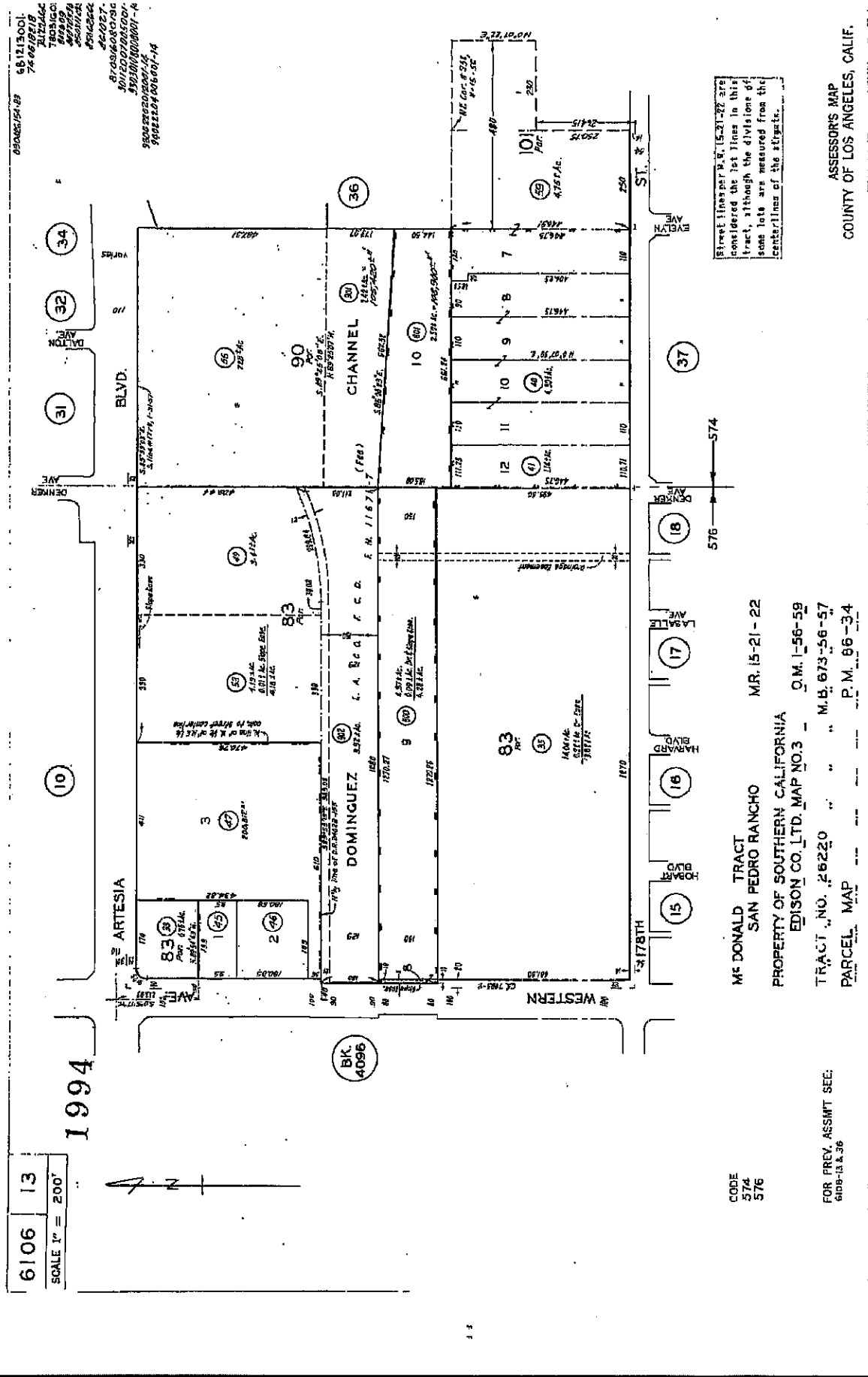
L. Simons

DATE:

05/05/04

View Enlarged Map View Printing Instructions

County of Los Angeles, Rick Auerbach, Assessor



**APPENDIX A
SITE PHOTOGRAPHS**



Photograph No. 1

View looking west along front entrance of Site (southern boundary) along West 178th Street



Photograph No. 2

View along east boundary of Site looking north.



Photograph No. 3

View along west boundary of Site, looking southwest towards adjacent residential trailer home park



Photograph No. 4

View along the northern boundary of the Site (former railroad that trends east to west).



Photograph No. 5

View of main entrance to office area. Materials observed in this area are typical of the materials used in the office suites. The door in the background leads to the warehouse area.



Photograph No. 6

View of central office building located in the warehouse. Rooms include a gym, kitchen, restrooms and general office space.



Photograph No. 7

An assortment of items (box files, empty gas bottles, worn tires, office furniture etc.) observed in the storage room located towards the southeast corner of the warehouse building.



Photograph No. 8

View of storage area located in the northern portion of the warehouse building. The area is currently unused and reportedly the result of former manufacturing operations conducted at the Site.



Photograph No. 9

View of pallets of damaged chemicals and worn tires stored towards the northwest corner of the warehouse building.



Photograph No. 10

View of trash dumped along the east boundary of the Site. Items include general household trash, batteries, worn tires and plastic oil containers.



**The EDR – Aerial Photography
Print Service**

**178th St.
1515 West 178th St.
Gardena CA 90248**

**Inquiry Number: 1173617.5
April 21, 2004**

***The Source for*
Environmental Risk
Management Data**

**440 Wheelers Farms Road
Milford, Connecticut 06460**

**Nationwide Customer Service
Telephone: 1-800-352-0050
Fax: 1-800-231-6802**

APPENDIX B
ENVIRONMENTAL DATABASE



EDR™ Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**178th Street
1515 West 178th Street
Gardena, CA 90248**

Inquiry Number: 1173617.2s

April 20, 2004

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

1515 WEST 178TH STREET
GARDENA, CA 90248

COORDINATES

Latitude (North): 33.869900 - 33° 52' 11.6"
Longitude (West): 118.303900 - 118° 18' 14.0"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 379397.7
UTM Y (Meters): 3748301.8
Elevation: 34 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 33118-G3 TORRANCE, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
GREENBOG INC 1515 W 178TH ST B GARDENA, CA	LOS ANGELES CO. HMS	N/A
1515 178TH STREET 1515 178TH STREET GARDENA, CA 90248	CHMIRS	N/A
POWER TRANS FREIGHT SYSTEMS 1515 W 178TH ST A GARDENA, CA	LOS ANGELES CO. HMS	N/A
VACANT 1515 W 178TH ST GARDENA, CA	LOS ANGELES CO. HMS	N/A
GLOBE ILLUMINATING CO 1515 W 178TH ST GARDENA, CA	LOS ANGELES CO. HMS	N/A
GLOBE ILLUMINATION COMPANY 1515 W 178TH ST GARDENA, CA 90248	RCRIS-SQG FINDS CERC-NFRAP REF	CAD008388506

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
RCRIS-TSD	Resource Conservation and Recovery Information System
ERNS	Emergency Response Notification System

STATE ASTM STANDARD

Notify 65	Proposition 65 Records
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
UST	List of Underground Storage Tank Facilities
VCP	Voluntary Cleanup Program Properties
INDIAN UST	Underground Storage Tanks on Indian Land
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
INDIAN RESERV	Indian Reservations
DOD	Department of Defense Sites
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST	Aboveground Petroleum Storage Tank Facilities
CLEANERS	Cleaner Facilities
CA WDS	Waste Discharge System
DEED	List of Deed Restrictions
SCH	School Property Evaluation Program

EXECUTIVE SUMMARY

NFA..... No Further Action Determination
EMI..... Emissions Inventory Data
NFE..... Properties Needing Further Evaluation
HAZNET..... Hazardous Waste Information System
LA Co. Site Mitigation..... Site Mitigation List
AOCONCERN..... San Gabriel Valley Areas of Concern

BROWNFIELDS DATABASES

VCP..... Voluntary Cleanup Program Properties

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

FEDERAL ASTM STANDARD

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 02/26/2004 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GARDENA SUMPS</i>	<i>SW COR OF ARTESIA & NOR</i>	<i>1/4 - 1/2ENE</i>	<i>F24</i>	<i>28</i>

CERCLIS-NFRAP: As of February 1995. CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended

EXECUTIVE SUMMARY

barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/26/2004 has revealed that there are 2 CERC-NFRAP sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MORTON INTERNATIONAL INC ALADDIN PLASTICS INC	1500 WEST 178TH STREET 1415 W 178TH ST	0 - 1/8 ESE 1/8 - 1/4 E	B9 E19	13 24

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/15/2004 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INTEL LIGHT METALS CORP	19200 S WESTERN AVE	1/2 - 1 SSW	40	58

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-LQG list, as provided by EDR, and dated 03/09/2004 has revealed that there is 1 RCRIS-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
S B MANAGEMENT CORPORATION	1415 W 178TH ST	1/8 - 1/4 E	E21	27

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of

EXECUTIVE SUMMARY

the waste.

A review of the RCRIS-SQG list, as provided by EDR, and dated 03/09/2004 has revealed that there are 9 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>COX DIE CASTING</i>	<i>1528 W 178TH ST</i>	<i>0 - 1/8 SE</i>	<i>7</i>	<i>10</i>
<i>MATSUQ INTL</i>	<i>1501 W 178TH ST</i>	<i>0 - 1/8 ESE</i>	<i>B8</i>	<i>13</i>
<i>MORTON INTERNATIONAL INC</i>	<i>1500 WEST 178TH STREET</i>	<i>0 - 1/8 ESE</i>	<i>B9</i>	<i>13</i>
<i>ROTARY TECHNOLOGIES CORP</i>	<i>1468 WEST 178TH STREET</i>	<i>1/8 - 1/4ESE</i>	<i>10</i>	<i>17</i>
<i>SCHIAOA BOATS INC</i>	<i>1702 W 180TH ST</i>	<i>1/8 - 1/4SW</i>	<i>22</i>	<i>27</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>AUTO BODY CONNECTION</i>	<i>1610 W ARTESIA</i>	<i>1/8 - 1/4NNW</i>	<i>C11</i>	<i>18</i>
<i>SHIGES FOREIGN CAR SERVICE</i>	<i>1610 W ARTESIA</i>	<i>1/8 - 1/4NNW</i>	<i>C12</i>	<i>18</i>
<i>CLASSIC AUTOMOTIVE</i>	<i>1610 W ARTESIA BLVD</i>	<i>1/8 - 1/4NNW</i>	<i>D14</i>	<i>20</i>
<i>AUTOBODY CONNECTION</i>	<i>1610 W ARTESIA BLVD</i>	<i>1/8 - 1/4NNW</i>	<i>D15</i>	<i>21</i>

STATE ASTM STANDARD

AWP: California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for cleanup. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, and dated 03/02/2004 has revealed that there is 1 AWP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GARDENA SUMPS</i>	<i>SW CRNR OF NORMANDIE AV</i>	<i>1/4 - 1/2ENE</i>	<i>F25</i>	<i>29</i>

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there is 1 Cal-Sites site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GARDENA SUMPS</i>	<i>SW CRNR OF NORMANDIE AV</i>	<i>1/4 - 1/2ENE</i>	<i>F25</i>	<i>29</i>

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 11 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>MORTON INTERNATIONAL INC</i>	<i>1500 WEST 178TH STREET</i>	<i>0 - 1/8 ESE</i>	<i>B9</i>	<i>13</i>

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALADDIN PLASTICS INC	1415 178TH	1/8 - 1/4 E	E18	23
UNITED OIL #44 (UNOCAL)	18130 S WESTERN AVE	1/4 - 1/2 SW	H32	40
HONEYWELL INC.	17300 WESTERN AVE.	1/4 - 1/2 NW	34	43
MOBIL #18-EDP (FORMER #11)	18203 WESTERN	1/4 - 1/2 SW	I36	49
A-ACTION RADIATOR/ I-7869	6403 E FLORENCE AVE	1/4 - 1/2 NW	38	52
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GARDENA SUMPS	SW CRNR OF NORMANDIE AV	1/4 - 1/2 ENE	F25	29
ARCO #1235	1800 ARTESIA BLVD W	1/4 - 1/2 NW	G30	34
CHEVRON #9-2445	17400 WESTERN AVE S	1/4 - 1/2 NW	G31	37
SEARS ROEBUCK AND COMPANY	1917 ARTESIA BLVD W	1/4 - 1/2 WNW	J37	50
THEIM INDUSTRIES	1918 ARTESIA BLVD W	1/4 - 1/2 WNW	J39	56

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, has revealed that there are 3 WMUDS/SWAT sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GARDENA SUMPS	SW COR OF ARTESIA & NOR	1/4 - 1/2 ENE	F24	28
GARDENA-174TH & WESTERN	174TH / WESTERN	1/4 - 1/2 WNW	G27	31
LOS ANGELES COUNTY ROAD DEPART	ARTESIA / WESTERN	1/4 - 1/2 NW	G29	33

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

A review of the LUST list, as provided by EDR, and dated 03/04/2004 has revealed that there are 10 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MORTON INTERNATIONAL INC	1500 WEST 178TH STREET	0 - 1/8 ESE	B9	13
UNITED OIL #44/RAPID GAS #44	18130 WESTERN AVE S	1/4 - 1/2 SW	H33	41
HONEYWELL INC.	17300 WESTERN AVE.	1/4 - 1/2 NW	34	43
MOBIL #18-EDP (FORMER #11-EDP)	18203 WESTERN AVE S	1/4 - 1/2 SW	I35	47
A-ACTION RADIATOR/ I-7869	6403 E FLORENCE AVE	1/4 - 1/2 NW	38	52
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARCO #1235	1800 ARTESIA BLVD W	1/4 - 1/2 WNW	G28	32
ARCO #1235	1800 ARTESIA BLVD W	1/4 - 1/2 NW	G30	34
CHEVRON #9-2445	17400 WESTERN AVE S	1/4 - 1/2 NW	G31	37
SEARS ROEBUCK AND COMPANY	1917 ARTESIA BLVD W	1/4 - 1/2 WNW	J37	50
THEIM INDUSTRIES	1918 ARTESIA BLVD W	1/4 - 1/2 WNW	J39	56

EXECUTIVE SUMMARY

BEP: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GARDENA SUMPS	SOUTHWEST CORNER OF NOR	1/4 - 1/2ENE	F26	30

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

A review of the CA FID UST list, as provided by EDR, has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MORTON INTERNATIONAL INC	1500 WEST 178TH STREET	0 - 1/8 ESE	B9	13
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SHIGES FOREIGN CAR SERVICE	1610 W ARTESIA	1/8 - 1/4NNW	C12	18

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 4 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MORTON INTERNATIONAL INC	1500 WEST 178TH STREET	0 - 1/8 ESE	B9	13
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INTERSTATE TRANSMISSIONS.	1610 W ARTESIA BLVD	1/8 - 1/4NNW	D13	19
SHIGE'S FOREIGN CAR SERVICE	1610 W ARTESIA BLVD	1/8 - 1/4NNW	D16	23
CLASSIC AUTOMOTIVE-HONDA SPC.	1610 W ARTESIA BLVD	1/8 - 1/4NNW	D17	23

FEDERAL ASTM SUPPLEMENTAL

US BROWNFIELDS: The EPA's listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 07/15/2003 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GARDENA SUMPS	NORMANDIE AND ARTESIA B	1/4 - 1/2ENE	F23	27

EXECUTIVE SUMMARY

STATE OR LOCAL ASTM SUPPLEMENTAL

REF: This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

A review of the REF list, as provided by EDR, and dated 03/02/2004 has revealed that there is 1 REF site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALADDIN PLASTICS INC	1415 WEST 178TH STREET	1/8 - 1/4 E	E20	24

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

A review of the CA SLIC list, as provided by EDR, has revealed that there is 1 CA SLIC site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>HONEYWELL INC.</i>	<i>17300 WESTERN AVE.</i>	<i>1/4 - 1/2NW</i>	<i>34</i>	<i>43</i>

BROWNFIELDS DATABASES

US BROWNFIELDS: The EPA's listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 07/15/2003 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GARDENA SUMPS	NORMANDIE AND ARTESIA B	1/4 - 1/2 ENE	F23	27

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

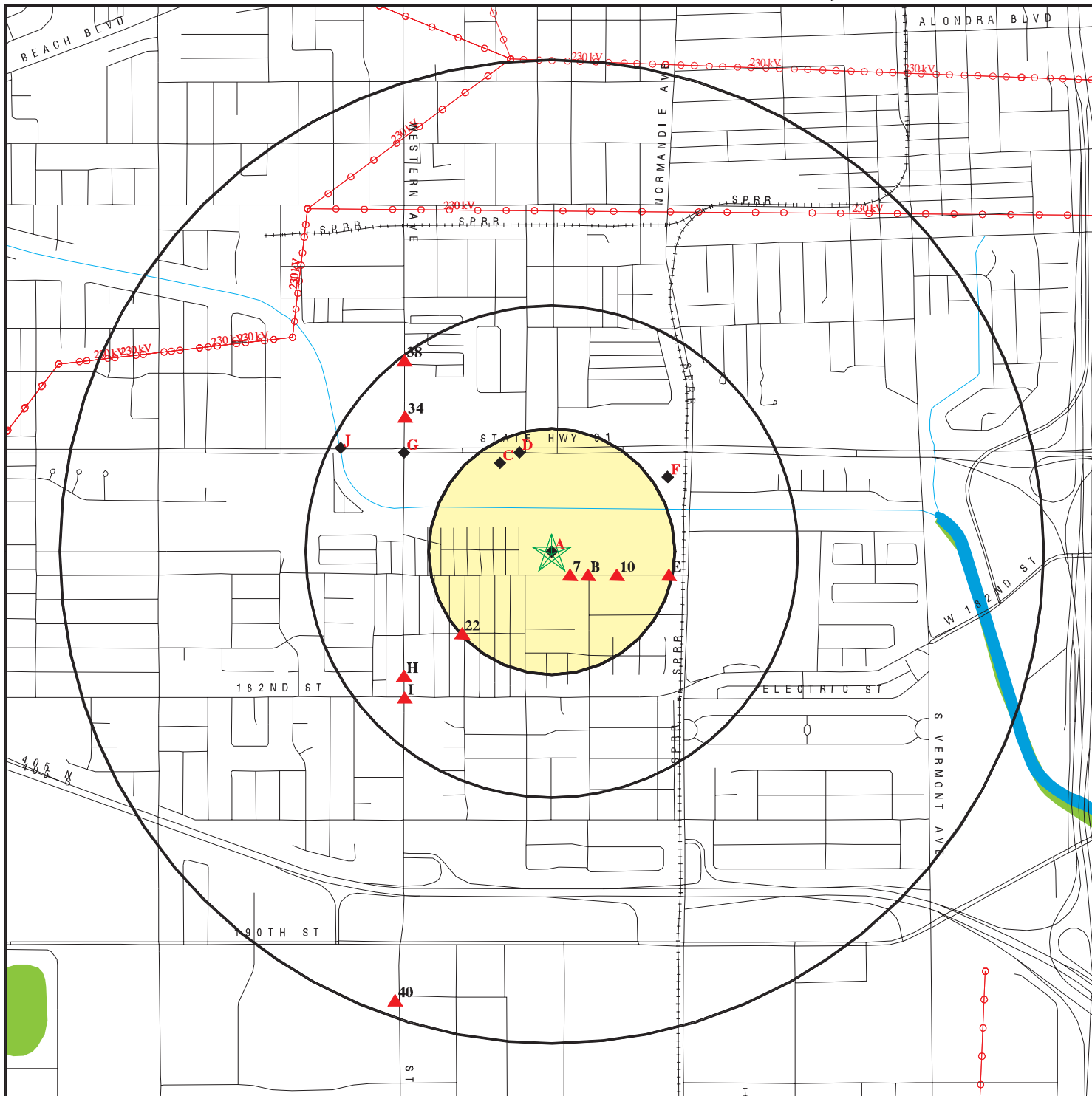
Site Name

FLORENCE AVE / TELEGRAPH RD WHITTIER
ARCO PRODUCTS 05964
STREET HOG INC

Database(s)

CHMIRS, LUST
UST
LOS ANGELES CO. HMS

OVERVIEW MAP - 1173617.2s - SECOR International, Inc.



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites

▣ National Priority List Sites

▣ Landfill Sites

▣ Dept. Defense Sites

▣ Indian Reservations BIA

⚡ Power transmission lines

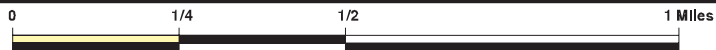
⚡ Oil & Gas pipelines

▨ 100-year flood zone

▨ 500-year flood zone

▨ Federal Wetlands

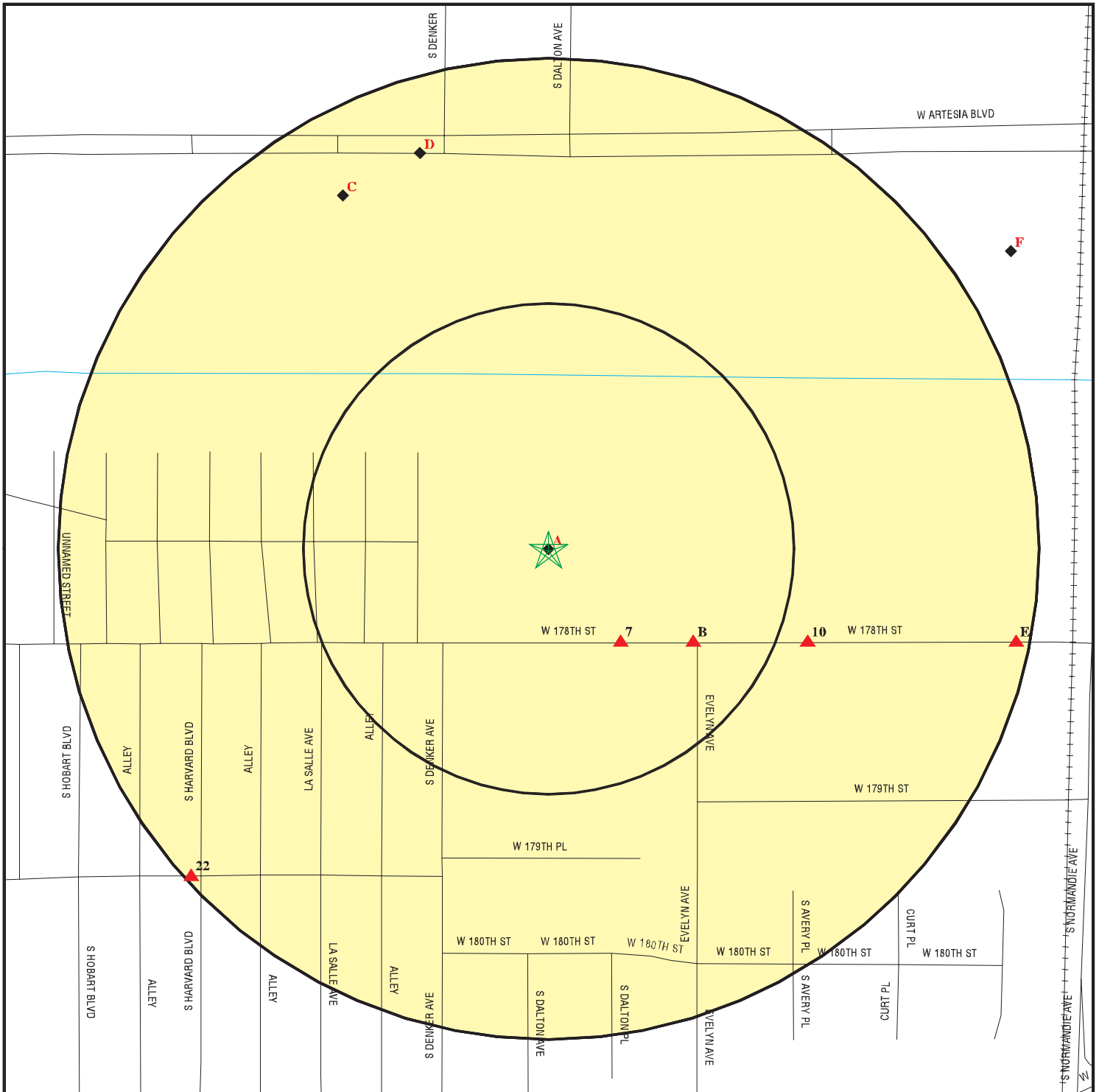
▣ Areas of Concern



TARGET PROPERTY: 178th Street
 ADDRESS: 1515 West 178th Street
 CITY/STATE/ZIP: Gardena CA 90248
 LAT/LONG: 33.8699 / 118.3039

CUSTOMER: SECOR International, Inc.
 CONTACT: Sara Mulholland
 INQUIRY #: 1173617.2s
 DATE: April 20, 2004 2:53 pm

DETAIL MAP - 1173617.2s - SECOR International, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- 🏠 Historical Gas Stations / Historical Dry Cleaners
See the EDR Proprietary Historical Map Findings
- 📡 Sensitive Receptors
- 🚚 National Priority List Sites
- 🗑️ Landfill Sites
- 🏢 Dept. Defense Sites



- 🏠 Indian Reservations BIA
- 📡 Oil & Gas pipelines
- 🌊 100-year flood zone
- 🌊 500-year flood zone
- 🏠 Areas of Concern



TARGET PROPERTY: 178th Street
ADDRESS: 1515 West 178th Street
CITY/STATE/ZIP: Gardena CA 90248
LAT/LONG: 33.8699 / 118.3039

CUSTOMER: SECOR International, Inc.
CONTACT: Sara Mulholland
INQUIRY #: 1173617.2s
DATE: April 20, 2004 2:54 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
CERC-NFRAP	X	0.250	1	1	NR	NR	NR	2
CORRACTS		1.000	0	0	0	1	NR	1
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRIS Sm. Quan. Gen.	X	0.250	3	6	NR	NR	NR	9
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	1	0	NR	1
Cal-Sites		1.000	0	0	1	0	NR	1
CHMIRS	X	TP	NR	NR	NR	NR	NR	0
Cortese		0.500	1	1	9	NR	NR	11
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	3	NR	NR	3
LUST		0.500	1	0	9	NR	NR	10
CA Bond Exp. Plan		1.000	0	0	1	0	NR	1
UST		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
CA FID UST		0.250	1	1	NR	NR	NR	2
HIST UST		0.250	1	3	NR	NR	NR	4
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
DOD		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	1	NR	NR	1
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
REF	X	0.250	0	1	NR	NR	NR	1
NFE		0.250	0	0	NR	NR	NR	0
CA SLIC		0.500	0	0	1	NR	NR	1
HAZNET		TP	NR	NR	NR	NR	NR	0
Los Angeles Co. HMS	X	TP	NR	NR	NR	NR	NR	0
LA Co. Site Mitigation		TP	NR	NR	NR	NR	NR	0
AOCONCERN		1.000	0	0	0	0	NR	0
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Gas Stations/Dry Cleaners		0.250	0	0	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0
<u>BROWNFIELDS DATABASES</u>								
US BROWNFIELDS		0.500	0	0	1	NR	NR	1
VCP		0.500	0	0	0	NR	NR	0

NOTES:

See the EDR Proprietary Historical Database Section for details

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A1
Target
Property

GREENBOG INC
1515 W 178TH ST B
GARDENA, CA

LOS ANGELES CO. HMS

S104735430
N/A

Site 1 of 6 in cluster A

Actual:
33 ft.

HMS:

Facility Id: 024245-033595
 Area: 2B
 Facility Type: Not reported
 Permit Number: 174 Permit Status: Not reported
 Facility Status: OPEN
 Region: Los Angeles County:

A2
Target
Property

1515 178TH STREET
GARDENA, CA 90248

CHMIRS

S100277756
N/A

Site 2 of 6 in cluster A

Actual:
33 ft.

CHMIRS:

OES Control Number: 9117516
 Chemical Name: Not reported
 Extent of Release: Not reported
 Property Use: Storage
 Incident Date: 17-JUN-91
 Date Completed: 17-JUN-91
 Time Completed : 812
 Agency Id Number : 19070
 Agency Incident Number : 1993
 OES Incident Number : 9117516
 Time Notified : 737
 Surrounding Area : 800
 Estimated Temperature : 60
 Property Management : P
 More Than Two Substances Involved? : N
 Special Studies 1 : Not reported
 Special Studies 2 : Not reported
 Special Studies 3 : Not reported
 Special Studies 4 : Not reported
 Special Studies 5 : Not reported
 Special Studies 6 : Not reported
 Responding Agency Personel # Of Injuries : 0
 Responding Agency Personel # Of Fatalities : 0
 Resp Agncy Personel # Of Decontaminated : 0
 Others Number Of Decontaminated : 0
 Others Number Of Injuries : 0
 Others Number Of Fatalities : 0
 Vehicle Make/year : CARGO TRAILER /VEHICLE
 Vehicle License Number : Not reported
 Vehicle State : Not reported
 Vehicle Id Number : Not reported
 CA/DOT/PUC/ICC Number : Not reported
 Company Name : CAPT ROBERT SUTTON
 Reporting Officer Name/ID : CAPT. ROBERT SUTTON
 Report Date : 17-JUN-91
 Comments : No
 Facility Telephone Number : 13 17-9643
 Waterway Involved : Not reported
 Waterway : Not reported
 Spill Site : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued) **S100277756**

Cleanup By :	Not reported
Containment :	Not reported
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	Not reported
Evacuations :	Not reported

A3	POWER TRANS FREIGHT SYSTEMS	LOS ANGELES CO. HMS	S104735429
Target	1515 W 178TH ST A		N/A
Property	GARDENA, CA		

Site 3 of 6 in cluster A

Actual:	HMS:		
33 ft.	Facility Id:	024244-033594	
	Area:	2B	
	Facility Type:	Not reported	
	Permit Number:	174	Permit Status: Not reported
	Facility Status:	OPEN	
	Region:	Los Angeles County:	

A4	VACANT	LOS ANGELES CO. HMS	U003061190
Target	1515 W 178TH ST		N/A
Property	GARDENA, CA		

Site 4 of 6 in cluster A

Actual:	HMS:		
33 ft.	Facility Id:	005085-105277	
	Area:	2B	
	Facility Type:	Not reported	
	Permit Number:	174	Permit Status: Not reported
	Facility Status:	OPEN	
	Region:	Los Angeles County:	

A5	GLOBE ILLUMINATING CO	LOS ANGELES CO. HMS	S101480872
Target	1515 W 178TH ST		N/A
Property	GARDENA, CA		

Site 5 of 6 in cluster A

Actual:	HMS:		
33 ft.	Facility Id:	005085-005277	
	Area:	2B	
	Facility Type:	Not reported	
	Permit Number:	174	Permit Status: Not reported
	Facility Status:	OPEN	
	Region:	Los Angeles County:	
	Facility Id:	008517-021505	
	Area:	5D	
	Facility Type:	I01	
	Permit Number:	174	Permit Status: Permit
	Facility Status:	Permit	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GLOBE ILLUMINATING CO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Region: Los Angeles County:

S101480872

**A6
 Target
 Property**

**GLOBE ILLUMINATION COMPANY
 1515 W 178TH ST
 GARDENA, CA 90248**

**RCRIS-SQG 1000162158
 FINDS CAD008388506
 CERC-NFRAP
 REF**

Site 6 of 6 in cluster A

**Actual:
 33 ft.**

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
 Non NPL Code: NFRAP
 Ownership Status: Unknown
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
 Assessment: ARCHIVE SITE
 Assessment: PRELIMINARY ASSESSMENT
 Completed: 09/01/1985
 Completed: 12/01/1985
 Completed: 12/01/1985

RCRIS:

Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAD008388506
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system (RCRAINFO)

REF:

Facility ID 19360136
 Dtsc Region Code : 4
 Region Code Definition : CYPRESS
 County Code : 19
 Site Name Under : Not reported
 Current Status Date : 06011985
 Current Status Code : REFOA
 Current Status : PROPERTY/SITE REFERRED TO ANOTHER AGENCY
 Lead Agency Code : Not reported
 Lead Agency : N/A
 Site Type Code : Not reported
 Site Type : N/A
 National Priorities List : Not reported
 Tier : Not reported
 Source Of Funding Code : Not reported
 Staff Member : Not reported
 Supervisor : Not reported
 Sic Code : 36
 Sic Code Definition : MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
 Site Mitigatn & Brnfls Reuse Prog (SMBR) Code : SB
 SMBR Branch : SO CAL - CYPRESS
 Regional Water Quality Control Board : LA
 RWQCB Definition : LOS ANGELES
 Site Access Controlled : Not reported
 Listed In Haz Wst & Substncs Sites List (CORTESE) : Not reported
 Date Hazard Ranked : Not reported
 GW Contamination Suspected : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GLOBE ILLUMINATION COMPANY (Continued)

1000162158

# Of Sources Contributing To Contamination :	0.00000
Lat/Long :	0.00000° 0.00000' 0.00000" / 0.00000° 0.00000' 0.00000"
Direction Lat :	Not reported
Direction Long :	Not reported
Lat/long Method :	Not reported
Entity Lat/long Coordinates Refer To :	Not reported
State Assembly Distt Code :	Not reported
State Senate Distt Code :	Not reported
Identifying Code:	EPA
ID Value:	CAD008388506
Other ID Desc:	EPA IDENTIFICATION NUMBER
Alternate Name(s):	GLOBE ILLUMINATION COMPANY
Address(es) :	1515 WEST 178TH STREET GARDENA, CA 90248
Background Info :	Not reported
Facility Id :	19360136
AWP Activities Code :	1.00000
DTSC Site Activity Code :	DISC
Activity Code Def:	DISCOVERY
AWP Activity Id :	Not reported
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	10211982
Est # Of Person-years To Complete :	0.00000
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	REFOA
Status Code Definition :	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Cubic Yards Of Solids Removed At Completion :	0.00000
Gallons Of Liquid Removed Upon Completion :	0.00000
Cubic Yards Of Solids Treated Upon Completion :	0.00000
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	19360136
AWP Activities Code :	2.00000
DTSC Site Activity Code :	PA
Activity Code Def:	Not reported
AWP Activity Id :	Not reported
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	06011985
Est # Of Person-years To Complete :	0.00000
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	REFOA
Status Code Definition :	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Cubic Yards Of Solids Removed At Completion :	0.00000
Gallons Of Liquid Removed Upon Completion :	0.00000
Cubic Yards Of Solids Treated Upon Completion :	0.00000
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	19360136
AWP Activities Code :	3.00000
DTSC Site Activity Code :	SS
Activity Code Def:	Not reported
AWP Activity Id :	Not reported
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	10281994
Est # Of Person-years To Complete :	0.00000
Est. Size Of An Activity Code :	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GLOBE ILLUMINATION COMPANY (Continued)

1000162158

Site Status When Activity Commitment Made : REFOA
 Status Code Definition : PROPERTY/SITE REFERRED TO ANOTHER AGENCY
 Cubic Yards Of Solids Removed At Completion : 0.00000
 Gallons Of Liquid Removed Upon Completion : 0.00000
 Cubic Yards Of Solids Treated Upon Completion : 0.00000
 Actvty Deleted Via Commitmnt/Completns Screen : Not reported
 Special Program Code: C104
 Special Program : CERCLA 104
 Comments Date : 01171983
 Comments : CO ENGR. INDEX 5277, IW PERMIT 1502
 QUEST RECEIVED. 250 EMPLOYEES AT LOC.
 YRS OPERATION AT LOCATION: 1961-PRESENT
 PAINT SLUDGE DISP OF AT LDFL. HAULER:
 ABCO DISPOSAL(1961-1978).
 CO ENGR. 11/61 PERMIT 2748 SA 176 S&G
 CONTACT W DANIEL FOREMAN 213-321-9000
 INTERCEPTOR. METAL PROCESSING WASTES-
 1)BLEED OFF SECOND STAGE FEPO4 MACHINE
 2)BLEED OFF RECIRC H2O,SPRAY PAINT BOOTH
 3)DUMPING STAGE 1 IRON PHOSPHATE MACHINE
 4)OCCATIONAL DUMPING OF BONDERITE 690
 7/75 PERMIT 1502 SA 158 S&G INTERCEPTOR
 UNITED PUMP & SERVICE HAULS TANK EVERY 3
 TO 6MONTHS & REPLACE.
 ASP SURVEY 2/83 - 1)SOURCE ACT: MFG OF
 LIGHTING FIXTURE. 2)YR OF OPER: 1961 TO
 PRESENT.
 INCIDENT: SMALL PLANT FIRE MANY YRS AGO.
 SUBMIT TO EPA
 PRELIM ASSESS DONE CERCLA 104
 FACILITY IDENTIFIED L.A. CHAM OF COMM BUS DIR 1966
 MFG LIGHTING FIXTURES
 DATABASE VERIFICATION PROJECT CONFIRMS NFA FOR DTSC.
 FACILITY DRIVE-BY ASAP. RESIDUE SURROUNDING BBLS & ON PAVE
 MENT,& DISCOLORATION ON SIDE OF BLDG.
 FACILITY DRIVE-BY ACTIVE. RESIDEN/COMM AREA. BBLS/RESIDUE
 VISIBLE ON SIDE OF BLDG. DISCOLORED &
 STAINED ON PAVEMENT.
 QUESTIONNAIRE SENT

7
SE
< 1/8
314 ft.

COX DIE CASTING
1528 W 178TH ST
GARDENA, CA 90248

RCRIS-SQG **1000168383**
FINDS **CAD981160054**
HAZNET
CA WDS

Relative: RCRIS:
Higher Owner: COX DIE CASTING
 (310) 532-7544
Actual: EPA ID: CAD981160054
38 ft. Contact: DAVE KHAN
 (310) 532-7544
 Classification: Small Quantity Generator
 TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COX DIE CASTING (Continued)

1000168383

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAL912472808
TSD EPA ID: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1501
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: CORPORATION
Telephone: (000) 000-0000
Mailing Address: 1528 W 178TH ST
GARDENA, CA 90248 - 3204
County Los Angeles

Gepaid: CAL912472808
TSD EPA ID: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1251
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: CORPORATION
Telephone: (000) 000-0000
Mailing Address: 1528 W 178TH ST
GARDENA, CA 90248 - 3204
County Los Angeles

Gepaid: CAL912472808
TSD EPA ID: CAD093459485
Gen County: Los Angeles
Tsd County: Fresno
Tons: .3377
Waste Category: Organic liquids with metals Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method: Transfer Station
Contact: CORPORATION
Telephone: (000) 000-0000
Mailing Address: 1528 W 178TH ST
GARDENA, CA 90248 - 3204
County Los Angeles

Gepaid: CAD981160054
TSD EPA ID: CAT000613935
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1042
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 1528 W 178TH ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

COX DIE CASTING (Continued)

1000168383

County: GARDENA, CA 90248
 Los Angeles
 Gepaid: CAL912472808
 TSD EPA ID: CAD099452708
 Gen County: Los Angeles
 Tsd County: Los Angeles
 Tons: 0.2293
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: CORPORATION
 Telephone: (000) 000-0000
 Mailing Address: 1528 W 178TH ST
 GARDENA, CA 90248 - 3204
 County: Los Angeles

The CA HAZNET database contains 9 additional records for this site.
 Please click here or contact your EDR Account Executive for more information.

WDS:

Facility ID: 4 19I004958
 Facility Contact: ROBERT COX Facility Telephone: (310) 532-7544
 SIC Code: Not reported SIC Code 2: Not reported
 Agency Name: COX DIE CASTING
 Agency Address: 1528 W 178th St
 Gardena 90248 - 3204
 Agency Contact: ROBERT COX Agency Phone: (310) 532-7544
 Design Flow: Not reported Baseline Flow: Not reported
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 Agency Type: Private
 Waste Type: Not reported
 Threat to Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.
 Reclamation: Not reported
 POTW: Not reported
 NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
 Subregion: 4

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

B8
ESE
 < 1/8
 462 ft.

MATSUQ INTL
1501 W 178TH ST
GARDENA, CA 90248

RCRIS-SQG **1000905575**
FINDS **CA0000866590**

Site 1 of 2 in cluster B

Relative:
Higher

RCRIS:

Owner: MASA MATSUP
 (310) 767-7812
 EPA ID: CA0000866590
 Contact: HIROYUKY KAWAMURN
 (310) 767-7812
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
 41 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system (RCRAINFO)

B9
ESE
 < 1/8
 470 ft.

MORTON INTERNATIONAL INC
1500 WEST 178TH STREET
GARDENA, CA 90247

RCRIS-SQG **1000106837**
FINDS **CAD082183344**
CERC-NFRAP
LOS ANGELES CO. HMS
Cortese
CA FID UST
EMI
HIST UST
LUST

Site 2 of 2 in cluster B

Relative:
Higher

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
 Non NPL Code: NFRAP
 Ownership Status: Private

Federal Facility: Not a Federal Facility

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
 Assessment: PRELIMINARY ASSESSMENT
 Assessment: ARCHIVE SITE
 Assessment: SITE INSPECTION

Completed: 04/01/1986
 Completed: 01/01/1987
 Completed: 03/01/1987
 Completed: 03/01/1987

CERCLIS-NFRAP Alias Name(s):

GILMORE & NOLAN INC (OPERATOR)
 BARLEY BUILDING CORP (OWNER)

RCRIS:

Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAD082183344
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number
EDR ID Number

MORTON INTERNATIONAL INC (Continued)

1000106837

Violation Status: No violations found

FINDS:

- Other Pertinent Environmental Activity Identified at Site:
 - National Emissions Inventory (NEI)
 - National Emissions Trends (NET)
 - Resource Conservation and Recovery Act Information system (RCRAINFO)
 - Toxic Chemical Release Inventory System (TRIS)

State LUST:

Cross Street: EVELYN AVE
Qty Leaked: Not reported
Case Number: 902480070
Reg Board: 4
Chemical: Solvents
Lead Agency: Regional Board
Local Agency: 19000
Case Type: Other ground water affected
Status: Remedial action (cleanup) Underway
Abate Method: Remove Free Product - remove floating product from water table, Vapor Extraction
Review Date: Not reported
Workplan: Not reported
Pollution Char: 1/7/88 0:00
Remed Action: 7/7/98 0:00
Monitoring: Not reported
Close Date: Not reported
Release Date: 06/25/1986
Cleanup Fund Id: Not reported
Discover Date: / /
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 12/31/86 0:00
Funding: Not reported
Staff Initials: Not reported
How Discovered: Not reported
How Stopped: Not reported
Interim: Yes
Leak Cause: UNK
Leak Source: UNK
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case #: Not reported
Beneficial: Not reported
Staff: SLC
GW Qualifier: Not reported
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: SAN FERNANDO VALLEY
Operator: VOGL, HARRY J.
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
Review Date: 7/7/98 0:00
Stop Date: / /
Work Suspended: Not reported
Responsible Party: MORTON-THIOKOL, INC.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MORTON INTERNATIONAL INC (Continued)

1000106837

RP Address: 333 WEST WACKER DR, CHICAGO, IL 60606
 Global Id: T0603701280
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: Not reported
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 06/25/1986
 Lead Agency: Regional Board
 Local Agency: 19000
 Substance: Solvents
 Case Type: Groundwater
 Status: Remedial action (cleanup) Underway
 Region: 4
 Staff: SLC

Date Case Last Changed on Database: 7/7/98
 Date Leak Record Entered: 12/31/86
 Historical Max MTBE Date: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Hist Max MTBE Conc in Groundwater: Not reported
 Hist Max MTBE Conc in Soil : Not reported
 County: Los Angeles
 Organization : Not reported
 Regional Board: 4
 Owner Contact: Not reported
 Responsible Party: MORTON-THIOKOL, INC.
 RP Address: 333 WEST WACKER DR, CHICAGO, IL 60606
 Significant Interim Remedial Action Taken: Yes
 Program : SLIC
 Lat / Long : 34 / -118
 Local Agency Staff: Not reported
 Summary : PURGED 5 GALLONS OF FREE PRODUCT. SITE ASSESSMENT
 WORK COMPLETED. PREPARING REMEDIAL ACTION PLAN.
 REFER TO SLIC #550

Hydrologic Basin # : SAN FERNANDO VALLEY
 Beneficial Use : Not reported
 Priority : Not reported
 Cleanup Fund Id : Not reported
 Suspended : Not reported
 Local Case No : Not reported
 Substance Quantity : 0
 Abatement Method Used at the Site: FPVE
 Operator : VOGL, HARRY J.
 Water System : Not reported
 Well Name : Not reported
 Approx. Dist To Production Well (ft) : 1640.445757
 Assigned Name : Not reported
 Source of Cleanup Funding: Not reported
 Date the Leak was Discovered: / /
 How the Leak was Discovered: Not reported
 How the Leak was Stopped: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MORTON INTERNATIONAL INC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000106837

Cause of Leak: UNK
 Leak Source: UNK
 Date The Leak was Stopped: Not reported
 Date Confirmation Leak Began: Not reported
 Preliminary Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Remediation Plan Submitted: 1/7/88
 Remedial Action Underway: 7/7/98
 Post Remedial Action Monitoring Began: Not reported
 Date the Case was Closed: Not reported
 Enforcement Action Date: Not reported
 Date Leak First Reported: 06/25/1986
 Enforcement Type: Not reported
 Global ID : T0603701280
 Cross Street: EVELYN AVE

CORTESE:

Region: CORTESE
 Fac Address 2: 1500 178TH ST W

FID:

Facility ID: 19000923 Regulate ID: 00017163
 Reg By: Active Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Active Facility Tel: (818) 000-0000
 Mail To: Not reported
 1500 W 178TH ST
 GARDENA, CA
 Contact: Not reported Contact Tel: Not reported
 DUNS No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

HMS:

Facility Id: 009207-010389
 Area: 2B
 Facility Type: T0
 Permit Number: 174 Permit Status: Removed
 Facility Status: Removed
 Region: Los Angeles County:

UST HIST:

Facility ID: 17163 Facility Status: Not reported
 Total Tanks: 10 Region: STATE
 Owner Name: BEE CHEMICAL COMPANY Box Number: Not reported
 Owner Address: 2700 E 170TH STREET
 LANSING, IL 60438

EMISSIONS :

Facility ID : 22064
 Air District Code : SC
 SIC Code : 2850
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SC
 Air District Name : SOUTH COAST AQMD

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MORTON INTERNATIONAL INC (Continued)

EDR ID Number
EPA ID Number

1000106837

Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
Total Organic Hydrocarbon Gases : Not reported
Reactive Organic Gases : Not reported
Carbon Monoxide Emissions : Not reported
NOX Gas Emissions (Nitrogen - Oxygen) : Not reported
SOX Gas Emissions (Sulphur - Oxygen) : Not reported

10
ESE
1/8-1/4
741 ft.

ROTARY TECHNOLOGIES CORP
1468 WEST 178TH STREET
GARDENA, CA 90248

RCRIS-SQG 1000156609
FINDS CAD982502254
LOS ANGELES CO. HMS
HAZNET

Relative:
Higher

RCRIS:

Owner: DONALD A NORBERG
(415) 555-1212
EPA ID: CAD982502254
Contact: ENVIRONMENTAL MANAGER
(213) 538-5270

Actual:
43 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD982502254
TSD EPA ID: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.3260
Waste Category: Oil/water separation sludge
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 1468 WEST 178TH STREET
LONG BEACH, CA 90248
County: Los Angeles

HMS:

Facility Id: 024237-033587
Area: 2B
Facility Type: Not reported
Permit Number: 174 Permit Status: Not reported
Facility Status: OPEN
Region: Los Angeles County:

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

C11
NNW
1/8-1/4
1100 ft.

AUTO BODY CONNECTION
1610 W ARTESIA
GARDENA, CA 90247

RCRIS-SQG **1000324473**
FINDS **CAD981631013**

Site 1 of 2 in cluster C

Relative:
Lower

RCRIS:
 Owner: NADER & NASSER SAVAR
 (415) 555-1212
 EPA ID: CAD981631013
 Contact: ENVIRONMENTAL MANAGER
 (213) 515-3768
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

Actual:
33 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system (RCRAINFO)

C12
NNW
1/8-1/4
1100 ft.

SHIGES FOREIGN CAR SERVICE
1610 W ARTESIA
GARDENA, CA 90247

RCRIS-SQG **1000234204**
FINDS **CAD982052722**
LOS ANGELES CO. HMS
CA FID UST
HAZNET

Site 2 of 2 in cluster C

Relative:
Lower

RCRIS:
 Owner: SHIGE KADOWAKI
 (415) 555-1212
 EPA ID: CAD982052722
 Contact: ENVIRONMENTAL MANAGER
 (213) 323-1824
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

Actual:
33 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:
 Gepaid: CAL000049246
 TSD EPA ID: Not reported
 Gen County: Los Angeles
 Tsd County: 99
 Tons: 22.5
 Waste Category: Other inorganic solid waste
 Disposal Method: Not reported
 Contact: DEACT PER 95 FEE FORM -P.H.
 Telephone: --
 Mailing Address: 1610 W ARTESIA BLVD
 GARDENA, CA 90248
 County: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SHIGES FOREIGN CAR SERVICE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

FID:
 Facility ID: 19022771 Regulate ID: 00005482
 Reg By: Active Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Active Facility Tel: (818) 000-0000
 Mail To: Not reported
 1610 W ARTESIA BLVD
 GARDENA, CA
 Contact: Not reported Contact Tel: Not reported
 DUNS No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

1000234204

HMS:
 Facility Id: 006589-034833
 Area: 2B
 Facility Type: I01
 Permit Number: 174 Permit Status: Permit
 Facility Status: Permit
 Region: Los Angeles County:
 Facility Id: 006589-021218
 Area: 2B
 Facility Type: I01
 Permit Number: 174 Permit Status: Closed
 Facility Status: Closed
 Region: Los Angeles County:
 Facility Id: 006589-025102
 Area: 2B
 Facility Type: Not reported
 Permit Number: 174 Permit Status: Not reported
 Facility Status: OPEN
 Region: Los Angeles County:
 Facility Id: 006589-022638
 Area: 2B
 Facility Type: I01
 Permit Number: 174 Permit Status: Closed
 Facility Status: Permit
 Region: Los Angeles County:

**D13
 NNW
 1/8-1/4
 1120 ft.**

**INTERSTATE TRANSMISSIONS.
 1610 W ARTESIA BLVD
 GARDENA, CA 90247**

**HIST UST U001563079
 N/A**

Site 1 of 5 in cluster D

**Relative:
 Lower**

UST HIST:
 Facility ID: 6590 Facility Status: Not reported
 Total Tanks: 1 Region: STATE
 Owner Name: DINO JIM INC. Box Number: Not reported
 Owner Address: 1610 W. ARTESIA BLVD.
 GARDENA, CA 90247

**Actual:
 32 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INTERSTATE TRANSMISSIONS. (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001563079

D14
NNW
1/8-1/4
1120 ft.

CLASSIC AUTOMOTIVE
1610 W ARTESIA BLVD
GARDENA, CA 90247

RCRIS-SQG 1000386705
FINDS CAD981663305
LOS ANGELES CO. HMS
HAZNET

Site 2 of 5 in cluster D

Relative:
Lower

RCRIS:

Actual:
32 ft.

Owner: NOE LARRY
(415) 555-1212
EPA ID: CAD981663305
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD981663305
TSD EPA ID: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .6879
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Contact: CLASSIC AUTOMOTIVE
Telephone: (000) 000-0000
Mailing Address: 1610 W ARTESIA BLVD
GARDENA, CA 90248 - 3217
County: Los Angeles
Gepaid: CAD981663305
TSD EPA ID: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Contact: CLASSIC AUTOMOTIVE
Telephone: (000) 000-0000
Mailing Address: 1610 W ARTESIA BLVD
GARDENA, CA 90248 - 3217
County: Los Angeles
Gepaid: CAD981663305
TSD EPA ID: CAD050099696
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .6879
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: CLASSIC AUTOMOTIVE
Telephone: (000) 000-0000
Mailing Address: 1610 W ARTESIA BLVD
GARDENA, CA 90248 - 3217

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CLASSIC AUTOMOTIVE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000386705

County: Los Angeles
 Gepaid: CAD981663305
 TSD EPA ID: CAD050099696
 Gen County: Los Angeles
 Tsd County: Los Angeles
 Tons: .4586
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Not reported
 Contact: CLASSIC AUTOMOTIVE
 Telephone: (000) 000-0000
 Mailing Address: 1610 W ARTESIA BLVD
 GARDENA, CA 90248 - 3217

County: Los Angeles
 Gepaid: CAD981663305
 TSD EPA ID: CAT080013352
 Gen County: Los Angeles
 Tsd County: Los Angeles
 Tons: .2293
 Waste Category: Unspecified aqueous solution
 Disposal Method: Not reported
 Contact: CLASSIC AUTOMOTIVE
 Telephone: (000) 000-0000
 Mailing Address: 1610 W ARTESIA BLVD
 GARDENA, CA 90248 - 3217

County: Los Angeles

The CA HAZNET database contains 8 additional records for this site.
 Please click here or contact your EDR Account Executive for more information.

HMS:

Facility Id: 006589-106812
 Area: 2B
 Facility Type: I01
 Permit Number: 174
 Facility Status: Permit
 Region: Los Angeles County

Permit Status: Closed

**D15
 NNW
 1/8-1/4
 1120 ft.**

**AUTOBODY CONNECTION
 1610 W ARTESIA BLVD
 GARDENA, CA 90247**

**RCRIS-SQG 1000327665
 HAZNET CAD982042863**

Site 3 of 5 in cluster D

**Relative:
 Lower**

RCRIS:
 Owner: NASSER SAVAR
 (415) 555-1212
 EPA ID: CAD982042863
 Contact: ENVIRONMENTAL MANAGER
 (213) 973-8111
 Classification: Small Quantity Generator
 TSD Activities: Not reported

**Actual:
 32 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AUTOBODY CONNECTION (Continued)

1000327665

Violation Status: No violations found

HAZNET:

Gepaid: CAD982042863
TSD EPA ID: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3336
Waste Category: Paint sludge
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 1610 W ARTESIA BLVD
GARDENA, CA 90247
County Los Angeles

Gepaid: CAD982042863
TSD EPA ID: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1251
Waste Category: Paint sludge
Disposal Method: Not reported
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 1610 W ARTESIA BLVD
GARDENA, CA 90247
County Los Angeles

Gepaid: CAD982042863
TSD EPA ID: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1251
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 1610 W ARTESIA BLVD
GARDENA, CA 90247
County Los Angeles

Gepaid: CAD982042863
TSD EPA ID: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1251
Waste Category: Paint sludge
Disposal Method: Not reported
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 1610 W ARTESIA BLVD
GARDENA, CA 90247
County Los Angeles

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

AUTOBODY CONNECTION (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000327665

Gepaid: CAD982042863
 TSD EPA ID: CAD008302903
 Gen County: Los Angeles
 Tsd County: Los Angeles
 Tons: .1251
 Waste Category: Paint sludge
 Disposal Method: Recycler
 Contact: Not reported
 Telephone: (000) 000-0000
 Mailing Address: 1610 W ARTESIA BLVD
 GARDENA, CA 90247
 County: Los Angeles

**D16
 NNW
 1/8-1/4
 1120 ft.**

**SHIGE'S FOREIGN CAR SERVICE
 1610 W ARTESIA BLVD
 GARDENA, CA 90247**

**HIST UST U001563113
 N/A**

Site 4 of 5 in cluster D

**Relative:
 Lower**

UST HIST:

Facility ID: 5482	Facility Status: Not reported
Total Tanks: 1	Region: STATE
Owner Name: SHIGEO KADOWAKI	Box Number: Not reported
Owner Address: 23756 S. PRESIDENT AVE HARBOR CITY, CA 90710	

**Actual:
 32 ft.**

**D17
 NNW
 1/8-1/4
 1120 ft.**

**CLASSIC AUTOMOTIVE-HONDA SPC.
 1610 W ARTESIA BLVD
 GARDENA, CA 90247**

**HIST UST U001563049
 N/A**

Site 5 of 5 in cluster D

**Relative:
 Lower**

UST HIST:

Facility ID: 7607	Facility Status: Not reported
Total Tanks: 1	Region: STATE
Owner Name: LARRY D. NOE	Box Number: Not reported
Owner Address: 21834 GRACE SP. 41 CARSON, CA 90745	

**Actual:
 32 ft.**

**E18
 East
 1/8-1/4
 1283 ft.**

**ALADDIN PLASTICS INC
 1415 178TH
 GARDENA, CA 90247**

**Cortese S105023895
 N/A**

Site 1 of 4 in cluster E

**Relative:
 Higher**

CORTESE:

Region: CORTESE
Fac Address 2: Not reported

**Actual:
 41 ft.**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

EDR ID Number
 EPA ID Number

E19	ALADDIN PLASTICS INC	CERC-NFRAP	1003878748
East	1415 W 178TH ST		CAD980885198
1/8-1/4	GARDENA, CA 90248		
1283 ft.			

Site 2 of 4 in cluster E

Relative: Higher	CERCLIS-NFRAP Classification Data:	
	Site Incident Category: Not reported	Federal Facility: Not a Federal Facility
Actual: 41 ft.	Non NPL Code: NFRAP	
	Ownership Status: Unknown	NPL Status: Not on the NPL
	CERCLIS-NFRAP Assessment History:	
	Assessment: DISCOVERY	Completed: 04/01/1985
	Assessment: PRELIMINARY ASSESSMENT	Completed: 12/01/1985
	Assessment: ARCHIVE SITE	Completed: 11/01/1986
	Assessment: SITE INSPECTION	Completed: 11/01/1986

E20	ALADDIN PLASTICS INC	REF	1000185344
East	1415 WEST 178TH STREET		N/A
1/8-1/4	GARDENA, CA 90248		
1283 ft.			

Site 3 of 4 in cluster E

Relative: Higher	REF:	
	Facility ID	19280760
Actual: 41 ft.	Dtsc Region Code :	4
	Region Code Definition :	CYPRESS
	County Code :	19
	Site Name Under :	Not reported
	Current Status Date :	08311995
	Current Status Code :	REFOA
	Current Status :	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
	Lead Agency Code :	Not reported
	Lead Agency :	N/A
	Site Type Code :	Not reported
	Site Type :	N/A
	National Priorities List :	Not reported
	Tier :	Not reported
	Source Of Funding Code :	Not reported
	Staff Member :	Not reported
	Supervisor :	Not reported
	Sic Code :	28
	Sic Code Definition :	MANU - CHEMICALS & ALLIED PRODUCTS
	Site Mitigatn & Brnfls Reuse Prog (SMBR) Code :	SB
	SMBR Branch :	SO CAL - CYPRESS
	Regional Water Quality Control Board :	LA
	RWQCB Definition :	LOS ANGELES
	Site Access Controlled :	Not reported
	Listed In Haz Wst & Substncs Sites List (CORTESE)	Not reported
	Date Hazard Ranked :	Not reported
	GW Contamination Suspected :	Not reported
	# Of Sources Contributing To Contamination :	0.00000
	Lat/Long :	0.00000° 0.00000' 0.00000" / 0.00000° 0.00000' 0.00000"
	Direction Lat :	Not reported
	Direction Long :	Not reported
	Lat/long Method :	Not reported
	Entity Lat/long Coordinates Refer To :	Not reported
	State Assembly Distt Code :	Not reported
	State Senate Distt Code :	Not reported
	Identifying Code:	EPA
	ID Value:	CAD980885198
	Other ID Desc:	EPA IDENTIFICATION NUMBER

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ALADDIN PLASTICS INC (Continued)

1000185344

Alternate Name(s): ALADDIN PLASTICS INC
Address(es) : 1415 WEST 178TH STREET
GARDENA, CA 90248
Background Info : Not reported
Facility Id : 19280760
AWP Activities Code : 1.00000
DTSC Site Activity Code : DISC
Activity Code Def: DISCOVERY
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 08131982
Est # Of Person-years To Complete : 0.00000
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : REFOA
Status Code Definition : PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Cubic Yards Of Solids Removed At Completion : 0.00000
Gallons Of Liquid Removed Upon Completion : 0.00000
Cubic Yards Of Solids Treated Upon Completion : 0.00000
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Facility Id : 19280760
AWP Activities Code : 2.00000
DTSC Site Activity Code : PA
Activity Code Def: Not reported
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 04011985
Est # Of Person-years To Complete : 0.00000
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : REFOA
Status Code Definition : PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Cubic Yards Of Solids Removed At Completion : 0.00000
Gallons Of Liquid Removed Upon Completion : 0.00000
Cubic Yards Of Solids Treated Upon Completion : 0.00000
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Facility Id : 19280760
AWP Activities Code : 3.00000
DTSC Site Activity Code : SS
Activity Code Def: Not reported
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 10251994
Est # Of Person-years To Complete : 0.00000
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : REFOA
Status Code Definition : PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Cubic Yards Of Solids Removed At Completion : 0.00000
Gallons Of Liquid Removed Upon Completion : 0.00000
Cubic Yards Of Solids Treated Upon Completion : 0.00000
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Special Program Code: C104
Special Program : CERCLA 104
Comments Date : 01011988
Comments : ON CORTESE LIST

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ALADDIN PLASTICS INC (Continued)

1000185344

T/C W/ B.HICKMAN, ALADDIN.1/2/85 -
SOURCE ACT: PLASTIC MFG. INJECT MOLDIG
UNTIL THE EARLY 70'S DISCH INTO SEEPAGE
PIT. 1959-1972 APPROX.100G/D DISCH.SINCE
1972 COLLECTN SUMP & RECEPTOR THEN SEWER
BECAUSE RWQCB RESCINDED ITS REQ FOR DISP
TO SEEPAGE PIT.
INDUST WASTE PERMIT BY CITY OF GARDENA
FINAL STRATEGY RECOM SOIL SAMPLING.
YR OF OPER: ABAND INDUST WST DISP SURVEY
5/27/83 - 1957 TO PRESENT
FAC TYPE: CO ENGR SAINT DIST 3/12/75 -
SUMP, INTERCEPTOR, GRIT REMOVAL, GREASE
OR OIL REMOVAL, COOLING TOWERS.
RWQCB RESOLUTION 59-45, 6/18/59 -
1)DEPTH OF AQUIFER: SMALL AMOUNT OF SEMI
PERCHED GROUND-WATER AT 20-60FT.
2)G-WATER USE: FOR DOMESTIC, MUNICIPAL &
INDUSTRIAL PURPOSE.
3)DISTANCE TO WELL: NO ACTIVE WELL.
SUBMIT TO EPA
PRELIM ASSESS DONE CERCLA 104
INSPECTION(LOCAL) CITY OF GARDENA. CURB AREA BEHIND SUMP
CO ENGR. PERMIT 4571 ISSUED 10/70.
PROCESS: PLASTIC INJECTION MOLDERS
WASTE: COOLING WATER FILTER BACKFLUSH
DISCH COOLING TOWER SPILLOVER-GROUND
CHROME ADDITIVE & FILTER BACKFLUSH IN
DISCH TO GROUND.CORRCTD BY 11-72. PERMIT
3639 4/75 NONCONTM WATER. VIO 8/75 EXCES
SOLID/OIL IN SUMP.CORRECTED.
I-1 300G SAND & GREASE INTERCEPTOR
QUESTIONNAIRE SENT
QUESTIONNAIRE RECEIVED
YRS OPERATION AT LOCATION: 1957-PRESENT
NUMBER OF EMPLOYEES AT LOCATION: 70
OIL WASTE RECYCLED/DISPOSED OF OFF SITE
NO INACTIVE IND'L WASTE DISPOSAL SITE
INSPECTION(LOCAL) CITY OF GARDENA. EXCESS SOLIDS & SUSPEND
OIL IN SUMP.
FACILITY DRIVE-BY PAVED AREAS CLEAN/NO STAINS
FACILITY IDENTIFIED ID'D FROM PAC TEL BUS DIR 1981/
LA CO ENG: INDEX 111, IN PERMIT 3639
INSPECTION(LOCAL) CO ENGR. EXCESS SOLIDS IN PRETREATMT FAC
Active generator--refer to County.
REPORTED FOR PROP65
Due to active generator status and the local agencies
regulating the site, staff recommends NFA for DTSC.
INSPECTION(LOCAL) CO ENGR.DISCH OF COOLING WATER TO GROUND

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

E21
East
1/8-1/4
1283 ft.

S B MANAGEMENT CORPORATION
1415 W 178TH ST
GARDENA, CA 90248

RCRIS-LQG
FINDS **1004676288**
 CAR000083345

Site 4 of 4 in cluster E

Relative:
Higher

RCRIS:
 Owner: W B GARDENA COMPANY
 (310) 278-6602

Actual:
41 ft.

EPA ID: CAR000083345
 Contact: KATHY STIMSON
 (310) 278-6602

Classification: Large Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system (RCRAINFO)

22
SW
1/8-1/4
1300 ft.

SCHIAOA BOATS INC
1702 W 180TH ST
GARDENA, CA 90247

RCRIS-SQG
FINDS **1000246100**
 CAD981992803

Relative:
Higher

RCRIS:
 Owner: RON SPINDLER
 (415) 555-1212

Actual:
48 ft.

EPA ID: CAD981992803
 Contact: ENVIRONMENTAL MANAGER
 (213) 323-5280

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system (RCRAINFO)

F23
ENE
1/4-1/2
1479 ft.

GARDENA SUMPS
NORMANDIE AND ARTESIA BOULEVARD
GARDENA, CA

US BROWNFIELDS **1006883373**
 N/A

Site 1 of 4 in cluster F

Relative:
Lower

US BROWNFIELDS:
 Pilot Name: Gardena, CA
 EPA Region: Not reported
 EPA ID: Not reported
 Site ID: Not reported
 Ownership Type: Not reported
 Action: Not reported
 Action Complete Date: Not reported

Actual:
23 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GARDENA SUMPS (Continued)

EDR ID Number
 EPA ID Number

1006883373

**F24
 ENE
 1/4-1/2
 1479 ft.**

**GARDENA SUMPS
 SW COR OF ARTESIA & NORMANDIE
 GARDENA, CA 90247**

**CERCLIS 1000187127
 FINDS CAD980637730
 WMUDS/SWAT**

Site 2 of 4 in cluster F

**Relative:
 Lower**

CERCLIS Classification Data:

**Actual:
 23 ft.**

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Non NPL Status:	Other Cleanup Activity: State-Lead Cleanup	NPL Status:	Not on the NPL
Ownership Status:	Unknown	Contact Tel:	(415) 972-3093
Contact:	Betsy Curnow	Contact Tel:	(415) 972-3094
Contact Title:	Not reported		
Contact:	Jere Johnson		
Contact Title:	Not reported		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	08/01/1981
Assessment:	PRELIMINARY ASSESSMENT	Completed:	12/01/1982
Assessment:	SITE INSPECTION	Completed:	12/01/1982
Assessment:	HRS PACKAGE	Completed:	12/01/1982
Assessment:	SITE INSPECTION	Completed:	12/19/1989

CERCLIS Site Status:

Low

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Brownfields Management System (BMS)
 Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

WMUDS:

Region:	4
Date of Last Facility Edit:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System ID:	4 000001NUR
Solid Waste Information ID:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Facility Name:	Not reported
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act Program:	False
Department of Defense:	False
Open to Public:	False
Number of WMUDS at Facility:	1
Facility Telephone:	Not reported
Primary Standard Industrial Classification:	Not reported
Secondary Standard Industrial Classification:	Not reported
Solid Waste Assessment Test Program Name:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	88-54
Municipal Solid Waste:	False
Superorder:	False
Sub Chapter 15:	False
Reg. Board Project Officer:	R_N
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Base Meridian:	Not reported
Waste List:	False
Facility Description:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GARDENA SUMPS (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000187127

Self-Monitoring Rept. Frequency: Not reported
 Threat to Water Quality: Not reported
 Agency: Not reported
 Address: Not reported
 Department: Not reported
 Contact: Not reported
 Telephone: Not reported
 Landowner: Not reported
 Address: Not reported
 Telephone: Not reported
 Contact: Not reported

F25
ENE
1/4-1/2
1479 ft.

GARDENA SUMPS
SW CRNR OF NORMANDIE AVE
GARDENA, CA 90247

Cortese **S101272750**
AWP **N/A**
Cal-Sites

Site 3 of 4 in cluster F

Relative:
Lower

Actual:
23 ft.

CAL-SITES:
 Facility ID: 19490135
 Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
 Status Date: 09/25/1995
 Lead: DTSC
 Region: 4 - CYPRESS
 Branch: SB - SO CAL - CYPRESS
 File Name: Not reported
 Status Name: ANNUAL WORKPLAN - ACTIVE SITE
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported
 NPL: Not Listed
 SIC: 49 ELECTRIC, GAS & SANITARY SERVICES
 Facility Type: RP
 Type Name: RESPONSIBLE PARTY
 Staff Member Responsible for Site: JCULLY
 Supervisor Responsible for Site: Not reported
 Region Water Control Board: LA - LOS ANGELES
 Access: Uncontrolled
 Cortese: U
 Hazardous Ranking Score: Not reported
 Date Site Hazard Ranked: Not reported
 Groundwater Contamination: Suspected
 No. of Contamination Sources: 1.00000
 Lat/Long: 0.00000° 0.00000' 0.00000" / 0.00000° 0.00000' 0.00000"
 Lat/long Method: Not reported
 State Assembly District Code: 51
 State Senate District: 25

The CAL-SITES database may contain additional details for this site.
 Please click here or contact your EDR Account Executive for more information.

AWP Facility ID: 19490135
 Facility Type: responsible party
 Site Access Controlled : Uncontrolled
 Region : CYPRESS
 SMBR Branch Unit: SO CAL - CYPRESS
 SMBR Branch Code : SB
 Site Name. : Not reported
 Current Status Date : 19/95/0925
 Current Status : ANNUAL WORKPLAN - ACTIVE SITE
 Lead Agency Code : DTSC

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GARDENA SUMPS (Continued)

S101272750

Lead Agency : DEPT OF TOXIC SUBSTANCES CONTROL
 Awp Site Type: RESPONSIBLE PARTY
 NPL : No
 Tier Of AWP Site : Not reported
 Source Of Funding : Not reported
 Responsible Staff Member : JCULLY
 Supervisor Responsible : Not reported
 Facility SIC : ELECTRIC, GAS & SANITARY SERVICES
 SIC Code : 49
 RWQCB Associated With Site LOS ANGELES
 RWQCB Code : LA
 Site Listed HWS List : Not reported
 Hazard Ranking Score : Not reported
 Date Site Hazard Ranked : Not reported
 Groundwater Contamination : Suspected
 # Of Contamination Sources : 1.00000
 Lat/long Method : Not reported
 Description Of Entity : DATA PROVIDED BY PM 1/03
 State Assembly Distt Code : 51
 State Senate District : 25
 Lat/long : 0.00000° 0.00000' 0.00000" / 0.00000° 0.00000' 0.00000"

CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

F26 GARDENA SUMPS CA BOND EXP. PLAN S105960466
ENE SOUTHWEST CORNER OF NORMANDIE AVENUE AND ARTESIA B N/A
1/4-1/2 GARDENA, CA 90247
1479 ft.

Site 4 of 4 in cluster F

**Relative:
 Lower**

**Actual:
 23 ft.**

BEP:
 Site Description : This is an abandoned refinery and oil field waste disposal site. The wastes are believed to have been disposed of in sumps over a 15 year period ending in the 1950s.
 Hazardous Waste Desc : Hazardous substances found onsite include a wide variety of petroleum hydrocarbon wastes, polychlorinated biphenyls (PCBs) and some heavy metals generated from drilling and petroleum refining. Sludges are of a highly acidic nature. The estimated amount of waste on the site is 16,000 tons.
 Threat To Public Health & Env : The hydrocarbon wastes are highly acidic and present a potential health hazard through direct contact with the skin. Additionally wastes may emit gases containing volatile organic compounds, or other sulfur containing gases, presenting a potential inhalation hazard.
 Site Activity Status : DHS performed a preliminary assessment and site investigation in 1986 to evaluate site contamination. Based on the findings of this investigation, a remedial action order was issued on March 3, 1988 to the two property owners where the sumps exist. Should both property owners fail to comply with the order, DHS will initiate remedial activities. An imminent and substantial endangerment determination was made by DHS in July, 1988. Based on this determination, the landowners were required to fenceand secure the site and remove materials seeping from the sumps to offsite areas.
 Project Revenue Source Co. : Not Reported
 PRS Company Address : Not reported
 Not reported
 Project Revenue Source Desc : The drilling, transportation, and manufacturing companies which disposed of wastes have not been definitively identified. Both of the landowners named in the RAO have indicated willingness to undertake and fund further site characterization and remediation required in the order. Uncertainty remains

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GARDENA SUMPS (Continued)

S105960466

as to whether these landowners can fund remedial activities. If all PRPs are found to be in noncompliance, DHS will initiate remedial activities. If Bond funds are used, DHS will undertake appropriate cost recovery activities.

Responsible Party : DETAILED SITE EXPENDITURE PLAN

G27
WNW
1/4-1/2
1841 ft.

GARDENA-174TH & WESTERN
174TH / WESTERN
GARDENA, CA

WMUDS/SWAT **S103441448**
N/A

Site 1 of 5 in cluster G

Relative:
Lower

Actual:
30 ft.

WMUDS:
 Region: 4
 Date of Last Facility Edit: Not reported
 Last Facility Editors: Not reported
 Waste Discharge System ID: 4 190196NUR
 Solid Waste Information ID: Not reported
 Waste Discharge System: False
 Solid Waste Assessment Test Program: True
 Facility Name: Not reported
 Toxic Pits Cleanup Act Program: False
 Resource Conservation Recovery Act Program: False
 Department of Defense: False
 Open to Public: False
 Number of WMUDS at Facility: 1
 Facility Telephone: Not reported
 Primary Standard Industrial Classification: Not reported
 Secondary Standard Industrial Classification: Not reported
 Solid Waste Assessment Test Program Name: Not reported
 NPID: Not reported
 Tonnage: 0
 Regional Board ID: Not reported
 Municipal Solid Waste: False
 Superorder: False
 Sub Chapter 15: False
 Reg. Board Project Officer: LT
 Section Range: Not reported
 RCRA Facility: Not reported
 Waste Discharge Requirements: Not reported
 Base Meridian: Not reported
 Waste List: False
 Facility Description: Not reported
 Self-Monitoring Rept. Frequency: Not reported
 Threat to Water Quality: Not reported
 Agency: Not reported
 Address: Not reported
 Department: Not reported
 Contact: Not reported
 Telephone: Not reported
 Landowner: Not reported
 Address: CA
 Telephone: Not reported
 Contact: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

G28
WNW
1/4-1/2
1905 ft.

ARCO #1235
1800 ARTESIA BLVD W
TORRANCE, CA 90504

LUST **S106163213**
N/A

Site 2 of 5 in cluster G

Relative:
Lower

State LUST:

Actual:
31 ft.

Cross Street: WESTERN
 Qty Leaked: Not reported
 Case Number: 905040034
 Reg Board: 4
 Chemical: Gasoline
 Lead Agency: Regional Board
 Local Agency: 19038
 Case Type: Other ground water affected
 Status: Case Closed
 Abate Method: Containment Barrier - install vertical dike to block horizontal movement of contaminant, Cap Site - install horizontal impermeable layer to reduce rainfall infiltration

Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/2/96 0:00
 Release Date: 03/05/1987
 Cleanup Fund Id: Not reported
 Discover Date: 03/02/1987
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: 3/19/87 0:00
 Funding: Not reported
 Staff Initials: RVB
 How Discovered: Tank Closure
 How Stopped: Not reported
 Interim: Yes
 Leak Cause: UNK
 Leak Source: UNK
 MTBE Date: 7/14/03 0:00
 Max MTBE GW: 15000 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported
 Local Case #: Not reported
 Beneficial: Not reported
 Staff: UNK
 GW Qualifier: =
 Max MTBE Soil: 1600 Parts per Million
 Soil Qualifier: =
 Hydr Basin #: SAN FERNANDO VALLEY
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: 1/28/99 0:00
 Stop Date: 02/24/1987
 Work Suspended: Not reported
 Responsible Party: ARCO PRODUCTS COMPANY
 RP Address: P.O. BOX 5077, BUENA PARK, CA 90622-5077
 Global Id: T0603701477
 Org Name: Not reported
 Contact Person: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

ARCO #1235 (Continued)

S106163213

MTBE Conc: Not reported
 Mtb Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: Not reported
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

G29 **LOS ANGELES COUNTY ROAD DEPART**
NW **ARTESIA / WESTERN**
1/4-1/2 **GARDENA, CA**
1907 ft.

WMUDS/SWAT **S103441362**
N/A

Site 3 of 5 in cluster G

Relative:
Lower

Actual:
31 ft.

WMUDS:
 Region: 4
 Date of Last Facility Edit: Not reported
 Last Facility Editors: Not reported
 Waste Discharge System ID: 4 190092NUR
 Solid Waste Information ID: Not reported
 Waste Discharge System: False
 Solid Waste Assessment Test Program: True
 Facility Name: Not reported
 Toxic Pits Cleanup Act Program: False
 Resource Conservation Recovery Act Program: False
 Department of Defense: False
 Open to Public: False
 Number of WMUDS at Facility: 1
 Facility Telephone: Not reported
 Primary Standard Industrial Classification: Not reported
 Secondary Standard Industrial Classification: Not reported
 Solid Waste Assessment Test Program Name: LOS ANGELES COUNTY ROAD DEPARTMENT
 NPID: Not reported
 Tonnage: 0
 Regional Board ID: Not reported
 Municipal Solid Waste: False
 Superorder: False
 Sub Chapter 15: False
 Reg. Board Project Officer: LT
 Section Range: Not reported
 RCRA Facility: Not reported
 Waste Discharge Requirements: Not reported
 Base Meridian: Not reported
 Waste List: False
 Facility Description: Not reported
 Self-Monitoring Rept. Frequency: Not reported
 Threat to Water Quality: Not reported
 Agency: LOS ANGELES COUNTY ROAD DEPART
 Address: Not reported
 Department: Not reported
 Contact: Not reported
 Telephone: Not reported
 Landowner: Not reported
 Address: CA
 Telephone: Not reported
 Contact: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

LOS ANGELES COUNTY ROAD DEPART (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103441362

**G30
 NW
 1/4-1/2
 1907 ft.**

**ARCO #1235
 1800 ARTESIA BLVD W
 TORRANCE, CA 90504**

**Cortese S101298262
 LUST N/A**

Site 4 of 5 in cluster G

**Relative:
 Lower**

State LUST:

**Actual:
 31 ft.**

Cross Street:	WESTERN	Confirm Leak:	8/21/01 0:00
Qty Leaked:	Not reported	Prelim Assess:	Not reported
Case Number	905040034A	Remed Plan:	Not reported
Reg Board:	4		
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Local Agency :	19038		
Case Type:	Undefined		
Status:	Pollution Characterization		
Review Date:	8/21/01 0:00		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	Not reported		
Release Date:	08/21/2001		
Cleanup Fund Id :	Not reported		
Discover Date :	06/29/2001		
Enforcement Dt :	Not reported		
Enf Type:	DLLET		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	OM		
How Stopped:	Other Means		
Interim :	Not reported		
Leak Cause:	UNK		
Leak Source:	UNK		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JW		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	SAN FERNANDO VALLEY		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	9/10/02 0:00		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	RON ROGERS		
RP Address:	FOUR CENTERPOINTE DR., LPR4-462		
Global Id:	T0603730804		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARCO #1235 (Continued)

S101298262

Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: Not reported
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date:	08/21/2001
Lead Agency:	Regional Board
Local Agency:	19038
Substance:	Gasoline
Case Type:	Undefined
Status:	Pollution Characterization
Region:	4
Staff:	JW
Date Case Last Changed on Database:	9/10/02
Date Leak Record Entered:	Not reported
Historical Max MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil :	Not reported
County:	Los Angeles
Organization :	Not reported
Regional Board:	4
Owner Contact:	Not reported
Responsible Party:	RON ROGERS
RP Address:	FOUR CENTERPOINTE DR., LPR4-462
Significant Interim Remedial Action Taken:	Not reported
Program :	LUST
Lat / Long :	34 / -118
Local Agency Staff:	Not reported
Summary :	CITY OF TORRANCE REFERRED CASE TO LARWQCB
Hydrologic Basin # :	SAN FERNANDO VALLEY
Beneficial Use :	Not reported
Priority :	Not reported
Cleanup Fund Id :	Not reported
Suspended :	Not reported
Local Case No :	Not reported
Substance Quantity :	0
Abatement Method Used at the Site:	Not reported
Operator :	Not reported
Water System :	Not reported
Well Name :	Not reported
Approx. Dist To Production Well (ft) :	1855.198943
Assigned Name :	Not reported
Source of Cleanup Funding:	Not reported
Date the Leak was Discovered:	06/29/2001
How the Leak was Discovered:	OM
How the Leak was Stopped:	Other Means
Cause of Leak:	UNK
Leak Source:	UNK
Date The Leak was Stopped:	Not reported
Date Confirmation Leak Began:	8/21/01
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	11/14/02
Remediation Plan Submitted:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARCO #1235 (Continued)

S101298262

Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Date the Case was Closed:	Not reported
Enforcement Action Date:	Not reported
Date Leak First Reported:	08/21/2001
Enforcement Type:	DLLET
Global ID :	T0603730804
Cross Street:	WESTERN
Report Date:	03/05/1987
Lead Agency:	Regional Board
Local Agency:	19038
Substance:	Gasoline
Case Type:	Groundwater
Status:	Case Closed
Region:	4
Staff:	UNK
Date Case Last Changed on Database:	1/28/99
Date Leak Record Entered:	3/19/87
Historical Max MTBE Date:	7/14/03
GW Qualifier:	=
Soil Qualifier:	=
Hist Max MTBE Conc in Groundwater:	15000
Hist Max MTBE Conc in Soil :	1600
County:	Los Angeles
Organization :	Not reported
Regional Board:	4
Owner Contact:	Not reported
Responsible Party:	ARCO PRODUCTS COMPANY
RP Address:	P.O. BOX 5077, BUENA PARK, CA 90622-5077
Significant Interim Remedial Action Taken:	Yes
Program :	LUST
Lat / Long :	34 / -118
Local Agency Staff:	RVB
Summary :	HYDROCARBON OBSERVED ON PERCHED WATER. TANK AND SOIL REMOVEDGW COLLECTION SYSTEM INSTALLED. PURGING FREE PRODUCT. 1/28/99 OFF-SITE WELL ABANDONMENT LETTER REPORT
Hydrologic Basin # :	SAN FERNANDO VALLEY
Beneficial Use :	Not reported
Priority :	Not reported
Cleanup Fund Id :	Not reported
Suspended :	Not reported
Local Case No :	Not reported
Substance Quantity :	0
Abatement Method Used at the Site:	CBCD
Operator :	Not reported
Water System :	Not reported
Well Name :	Not reported
Approx. Dist To Production Well (ft) :	1752.652029
Assigned Name :	Not reported
Source of Cleanup Funding:	Not reported
Date the Leak was Discovered:	03/02/1987
How the Leak was Discovered:	Tank Closure
How the Leak was Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ARCO #1235 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S101298262

Date The Leak was Stopped: 2/24/87
 Date Confirmation Leak Began: Not reported
 Preliminary Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: 5/1/96
 Remediation Plan Submitted: Not reported
 Remedial Action Underway: Not reported
 Post Remedial Action Monitoring Began: Not reported
 Date the Case was Closed: 10/2/96
 Enforcement Action Date: Not reported
 Date Leak First Reported: 03/05/1987
 Enforcement Type: Not reported
 Global ID : T0603701477
 Cross Street: WESTERN

CORTESE:

Region: CORTESE
 Fac Address 2: 1800 ARTESIA BLVD W

**G31
 NW
 1/4-1/2
 1907 ft.**

**CHEVRON #9-2445
 17400 WESTERN AVE S
 GARDENA, CA 90247**

**Cortese
 HAZNET
 LUST**

**S100932512
 N/A**

Site 5 of 5 in cluster G

**Relative:
 Lower**

State LUST:

**Actual:
 31 ft.**

Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number I-11704
 Reg Board: 4
 Chemical: Gasoline
 Lead Agency: Regional Board
 Local Agency : 19000
 Case Type: Other ground water affected
 Status: Remediation Plan
 Abate Method: Vapor Extraction
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: 1/28/02 0:00
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 03/06/1989
 Cleanup Fund Id : Not reported
 Discover Date : 12/08/1982
 Enforcement Dt : Not reported
 Enf Type: DLLET
 Enter Date : Not reported
 Funding: Federal Funds
 Staff Initials: Not reported
 How Discovered: Tank Test
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Structure Failure
 Leak Source: Tank
 MTBE Date : 12/3/96 0:00
 Max MTBE GW : 4400 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: 1/28/02 0:00

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON #9-2445 (Continued)

S100932512

Local Case # : Not reported
 Beneficial: Not reported
 Staff : JW
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin # : SAN FERNANDO VALLEY
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : 10/15/02 0:00
 Stop Date : / /
 Work Suspended : Not reported
 Responsible Party: MR. Y. TUAN
 RP Address: 145 S. STATE COLLEGE BLVD. #400
 Global Id: T0603703836
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: Not reported
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 03/06/1989
 Lead Agency: Regional Board
 Local Agency: 19000
 Substance: Gasoline
 Case Type: Groundwater
 Status: Remediation Plan
 Region: 4
 Staff: JW
 Date Case Last Changed on Database: 10/15/02
 Date Leak Record Entered: Not reported
 Historical Max MTBE Date: 12/3/96
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Hist Max MTBE Conc in Groundwater: 4400
 Hist Max MTBE Conc in Soil : Not reported
 County: Los Angeles
 Organization : Not reported
 Regional Board: 4
 Owner Contact: Not reported
 Responsible Party: MR. Y. TUAN
 RP Address: 145 S. STATE COLLEGE BLVD. #400
 Significant Interim Remedial Action Taken: Not reported
 Program : LUST
 Lat / Long : 34 / -118
 Local Agency Staff: Not reported
 Summary : LEAK REPORTED IN 1982. HC CONTAMINATION AT 25'.
 G/W IMPACTED. NO FOLLOW UP REPORT.;6/30/00 2ND QTR
 GW MON RPT 2000; 8/18/00 3RD QTR GW MON RPT 2000;
 11/20/00 4TH MON RPT 2000; 2/26/01 1ST QTR GW MON
 RPT 2000
 Hydrologic Basin # : SAN FERNANDO VALLEY
 Beneficial Use : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON #9-2445 (Continued)

S100932512

Priority : Not reported
Cleanup Fund Id : Not reported
Suspended : Not reported
Local Case No : Not reported
Substance Quantity : 0
Abatement Method Used at the Site: VE
Operator : Not reported
Water System : Not reported
Well Name : Not reported
Approx. Dist To Production Well (ft) : 1694.585088
Assigned Name : Not reported
Source of Cleanup Funding: Federal Funds
Date the Leak was Discovered: 12/08/1982
How the Leak was Discovered: Tank Test
How the Leak was Stopped: Not reported
Cause of Leak: Structure Failure
Leak Source: Tank
Date The Leak was Stopped: Not reported
Date Confirmation Leak Began: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 1/28/02
Remediation Plan Submitted: 1/28/02
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Date the Case was Closed: Not reported
Enforcement Action Date: Not reported
Date Leak First Reported: 03/06/1989
Enforcement Type: DLLET
Global ID : T0603703836
Cross Street: Not reported

HAZNET:

Gepaid: CAL000048808
TSD EPA ID: CAD982484933
Gen County: Los Angeles
Tsd County: 7
Tons: .1000
Waste Category: Empty containers less than 30 gallons
Disposal Method: Disposal, Other
Contact: MAZZOCCO N CHRIS
Telephone: (000) 000-0000
Mailing Address: 17400 S WESTERN AVE
GARDENA, CA 90248
County Los Angeles
Gepaid: CAL000048808
TSD EPA ID: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3336
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: MAZZOCCO N CHRIS
Telephone: (000) 000-0000
Mailing Address: 17400 S WESTERN AVE
GARDENA, CA 90248
County Los Angeles

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON #9-2445 (Continued)

S100932512

Gepaid: CAL000048808
 TSD EPA ID: CAD980883177
 Gen County: Los Angeles
 Tsd County: Kern
 Tons: .9174
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: MAZZOCCO N CHRIS
 Telephone: (000) 000-0000
 Mailing Address: 17400 S WESTERN AVE
 GARDENA, CA 90248
 County Los Angeles

Gepaid: CAL000048808
 TSD EPA ID: CAT000613935
 Gen County: Los Angeles
 Tsd County: Los Angeles
 Tons: 0.0625
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Contact: MAZZOCCO N CHRIS
 Telephone: (000) 000-0000
 Mailing Address: 17400 S WESTERN AVE
 GARDENA, CA 90248
 County Los Angeles

Gepaid: CAL000048808
 TSD EPA ID: CAD980883177
 Gen County: Los Angeles
 Tsd County: Kern
 Tons: .7714
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: MAZZOCCO N CHRIS
 Telephone: (000) 000-0000
 Mailing Address: 17400 S WESTERN AVE
 GARDENA, CA 90248
 County Los Angeles

CORTESE:
 Region: CORTESE
 Fac Address 2: 17400 WESTERN AVE S

**H32
 SW
 1/4-1/2
 2069 ft.**

**UNITED OIL #44 (UNOCAL)
 18130 S WESTERN AVE
 GARDENA, CA 90248**

**LOS ANGELES CO. HMS S100943249
 Cortese N/A**

Site 1 of 2 in cluster H

**Relative:
 Higher
 Actual:
 52 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 18130 WESTERN AVE S

HMS:
 Facility Id: 002327-002406
 Area: 2B
 Facility Type: T0
 Permit Number: 174 Permit Status: Permit
 Facility Status: Permit
 Region: Los Angeles County:

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNITED OIL #44 (UNOCAL) (Continued)

S100943249

Facility Id: 002327-I16993
Area: 2B
Facility Type: I01
Permit Number: 174 Permit Status: Removed
Facility Status: Permit
Region: Los Angeles County

**H33
SW
1/4-1/2
2069 ft.**

**UNITED OIL #44/RAPID GAS #44
18130 WESTERN AVE S
GARDENA, CA 90248**

**LUST S105693656
N/A**

Site 2 of 2 in cluster H

**Relative:
Higher**

State LUST:

**Actual:
52 ft.**

Cross Street: 182ND ST W
Qty Leaked: Not reported
Case Number: I-02406
Reg Board: 4
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 19000
Case Type: Other ground water affected
Status: Pollution Characterization
Abate Method: Remove Free Product - remove floating product from water table
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 06/30/1988
Cleanup Fund Id: Not reported
Discover Date: 05/26/1988
Enforcement Dt: Not reported
Enf Type: LET
Enter Date: 7/21/88 0:00
Funding: Not reported
Staff Initials: Not reported
How Discovered: OM
How Stopped: Not reported
Interim: Yes
Leak Cause: Not reported
Leak Source: Other Source
MTBE Date: 6/3/03 0:00
Max MTBE GW: 9600 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: Not reported
Staff: JW
GW Qualifier: =
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: SAN FERNANDO VALLEY
Operator: PHALA SOLIS
Oversight Prgm: LUST
Review Date: 7/11/02 0:00
Stop Date: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNITED OIL #44/RAPID GAS #44 (Continued)

S105693656

Work Suspended :Not reported
 Responsible Party:JEFF APPEL
 RP Address: 18525 S. MAIN ST.
 Global Id: T0603702850
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: Not reported
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 06/30/1988
 Lead Agency: Regional Board
 Local Agency: 19000
 Substance: Gasoline
 Case Type: Groundwater
 Status: Pollution Characterization
 Region: 4
 Staff: JW

Date Case Last Changed on Database:	7/11/02
Date Leak Record Entered:	7/21/88
Historical Max MTBE Date:	6/3/03
GW Qualifier:	=
Soil Qualifier:	Not reported
Hist Max MTBE Conc in Groundwater:	9600
Hist Max MTBE Conc in Soil :	Not reported
County:	Los Angeles
Organization :	Not reported
Regional Board:	4
Owner Contact: Not reported	
Responsible Party:	JEFF APPEL
RP Address:	18525 S. MAIN ST.
Significant Interim Remedial Action Taken:	Yes
Program :	LUST
Lat / Long :	34 / -118
Local Agency Staff:	Not reported
Summary :	GW @ 41, FP IN ALL WELLS ADD'L. ASSESSMENT REQUIRED LAST QMRSUBMITTED FOR 10/96; SOIL 1400PPM/DIESEL DEPTH TO GW 50' OIL CONTAMINATION BELOW 30'; 1/10/01 SITE ASSESSMENT RPT; 1/9/01 4TH QTR GW MON RPT 2000
Hydrologic Basin # :	SAN FERNANDO VALLEY
Beneficial Use :	Not reported
Priority :	Not reported
Cleanup Fund Id :	Not reported
Suspended :	Not reported
Local Case No :	Not reported
Substance Quantity :	0
Abatement Method Used at the Site:	Remove Free Product
Operator :	PHALA SOLIS
Water System :	Not reported
Well Name :	Not reported
Approx. Dist To Production Well (ft) :	3200.170342
Assigned Name :	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNITED OIL #44/RAPID GAS #44 (Continued)

S105693656

Source of Cleanup Funding: Not reported
 Date the Leak was Discovered: 05/26/1988
 How the Leak was Discovered: OM
 How the Leak was Stopped: Not reported
 Cause of Leak: Not reported
 Leak Source: Other Source
 Date The Leak was Stopped: Not reported
 Date Confirmation Leak Began: Not reported
 Preliminary Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: 8/28/95
 Remediation Plan Submitted: Not reported
 Remedial Action Underway: Not reported
 Post Remedial Action Monitoring Began: Not reported
 Date the Case was Closed: Not reported
 Enforcement Action Date: Not reported
 Date Leak First Reported: 06/30/1988
 Enforcement Type: LET
 Global ID : T0603702850
 Cross Street: 182ND ST W

**34
 NW
 1/4-1/2
 2139 ft.**

**HONEYWELL INC.
 17300 WESTERN AVE.
 GARDENA, CA 90247**

**RCRIS-SQG 1000226458
 FINDS CAD063847529
 CERC-NFRAP
 Cortese
 CA SLIC
 LUST
 CA WDS**

**Relative:
 Equal**

**Actual:
 34 ft.**

CERCLIS-NFRAP Classification Data:
 Site Incident Category: Not reported
 Non NPL Code: NFRAP
 Ownership Status: Private
 CERCLIS-NFRAP Assessment History:
 Assessment: DISCOVERY
 Assessment: ARCHIVE SITE
 Assessment: PRELIMINARY ASSESSMENT
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Completed: 09/01/1987
 Completed: 08/07/1989
 Completed: 08/07/1989

RCRIS:
 Owner: HONEYWELL INC.
 (213) 538-5050
 EPA ID: CAD063847529
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 262.10-12.A
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 05/07/1986
 Actual Date Achieved Compliance: 05/08/1987
 Regulation Violated: 262.10-12.A
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 10/02/1985
 Actual Date Achieved Compliance: 02/07/1986
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 10/02/1985

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HONEYWELL INC. (Continued)

1000226458

Penalty Type: Not reported

There are 2 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Non-Financial Record Review	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870508
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19860207

FINDS:

- Other Pertinent Environmental Activity Identified at Site:
 - Permit Compliance System (PCS)
 - Resource Conservation and Recovery Act Information system (RCRAINFO)
 - Toxic Chemical Release Inventory System (TRIS)

State LUST:

Cross Street: ARTESIA
 Qty Leaked: Not reported
 Case Number: 902470016
 Reg Board: 4
 Chemical: Gasoline
 Lead Agency: Regional Board
 Local Agency: 19000
 Case Type: Other ground water affected
 Status: Case Closed
 Abate Method: Pump and Treat Ground Water - generally employed to remove dissolved contaminants
 Review Date: 3/1/84 0:00 Confirm Leak: 3/1/84 0:00
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: 8/19/92 0:00 Remed Plan: 8/19/92 0:00
 Remed Action: Not reported
 Monitoring: 12/23/96 0:00
 Close Date: 5/15/97 0:00
 Release Date: 11/18/1983
 Cleanup Fund Id: Not reported
 Discover Date: 03/01/1984
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: 12/31/86 0:00
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Yes
 Leak Cause: UNK
 Leak Source: UNK
 MTBE Date: 1/1/65 0:00
 Max MTBE GW: 88 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported
 Local Case #: Not reported
 Beneficial: Not reported
 Staff: UNK
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: SAN FERNANDO VALLEY
 Operator: Not reported
 Oversight Prgm: LUST

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HONEYWELL INC. (Continued)

1000226458

Review Date : 5/5/99 0:00
Stop Date : / /
Work Suspended :Not reported
Responsible Party:HONEYWELL INCORPORATED
RP Address: 8801 W. CALLE LEJOS, PEORIA, AZ 85382
Global Id: T0603701271
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 11/18/1983
Lead Agency: Regional Board
Local Agency: 19000
Substance: Gasoline
Case Type: Groundwater
Status: Case Closed
Region: 4
Staff: UNK
Date Case Last Changed on Database: 5/5/99
Date Leak Record Entered: 12/31/86
Historical Max MTBE Date: 1/1/65
GW Qualifier: Not reported
Soil Qualifier: Not reported
Hist Max MTBE Conc in Groundwater: 88
Hist Max MTBE Conc in Soil : Not reported
County: Los Angeles
Organization : Not reported
Regional Board: 4
Owner Contact: Not reported
Responsible Party: HONEYWELL INCORPORATED
RP Address: 8801 W. CALLE LEJOS, PEORIA, AZ 85382
Significant Interim Remedial Action Taken: Yes
Program : LUST
Lat / Long : 34 / -118
Local Agency Staff: Not reported
Summary : 03/21/97 1ST QTR GW SAMPLING RPT; 06/09/97 2ND
QTR GW SAMPLING RPT; 03/11/98 1ST QTR 98 GW MON
AND SAMPLING RPT; 09/25/98 3RD QTR 98 GW MON AND
SAMPLING RPT
Hydrologic Basin # : SAN FERNANDO VALLEY
Beneficial Use : Not reported
Priority : Not reported
Cleanup Fund Id : Not reported
Suspended : Not reported
Local Case No : Not reported
Substance Quantity : 0
Abatement Method Used at the Site: Pump and Treat Groundwater
Operator : Not reported
Water System : Not reported
Well Name : Not reported
Approx. Dist To Production Well (ft) : 1649.77985

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HONEYWELL INC. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000226458

Assigned Name : Not reported
 Source of Cleanup Funding: Not reported
 Date the Leak was Discovered: 03/01/1984
 How the Leak was Discovered: Not reported
 How the Leak was Stopped: Not reported
 Cause of Leak: UNK
 Leak Source: UNK
 Date The Leak was Stopped: Not reported
 Date Confirmation Leak Began: 3/1/84
 Preliminary Site Assessment Workplan Submitted: 11/26/84
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: 6/10/88
 Remediation Plan Submitted: 8/19/92
 Remedial Action Underway: Not reported
 Post Remedial Action Monitoring Began: 12/23/96
 Date the Case was Closed: 5/15/97
 Enforcement Action Date: Not reported
 Date Leak First Reported: 11/18/1983
 Enforcement Type: Not reported
 Global ID : T0603701271
 Cross Street: ARTESIA

CORTESE:

Region: CORTESE
 Fac Address 2: 17300 WESTERN AVE S

SLIC Region 4:

Facility Status: Site Assessment
 Region: 4
 SLIC: 0688
 Staff: AS
 Substance: VOCs

WDS:

Facility ID: Los Angeles River 191263001
 Facility Contact: Ron Wabschall
 Facility Telephone: (602) 566-1372
 SIC Code: 3494
 SIC Code 2: Not reported
 Agency Name: HONEYWELL INC.
 Agency Address: 0
 Agency Contact: Not reported
 Agency Phone: 0
 Design Flow: 0.025 Million Gal/Day
 Baseline Flow: 0.02 Million Gal/Day
 Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 Agency Type: Private
 Waste Type: Contaminated Ground Water - Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
 Threat to Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
 Reclamation: No reclamation requirements associated with this facility.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HONEYWELL INC. (Continued)

EDR ID Number
 EPA ID Number

1000226458

POTW: The facility is not a POTW.
 NPDES Number: CA0062162 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
 Subregion: 4

**I35
 SW
 1/4-1/2
 2220 ft.**

**MOBIL #18-EDP (FORMER #11-EDP)
 18203 WESTERN AVE S
 TORRANCE, CA 90504**

**LUST S103281889
 N/A**

Site 1 of 2 in cluster I

**Relative:
 Higher**

**Actual:
 53 ft.**

State LUST:
 Cross Street: 182ND ST
 Qty Leaked: Not reported
 Case Number: 905040225
 Reg Board: 4
 Chemical: Hydrocarbons
 Lead Agency: Regional Board
 Local Agency : 19038
 Case Type: Other ground water affected
 Status: Remediation Plan
 Review Date: Not reported
 Workplan: 10/16/96 0:00
 Pollution Char: 7/3/01 0:00
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 10/16/1996
 Cleanup Fund Id : Not reported
 Discover Date : 09/26/1996
 Enforcement Dt : Not reported
 Enf Type: SEL
 Enter Date : 3/24/97 0:00
 Funding: Not reported
 Staff Initials: RVB
 How Discovered: Subsurface Monitoring
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : 1/1/65 0:00
 Max MTBE GW : 53 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported
 Local Case # : Not reported
 Beneficial: Not reported
 Staff : AT
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: SAN FERNANDO VALLEY
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : 9/20/02 0:00
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party: MOBIL OIL CORP.
 RP Address: 43218 BUSINESS PARK DR., SUITE #201
 Global Id: T0603701496

Confirm Leak: Not reported
 Prelim Assess: 10/16/96 0:00
 Remed Plan: 7/3/01 0:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MOBIL #18-EDP (FORMER #11-EDP) (Continued)

S103281889

Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 10/16/1996
Lead Agency: Regional Board
Local Agency: 19038
Substance: Hydrocarbons
Case Type: Groundwater
Status: Remediation Plan
Region: 4
Staff: AT
Date Case Last Changed on Database: 9/20/02
Date Leak Record Entered: 3/24/97
Historical Max MTBE Date: 1/1/65
GW Qualifier: Not reported
Soil Qualifier: Not reported
Hist Max MTBE Conc in Groundwater: 53
Hist Max MTBE Conc in Soil : Not reported
County: Los Angeles
Organization : Not reported
Regional Board: 4
Owner Contact: Not reported
Responsible Party: MOBIL OIL CORP.
RP Address: 43218 BUSINESS PARK DR., SUITE #201
Significant Interim Remedial Action Taken: Not reported
Program : LUST
Lat / Long : 34 / -118
Local Agency Staff: RVB
Summary : THE SUBMITTED RPT DID NOT HAVE MTBE ANALIZING DATA

Hydrologic Basin # : SAN FERNANDO VALLEY
Beneficial Use : Not reported
Priority : Not reported
Cleanup Fund Id : Not reported
Suspended : Not reported
Local Case No : Not reported
Substance Quantity : 0
Abatement Method Used at the Site: Not reported
Operator : Not reported
Water System : Not reported
Well Name : Not reported
Approx. Dist To Production Well (ft) : 3453.37481
Assigned Name : Not reported
Source of Cleanup Funding: Not reported
Date the Leak was Discovered: 09/26/1996
How the Leak was Discovered: Subsurface Monitoring
How the Leak was Stopped: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MOBIL #18-EDP (FORMER #11-EDP) (Continued)

S103281889

Cause of Leak: Not reported
 Leak Source: Not reported
 Date The Leak was Stopped: Not reported
 Date Confirmation Leak Began: Not reported
 Preliminary Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: 10/16/96
 Pollution Characterization Began: 9/9/97
 Remediation Plan Submitted: 7/3/01
 Remedial Action Underway: Not reported
 Post Remedial Action Monitoring Began: Not reported
 Date the Case was Closed: Not reported
 Enforcement Action Date: Not reported
 Date Leak First Reported: 10/16/1996
 Enforcement Type: SEL
 Global ID : T0603701496
 Cross Street: 182ND ST

**I36
 SW
 1/4-1/2
 2220 ft.**

**MOBIL #18-EDP (FORMER #11
 18203 WESTERN
 GARDENA, CA 90000**

**Cortese S104576785
 HAZNET N/A**

Site 2 of 2 in cluster I

**Relative:
 Higher**

**Actual:
 53 ft.**

HAZNET:
 Gepaid: CAL000056290
 TSD EPA ID: CAD028409019
 Gen County: Los Angeles
 Tsd County: Los Angeles
 Tons: 1.3343
 Waste Category: Unspecified aqueous solution
 Disposal Method: Treatment, Tank
 Contact: MOBIL OIL CORP.
 Telephone: (000) 000-0000
 Mailing Address: 18203 WESTERN AVE
 GARDENA, CA 90000
 County Los Angeles
 Gepaid: CAL000056290
 TSD EPA ID: CAD028409019
 Gen County: Los Angeles
 Tsd County: Los Angeles
 Tons: .2751
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Treatment, Tank
 Contact: MOBIL OIL CORP.
 Telephone: (000) 000-0000
 Mailing Address: 18203 WESTERN AVE
 GARDENA, CA 90000
 County Los Angeles
 Gepaid: CAL000056290
 TSD EPA ID: CAD028409019
 Gen County: Los Angeles
 Tsd County: Los Angeles
 Tons: 2.2392
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Treatment, Tank
 Contact: MOBIL OIL CORP.
 Telephone: (000) 000-0000
 Mailing Address: 18203 WESTERN AVE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MOBIL #18-EDP (FORMER #11 (Continued))

EDR ID Number
 EPA ID Number

Database(s)

County: GARDENA, CA 90000
 Los Angeles
 CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

S104576785

**J37
 WNW
 1/4-1/2
 2525 ft.**

**SEARS ROEBUCK AND COMPANY
 1917 ARTESIA BLVD W
 GARDENA, CA 90247**

**Cortese S101296187
 LUST N/A**

Site 1 of 2 in cluster J

**Relative:
 Lower**

State LUST:
 Cross Street: GRAMERCY PL
 Qty Leaked: Not reported
 Case Number: 902470061
 Reg Board: 4
 Chemical: Gasoline
 Lead Agency: Regional Board
 Local Agency: 19000
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: 5/13/87 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: 9/5/88 0:00
 Monitoring: Not reported
 Close Date: 12/6/96 0:00
 Release Date: 10/22/1987
 Cleanup Fund Id: Not reported
 Discover Date: / /
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: 1/27/88 0:00
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case #: Not reported
 Beneficial: Not reported
 Staff: UNK
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: SAN FERNANDO VALLEY
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: 8/17/98 0:00
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: SEARS ROEBUCK AND COMPANY

Confirm Leak: 5/13/87 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 13 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SEARS ROEBUCK AND COMPANY (Continued)

S101296187

RP Address: 3333 BEVERLY RD, HOFFMAN ESTATES, IL 60179
 Global Id: T0603701273
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: Not reported
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 10/22/1987
 Lead Agency: Regional Board
 Local Agency: 19000
 Substance: Gasoline
 Case Type: Groundwater
 Status: Case Closed
 Region: 4
 Staff: UNK
 Date Case Last Changed on Database: 8/17/98
 Date Leak Record Entered: 1/27/88
 Historical Max MTBE Date: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Hist Max MTBE Conc in Groundwater: Not reported
 Hist Max MTBE Conc in Soil : Not reported
 County: Los Angeles
 Organization : Not reported
 Regional Board: 4
 Owner Contact: Not reported
 Responsible Party: SEARS ROEBUCK AND COMPANY
 RP Address: 3333 BEVERLY RD, HOFFMAN ESTATES, IL 60179
 Significant Interim Remedial Action Taken: Not reported
 Program : LUST
 Lat / Long : 34 / -118
 Local Agency Staff: Not reported
 Summary : 08/17/98 - WELL ABANDONMENT
 Hydrologic Basin # : SAN FERNANDO VALLEY
 Beneficial Use : Not reported
 Priority : Not reported
 Cleanup Fund Id : Not reported
 Suspended : Not reported
 Local Case No : Not reported
 Substance Quantity : 0
 Abatement Method Used at the Site: Not reported
 Operator : Not reported
 Water System : Not reported
 Well Name : Not reported
 Approx. Dist To Production Well (ft) : 2488.831608
 Assigned Name : Not reported
 Source of Cleanup Funding: Not reported
 Date the Leak was Discovered: / /
 How the Leak was Discovered: Not reported
 How the Leak was Stopped: Not reported
 Cause of Leak: Not reported
 Leak Source: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SEARS ROEBUCK AND COMPANY (Continued)

S101296187

Date The Leak was Stopped: Not reported
 Date Confirmation Leak Began: 5/13/87
 Preliminary Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: 1/27/88
 Remediation Plan Submitted: Not reported
 Remedial Action Underway: 9/5/88
 Post Remedial Action Monitoring Began: Not reported
 Date the Case was Closed: 12/6/96
 Enforcement Action Date: Not reported
 Date Leak First Reported: 10/22/1987
 Enforcement Type: Not reported
 Global ID : T0603701273
 Cross Street: GRAMERCY PL

CORTESE:

Region: CORTESE
 Fac Address 2: 1917 ARTESIA BLVD W

**38
 NW
 1/4-1/2
 2593 ft.**

**A-ACTION RADIATOR/ I-7869
 6403 E FLORENCE AVE
 GARDENA, CA 90247**

**LOS ANGELES CO. HMS 1000399346
 Cortese N/A
 CA FID UST
 HAZNET
 LUST**

**Relative:
 Higher**

State LUST:

**Actual:
 39 ft.**

Cross Street: CERRITOS
 Qty Leaked: Not reported
 Case Number I-00167
 Reg Board: 4
 Chemical: Gasoline
 Lead Agency: Regional Board
 Local Agency : 19000
 Case Type: Other ground water affected
 Status: Case Closed
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
 Review Date: Not reported
 Workplan: 10/16/91 0:00
 Pollution Char: 11/21/91 0:00
 Remed Action: 11/21/91 0:00
 Monitoring: 4/23/92 0:00
 Close Date: 10/17/96 0:00
 Release Date: 10/22/1991
 Cleanup Fund Id : Not reported
 Discover Date : 10/21/1991
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : 12/20/91 0:00
 Funding: Federal Funds
 Staff Initials: Not reported
 How Discovered: Tank Closure
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: UNK
 Leak Source: UNK
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.

Confirm Leak: Not reported
 Prelim Assess: 10/16/91 0:00
 Remed Plan: 11/21/91 0:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

A-ACTION RADIATOR/ I-7869 (Continued)

1000399346

Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : UNK
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: SAN FERNANDO VALLEY
Operator : WARD, JIM
Oversight Prgm: LUST
Review Date : 1/24/97 0:00
Stop Date : 10/21/1991
Work Suspended :Not reported
Responsible Party:UNITED PARCEL SERVICE
RP Address: SAME AS SITE
Global Id: T0603702681
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 10/22/1991
Lead Agency: Regional Board
Local Agency: 19000
Substance: Gasoline
Case Type: Groundwater
Status: Case Closed
Region: 4
Staff: UNK
Date Case Last Changed on Database: 1/24/97
Date Leak Record Entered: 12/20/91
Historical Max MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil : Not reported
County: Los Angeles
Organization : Not reported
Regional Board: 4
Owner Contact: Not reported
Responsible Party: UNITED PARCEL SERVICE
RP Address: SAME AS SITE
Significant Interim Remedial Action Taken: Not reported
Program : LUST
Lat / Long : 34 / -118
Local Agency Staff: Not reported
Summary : 08/13/96 REQUEST FOR CLOSURE
01/24/97 WELL ABANDONMENT REPORT
Hydrologic Basin # : SAN FERNANDO VALLEY
Beneficial Use : Not reported
Priority : Not reported
Cleanup Fund Id : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

A-ACTION RADIATOR/ I-7869 (Continued)

1000399346

Suspended :	Not reported
Local Case No :	Not reported
Substance Quantity :	0
Abatement Method Used at the Site:	Excavate and Dispose
Operator :	WARD, JIM
Water System :	Not reported
Well Name :	Not reported
Approx. Dist To Production Well (ft) :	1847.333824
Assigned Name :	Not reported
Source of Cleanup Funding:	Federal Funds
Date the Leak was Discovered:	10/21/1991
How the Leak was Discovered:	Tank Closure
How the Leak was Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Date The Leak was Stopped:	10/21/91
Date Confirmation Leak Began:	Not reported
Preliminary Site Assessment Workplan Submitted:	10/10/90
Preliminary Site Assessment Began:	10/16/91
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	11/21/91
Remedial Action Underway:	11/21/91
Post Remedial Action Monitoring Began:	4/23/92
Date the Case was Closed:	10/17/96
Enforcement Action Date:	Not reported
Date Leak First Reported:	10/22/1991
Enforcement Type:	Not reported
Global ID :	T0603702681
Cross Street:	CERRITOS

HAZNET:

Gepaid:	CAD981663727
TSD EPA ID:	CAD093459485
Gen County:	Los Angeles
Tsd County:	Fresno
Tons:	.1292
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method:	Transfer Station
Contact:	UNITED PARCEL SERVICE, INC
Telephone:	(404) 828-7002
Mailing Address:	25201 PASEO DE ALICIA SUITE 200 LAGUNA HILLS, CA 92653 - 1367
County	Los Angeles
Gepaid:	CAD981663727
TSD EPA ID:	CAT080013352
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	2.2935
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Contact:	UNITED PARCEL SERVICE, INC
Telephone:	(404) 828-7002
Mailing Address:	25201 PASEO DE ALICIA SUITE 200 LAGUNA HILLS, CA 92653 - 1367
County	Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

A-ACTION RADIATOR/ I-7869 (Continued)

1000399346

Gepaid: CAD981663727
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: 0
Tons: .4170
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: UNITED PARCEL SERVICE, INC
Telephone: (404) 828-7002
Mailing Address: 25201 PASEO DE ALICIA SUITE 200
LAGUNA HILLS, CA 92653 - 1367
County Los Angeles

Gepaid: CAD981663727
TSD EPA ID: CAD981696420
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 12.2055
Waste Category: Oil/water separation sludge
Disposal Method: Transfer Station
Contact: UNITED PARCEL SERVICE, INC
Telephone: (404) 828-7002
Mailing Address: 25201 PASEO DE ALICIA SUITE 200
LAGUNA HILLS, CA 92653 - 1367
County Los Angeles

Gepaid: CAD981663727
TSD EPA ID: CAT000613935
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .4002
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: UNITED PARCEL SERVICE, INC
Telephone: (404) 828-7002
Mailing Address: 25201 PASEO DE ALICIA SUITE 200
LAGUNA HILLS, CA 92653 - 1367
County Los Angeles

The CA HAZNET database contains 8 additional records for this site.
Please click here or contact your EDR Account Executive for more information.

CORTESE:
Region: CORTESE
Fac Address 2: 17111 WESTERN AVE S

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

A-ACTION RADIATOR/ I-7869 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000399346

FID:

Facility ID:	19003340	Regulate ID:	00041384
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(213) 217-2646
Mail To:	Not reported		
	17111 S WESTERN AVE		
	GARDENA, CA 90247		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

HMS:

Facility Id:	001364-I01430		
Area:	3Y		
Facility Type:	I01		
Permit Number:	174	Permit Status:	Closed
Facility Status:	Closed		
Region:	Los Angeles County:		
Facility Id:	000166-I00167		
Area:	2B		
Facility Type:	I01		
Permit Number:	174	Permit Status:	Permit
Facility Status:	Permit		
Region:	Los Angeles County:		
Facility Id:	000166-000167		
Area:	2B		
Facility Type:	T0		
Permit Number:	174	Permit Status:	Permit
Facility Status:	Permit		
Region:	Los Angeles County:		

**J39
 WNW
 1/4-1/2
 2597 ft.**

**THEIM INDUSTRIES
 1918 ARTESIA BLVD W
 TORRANCE, CA 90504**

**Cortese S101298263
 LUST N/A**

Site 2 of 2 in cluster J

**Relative:
 Lower**

State LUST:

Cross Street:	WESTERN AVE
Qty Leaked:	Not reported
Case Number	081189-03
Reg Board:	4
Chemical:	Gasoline
Lead Agency:	Local Agency
Local Agency :	19000
Case Type:	Other ground water affected
Status:	Leak being confirmed
Review Date:	7/15/89 0:00
Workplan:	Not reported
Pollution Char:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Release Date:	07/15/1989

Confirm Leak:	7/15/89 0:00
Prelim Assess:	Not reported
Remed Plan:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

THEIM INDUSTRIES (Continued)

S101298263

Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 8/11/89 0:00
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: Corrosion
Leak Source: Piping
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : UNK
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: SAN FERNANDO VALLEY
Operator : MILLION, AL
Oversight Prgm: LUST
Review Date : 8/11/89 0:00
Stop Date : / /
Work Suspended :Not reported
Responsible Party:THEIM INDUSTRIES
RP Address: 1918 W ARTESIA BLVD, TORRANCE, 90504
Global Id: T0603700103
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 07/15/1989
Lead Agency: Local Agency
Local Agency: 19000
Substance: Gasoline
Case Type: Groundwater
Status: Leak being confirmed
Region: 4
Staff: UNK
Date Case Last Changed on Database: 8/11/89
Date Leak Record Entered: 8/11/89
Historical Max MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil : Not reported
County: Los Angeles

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

THEIM INDUSTRIES (Continued)

S101298263

Organization : Not reported
 Regional Board: 4
 Owner Contact: Not reported
 Responsible Party: THEIM INDUSTRIES
 RP Address: 1918 W ARTESIA BLVD, TORRANCE, 90504
 Significant Interim Remedial Action Taken: Not reported
 Program : LUST
 Lat / Long : 34 / -118
 Local Agency Staff: Not reported
 Summary : Not reported
 Hydrologic Basin # : SAN FERNANDO VALLEY
 Beneficial Use : Not reported
 Priority : Not reported
 Cleanup Fund Id : Not reported
 Suspended : Not reported
 Local Case No : Not reported
 Substance Quantity : 0
 Abatement Method Used at the Site: Not reported
 Operator : MILLION, AL
 Water System : Not reported
 Well Name : Not reported
 Approx. Dist To Production Well (ft) : 2515.556047
 Assigned Name : Not reported
 Source of Cleanup Funding: Not reported
 Date the Leak was Discovered: / /
 How the Leak was Discovered: Tank Closure
 How the Leak was Stopped: Not reported
 Cause of Leak: Corrosion
 Leak Source: Piping
 Date The Leak was Stopped: Not reported
 Date Confirmation Leak Began: 7/15/89
 Preliminary Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Remediation Plan Submitted: Not reported
 Remedial Action Underway: Not reported
 Post Remedial Action Monitoring Began: Not reported
 Date the Case was Closed: Not reported
 Enforcement Action Date: Not reported
 Date Leak First Reported: 07/15/1989
 Enforcement Type: Not reported
 Global ID : T0603700103
 Cross Street: WESTERN AVE

CORTESE:

Region: CORTESE
 Fac Address 2: 1918 ARTESIA BLVD W

40 INTEL LIGHT METALS CORP
SSW 19200 S WESTERN AVE
1/2-1 TORRANCE, CA 90501
5099 ft.

RCRIS-LQG 1000921589
RCRIS-TSD CAD030398622
FINDS
CORRACTS
CERC-NFRAP

Relative:
Higher

Actual:
58 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INTEL LIGHT METALS CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000921589

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Non NPL Code: DR
Ownership Status: Private

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: ARCHIVE SITE

Completed: 03/01/1991

Completed: 10/17/1991

Completed: 01/23/1996

CORRACTS Data:

EPA Id: CAD030398622
Region: 9
Area Name: OFF SITE GW CONTAMINATION INVESTIGATION
Actual Date: 09/26/2000
Corrective Action: CA150 - RFI Workplan Approved
2002 NAICS Title: Aluminum Extruded Product Manufacturing
Nonferrous Forging
Ammunition (except Small Arms) Manufacturing
42191

EPA Id: CAD030398622
Region: 9
Area Name: OFF SITE GW CONTAMINATION INVESTIGATION
Actual Date: 06/30/1998
Corrective Action: CA150 - RFI Workplan Approved
2002 NAICS Title: Aluminum Extruded Product Manufacturing
Nonferrous Forging
Ammunition (except Small Arms) Manufacturing
42191

EPA Id: CAD030398622
Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 02/07/1995
Corrective Action: CA150 - RFI Workplan Approved
2002 NAICS Title: Aluminum Extruded Product Manufacturing
Nonferrous Forging
Ammunition (except Small Arms) Manufacturing
42191

EPA Id: CAD030398622
Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 04/29/1996
Corrective Action: CA200 - RFI Approved
2002 NAICS Title: Aluminum Extruded Product Manufacturing
Nonferrous Forging
Ammunition (except Small Arms) Manufacturing
42191

EPA Id: CAD030398622
Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 03/31/1992
Corrective Action: CA225NR - Stabilization Measures Evaluation, This facility is , not amenable to stabilization activity at the, present time for reasons other than (1) it

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INTEL LIGHT METALS CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000921589

appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations

2002 NAICS Title:

Aluminum Extruded Product Manufacturing
Nonferrous Forging
Ammunition (except Small Arms) Manufacturing
42191

The CORRACTS database contains 6 additional records for this site.
Please contact your EDR Account Executive for more information.

RCRIS Corrective Action Summary:

- Event: RFI Workplan Approved
Event Date: 09/26/2000
- Event: Corrective Action Process Terminated, No Further Action
Event Date: 05/13/1999
- Event: RFI Workplan Approved
Event Date: 06/30/1998
- Event: RFA Completed
Event Date: 09/30/1996
- Event: RFI Approved
Event Date: 04/29/1996
- Event: Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control (e.g., capping, fencing, deed restrictions).
Event Date: 05/04/1995
- Event: RFI Workplan Approved
Event Date: 02/07/1995
- Event: RFI Imposition
Event Date: 01/01/1995
- Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 03/31/1992
- Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event Date: 03/31/1992
- Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 09/23/1991

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

INTEL LIGHT METALS CORP (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000921589

RCRIS:

Owner: MARTIN MARIETTA ALUMINUM
 (213) 328-0660
 EPA ID: CAD030398622
 Contact: Not reported

Classification: Large Quantity Generator, TSD
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	268 ALL
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	01/31/1990
Actual Date Achieved Compliance:	09/14/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/02/1990
Penalty Type:	Not reported
Regulation Violated:	268.7
Area of Violation:	GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined:	01/31/1990
Actual Date Achieved Compliance:	09/14/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/02/1990
Penalty Type:	Not reported
Regulation Violated:	270
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	01/31/1990
Actual Date Achieved Compliance:	09/14/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/02/1990
Penalty Type:	Not reported
Regulation Violated:	268 ALL
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	05/24/1988
Actual Date Achieved Compliance:	07/03/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/30/1989
Penalty Type:	Not reported
Regulation Violated:	268.7
Area of Violation:	GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined:	05/24/1988
Actual Date Achieved Compliance:	07/03/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/30/1989
Penalty Type:	Not reported

There are 5 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Financial Record Review	TSD-LAND BAN REQUIREMENTS	19900914
	GENERATOR-LAND BAN REQUIREMENTS	19900914
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900914

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
INTEL LIGHT METALS CORP (Continued)		
Other Evaluation	TSD-LAND BAN REQUIREMENTS	19900703
	GENERATOR-LAND BAN REQUIREMENTS	19900703

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- Biennial Reporting System (BRS)
- Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)
- National Compliance Database (NCDB)
- National Emissions Inventory (NEI)
- Resource Conservation and Recovery Act Information system (RCRAINFO)
- Toxic Chemical Release Inventory System (TRIS)

MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR	NAME	ADDRESS	CITY	ST	DIR.	DIST.	ELEV.	TYPE
------	------	---------	------	----	------	-------	-------	------

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

EDR Historical Gas Station & Dry Cleaner Search: No mapped sites were found in EDR's search of the EDR Historical Gas Station & Dry Cleaner Database within 0.250 mile of the Target Property.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GARDENA	U003938118	ARCO PRODUCTS 05964	1001 W ARTESIA BLVD	90248	UST
GARDENA	S104734416	STREET HOG INC	13122 S NORMANDIE AVE B		LOS ANGELES CO. HMS
LOS ANGELES COUNTY	S105630661		FLORENCE AVE / TELEGRAPH RD WHITTIER		CHMIRS, LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/29/04

Date Made Active at EDR: 02/27/04

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/06/04

Elapsed ASTM days: 21

Date of Last EDR Contact: 02/06/04

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-655-6659

EPA Region 8

Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 01/07/04

Date Made Active at EDR: 02/27/04

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/06/04

Elapsed ASTM days: 21

Date of Last EDR Contact: 02/06/04

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

Source: EPA

Telephone: 703-413-0223

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

Date of Government Version: 02/26/04

Date Made Active at EDR: 04/02/04

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/22/04

Elapsed ASTM days: 11

Date of Last EDR Contact: 03/22/04

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/26/04
Date Made Active at EDR: 04/02/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/22/04
Elapsed ASTM days: 11
Date of Last EDR Contact: 03/22/04

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/04
Date Made Active at EDR: 04/15/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/25/04
Elapsed ASTM days: 21
Date of Last EDR Contact: 03/08/04

RCRIS: Resource Conservation and Recovery Information System

Source: EPA
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/09/04
Date Made Active at EDR: 04/02/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/18/04
Elapsed ASTM days: 15
Date of Last EDR Contact: 01/19/04

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/03
Date Made Active at EDR: 03/12/04
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/26/04
Elapsed ASTM days: 46
Date of Last EDR Contact: 01/26/04

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/01
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices
Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Source: EPA
Telephone: 703-416-0223

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

Date of Government Version: 01/09/04
Database Release Frequency: Annually

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/29/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/06/04
Date of Next Scheduled EDR Contact: 05/01/04

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/09/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/18/03
Database Release Frequency: Annually

Date of Last EDR Contact: 01/19/04
Date of Next Scheduled EDR Contact: 04/19/04

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/15/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 03/05/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/30/04
Date of Next Scheduled EDR Contact: 06/28/04

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/12/04
Date of Next Scheduled EDR Contact: 05/24/04

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-564-3887

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/30/03
Database Release Frequency: Annually

Date of Last EDR Contact: 02/09/04
Date of Next Scheduled EDR Contact: 05/10/04

DOD: Department of Defense Sites

Source: USGS
Telephone: 703-692-8801

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/02/04
Date of Next Scheduled EDR Contact: 05/10/04

STORMWATER: Storm Water General Permits

Source: Environmental Protection Agency
Telephone: 202 564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: N/A
Database Release Frequency: Quarterly

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

INDIAN RESERV: Indian Reservations

Source: USGS
Telephone: 202-208-3710

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/02/04
Date of Next Scheduled EDR Contact: 05/10/04

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency
Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/15/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/15/04
Date of Next Scheduled EDR Contact: 06/14/04

RMP: Risk Management Plans

Source: Environmental Protection Agency
Telephone: 202-564-8600

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Database Release Frequency: N/A

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

TRIS: Toxic Chemical Release Inventory System

Source: EPA
Telephone: 202-566-0250

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 03/23/04
Date of Next Scheduled EDR Contact: 06/21/04

TSCA: Toxic Substances Control Act

Source: EPA
Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 03/05/04
Date of Next Scheduled EDR Contact: 06/07/04

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA
Telephone: 202-564-2501

Date of Government Version: 01/21/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/04
Date of Next Scheduled EDR Contact: 06/21/04

SSTS: Section 7 Tracking Systems

Source: EPA
Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 01/19/04
Date of Next Scheduled EDR Contact: 04/19/04

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/30/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/04
Date of Next Scheduled EDR Contact: 06/21/04

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Source: California Environmental Protection Agency
Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 03/02/04
Date Made Active at EDR: 03/24/04
Database Release Frequency: Annually

Date of Data Arrival at EDR: 03/03/04
Elapsed ASTM days: 21
Date of Last EDR Contact: 03/03/04

CAL-SITES: Calsites Database

Source: Department of Toxic Substance Control
Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 03/02/04
Date Made Active at EDR: 03/24/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/03/04
Elapsed ASTM days: 21
Date of Last EDR Contact: 03/03/04

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services
Telephone: 916-845-8400

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/02
Date Made Active at EDR: 08/07/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/11/03
Elapsed ASTM days: 27
Date of Last EDR Contact: 02/23/04

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/01
Date Made Active at EDR: 07/26/01
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 58
Date of Last EDR Contact: 01/29/04

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board
Telephone: 916-445-3846

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 01/19/04

TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board
Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 02/02/04

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board
Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/15/04
Date Made Active at EDR: 04/14/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/17/04
Elapsed ASTM days: 28
Date of Last EDR Contact: 03/16/04

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board
Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 03/11/04

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board
Telephone: 916-341-5740

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/04/04
Date Made Active at EDR: 03/31/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/04/04
Elapsed ASTM days: 27
Date of Last EDR Contact: 04/13/04

CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services
Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities

Source: SWRCB
Telephone: 916-341-5700

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/04/04
Date Made Active at EDR: 04/06/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/04/04
Elapsed ASTM days: 33
Date of Last EDR Contact: 04/13/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/02/04

Date Made Active at EDR: 03/24/04

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/03/04

Elapsed ASTM days: 21

Date of Last EDR Contact: 03/03/04

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

Source: Environmental Protection Agency

Telephone: 415-972-3372

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/09/04

Date Made Active at EDR: 03/01/04

Database Release Frequency: Varies

Date of Data Arrival at EDR: 02/10/04

Elapsed ASTM days: 20

Date of Last EDR Contact: 01/27/04

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

Source: EPA Region 10

Telephone: 206-553-2857

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 03/11/04

Date Made Active at EDR: 03/31/04

Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/12/04

Elapsed ASTM days: 19

Date of Last EDR Contact: 01/27/04

INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 9

Telephone: 415-972-3368

Date of Government Version: 02/25/04

Date Made Active at EDR: 03/24/04

Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/01/04

Elapsed ASTM days: 23

Date of Last EDR Contact: 02/23/04

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency

Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94

Date Made Active at EDR: 09/29/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95

Elapsed ASTM days: 24

Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board

Telephone: 916-341-5700

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90

Date Made Active at EDR: 02/12/91

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91

Elapsed ASTM days: 18

Date of Last EDR Contact: 07/26/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board

Telephone: 916-341-5712

Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/02/04

Date of Next Scheduled EDR Contact: 05/01/04

CLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control

Telephone: 916-225-0873

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes:

power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/09/04

Database Release Frequency: Annually

Date of Last EDR Contact: 04/05/04

Date of Next Scheduled EDR Contact: 07/05/04

CA WDS: Waste Discharge System

Source: State Water Resources Control Board

Telephone: 916-341-5227

Sites which have been issued waste discharge requirements.

Date of Government Version: 04/05/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/04

Date of Next Scheduled EDR Contact: 06/21/04

DEED: List of Deed Restrictions

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 01/05/04

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/06/04

Date of Next Scheduled EDR Contact: 07/05/04

NFA: No Further Action Determination

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 03/02/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/04

Date of Next Scheduled EDR Contact: 05/31/04

EMI: Emissions Inventory Data

Source: California Air Resources Board

Telephone: 916-322-2990

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/01

Database Release Frequency: Varies

Date of Last EDR Contact: 01/23/04

Date of Next Scheduled EDR Contact: 04/19/04

REF: Unconfirmed Properties Referred to Another Agency

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/02/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/04
Date of Next Scheduled EDR Contact: 05/31/04

SCH: School Property Evaluation Program

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 03/02/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/04
Date of Next Scheduled EDR Contact: 05/31/04

NFE: Properties Needing Further Evaluation

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 03/02/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/04
Date of Next Scheduled EDR Contact: 05/31/04

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency
Telephone: 916-255-1136

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 02/09/04
Date of Next Scheduled EDR Contact: 05/10/04

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 12/09/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/09/03
Date of Next Scheduled EDR Contact: 04/26/04

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 12/09/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/09/03
Date of Next Scheduled EDR Contact: 04/26/04

CONTRA COSTA COUNTY:

Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

FRESNO COUNTY:

CUPA Resources List

Source: Dept. of Community Health
Telephone: 559-445-3271

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/14/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/15/04
Date of Next Scheduled EDR Contact: 05/10/04

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 01/27/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 06/03/03
Database Release Frequency: Varies

Date of Last EDR Contact: 02/20/04
Date of Next Scheduled EDR Contact: 05/17/04

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department
Telephone: 310-524-2236

Date of Government Version: 03/01/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/16/04
Date of Next Scheduled EDR Contact: 05/17/04

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 03/28/03
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 02/17/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/16/04
Date of Next Scheduled EDR Contact: 05/17/04

City of Los Angeles Landfills

Source: Engineering & Construction Division
Telephone: 213-473-7869

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/30/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/17/03
Date of Next Scheduled EDR Contact: 02/16/04

Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/26/04
Database Release Frequency: Annually

Date of Last EDR Contact: 02/16/04
Date of Next Scheduled EDR Contact: 05/17/04

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 02/10/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/02/04
Date of Next Scheduled EDR Contact: 05/01/04

NAPA COUNTY:

Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 03/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/29/04
Date of Next Scheduled EDR Contact: 06/28/04

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/02/03
Database Release Frequency: Annually

Date of Last EDR Contact: 03/29/04
Date of Next Scheduled EDR Contact: 06/28/04

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

List of Underground Storage Tank Facilities

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/01/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 03/01/04
Database Release Frequency: Annually

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/17/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/17/04
Date of Next Scheduled EDR Contact: 06/21/04

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 12/23/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/19/04
Date of Next Scheduled EDR Contact: 04/19/04

Underground Storage Tank Tank List

Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 12/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/19/04
Date of Next Scheduled EDR Contact: 04/19/04

SACRAMENTO COUNTY:

CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 01/29/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/02/04
Date of Next Scheduled EDR Contact: 05/01/04

ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/03/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/02/04
Date of Next Scheduled EDR Contact: 05/01/04

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 01/08/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 10/31/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/04
Date of Next Scheduled EDR Contact: 07/05/04

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 03/08/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 03/08/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 01/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/12/04
Date of Next Scheduled EDR Contact: 07/12/04

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/07/04
Database Release Frequency: Annually

Date of Last EDR Contact: 03/02/04
Date of Next Scheduled EDR Contact: 07/12/04

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 12/31/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/30/04
Date of Next Scheduled EDR Contact: 06/28/04

Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 10/01/03
Database Release Frequency: Annually

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

SOLANO COUNTY:

Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 03/18/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/15/04
Date of Next Scheduled EDR Contact: 06/14/04

Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 03/18/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/15/04
Date of Next Scheduled EDR Contact: 06/14/04

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 01/26/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/26/04
Date of Next Scheduled EDR Contact: 04/26/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SUTTER COUNTY:

Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 01/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 09/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 12/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

Underground Tank Closed Sites List

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/15/04
Date of Next Scheduled EDR Contact: 07/12/04

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 02/26/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 01/27/04
Database Release Frequency: Annually

Date of Last EDR Contact: 01/19/04
Date of Next Scheduled EDR Contact: 04/19/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 01/21/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/12/04
Date of Next Scheduled EDR Contact: 07/12/04

LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/16/04
Date of Next Scheduled EDR Contact: 05/17/04

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/10/04
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 01/01/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/04
Date of Next Scheduled EDR Contact: 07/05/04

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 01/21/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/26/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/26/04
Date of Next Scheduled EDR Contact: 06/28/04

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 01/12/04
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/08/04
Date of Next Scheduled EDR Contact: 05/10/04

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/19/04
Date of Next Scheduled EDR Contact: 04/19/04

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/12/04
Date of Next Scheduled EDR Contact: 07/12/04

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/16/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/16/04
Date of Next Scheduled EDR Contact: 05/17/04

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 01/28/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/26/04
Date of Next Scheduled EDR Contact: 04/26/04

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/08/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

SLIC REG 6L: SLIC Sites

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574

Date of Government Version: 03/09/04
Database Release Frequency: Varies

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 01/01/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

SLIC REG 7: SLIC List

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491

Date of Government Version: 02/27/04
Database Release Frequency: Varies

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 04/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/04
Date of Next Scheduled EDR Contact: 07/05/04

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 12/01/03
Database Release Frequency: Annually

Date of Last EDR Contact: 12/01/03
Date of Next Scheduled EDR Contact: 03/04/04

EDR PROPRIETARY HISTORICAL DATABASES

EDR Historical Gas Station and Dry Cleaners: EDR has searched select national collections of business directories and has collected listings of potential dry cleaner and gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning and gas station/filling station/service station establishments. The categories reviewed included, but were not limited to: *gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash & dry, etc.*

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full historical investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

(A note on "dry cleaning" sites: it is not possible for EDR to differentiate between establishments that use PERC on-site as a cleaning solvent and sites that function simply as drop-off and pick-up locations or that are traditional wet cleaning/laundry facilities. Therefore, it is essential for environmental professionals to incorporate professional judgment in the evaluation of each site.)

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASES

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/02/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/04

Date of Next Scheduled EDR Contact: 05/31/04

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency

Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: N/A

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A

Date of Next Scheduled EDR Contact: N/A

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

178TH STREET
1515 WEST 178TH STREET
GARDENA, CA 90248

TARGET PROPERTY COORDINATES

Latitude (North):	33.869900 - 33° 52' 11.6"
Longitude (West):	118.303902 - 118° 18' 14.0"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	379397.7
UTM Y (Meters):	3748301.8
Elevation:	34 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

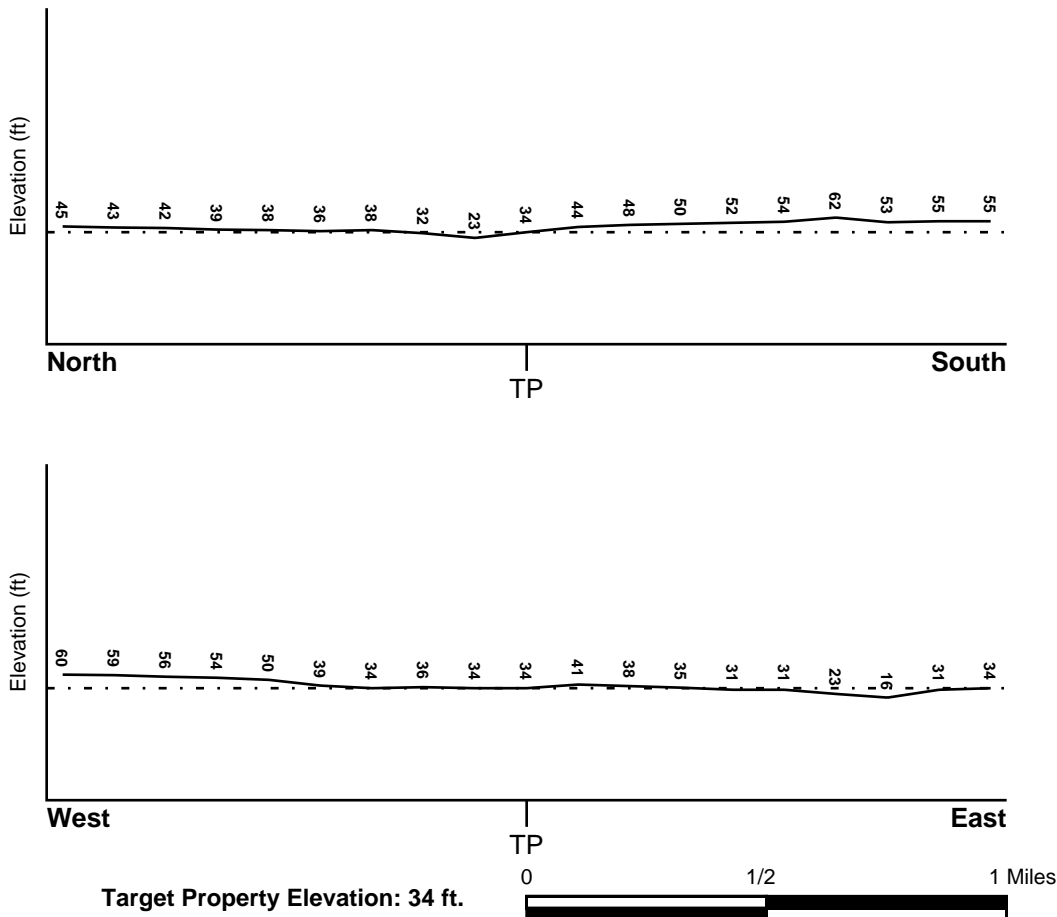
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 33118-G3 TORRANCE, CA
 General Topographic Gradient: General North
 Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	FEMA Flood
LOS ANGELES, CA	<u>Electronic Data</u>
	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0601190000A

Additional Panels in search area:

- 0601370099C
- 0601650001B
- 0601370100C
- 0650430920B
- 0650431010B
- 0601370101C
- 0601650003B

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	NWI Electronic
TORRANCE	<u>Data Coverage</u>
	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	0 - 1/8 Mile SE
Site Name:	BEE CHEMICAL CO
Site EPA ID Number:	CAD082183344
Groundwater Flow Direction:	East
Measured Depth to Water:	40 feet.
Hydraulic Connection:	The Bellflower aquiclude is present at a depth of 45 feet and separates the near-surface semi-perched and underlying aquifers. However, there appears to be an interconnection between the semi-perched and lower aquifers in the site vicinity.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
 System: Quaternary
 Series: Quaternary
 Code: Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam
gravelly - sandy loam
silt loam
clay
sand
gravelly - sand
fine sandy loam
fine sand

Surficial Soil Types: sandy loam
gravelly - sandy loam
silt loam
clay
sand
gravelly - sand
fine sandy loam
fine sand

Shallow Soil Types: fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
sand
silty clay

Deeper Soil Types: gravelly - sandy loam
sandy loam
stratified
very gravelly - sandy loam
weathered bedrock
silty clay loam
gravelly - fine sandy loam
clay loam
sand
very fine sandy loam

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal FRDS PWS	Nearest PWS within 1 mile

FEDERAL USGS WELL INFORMATION

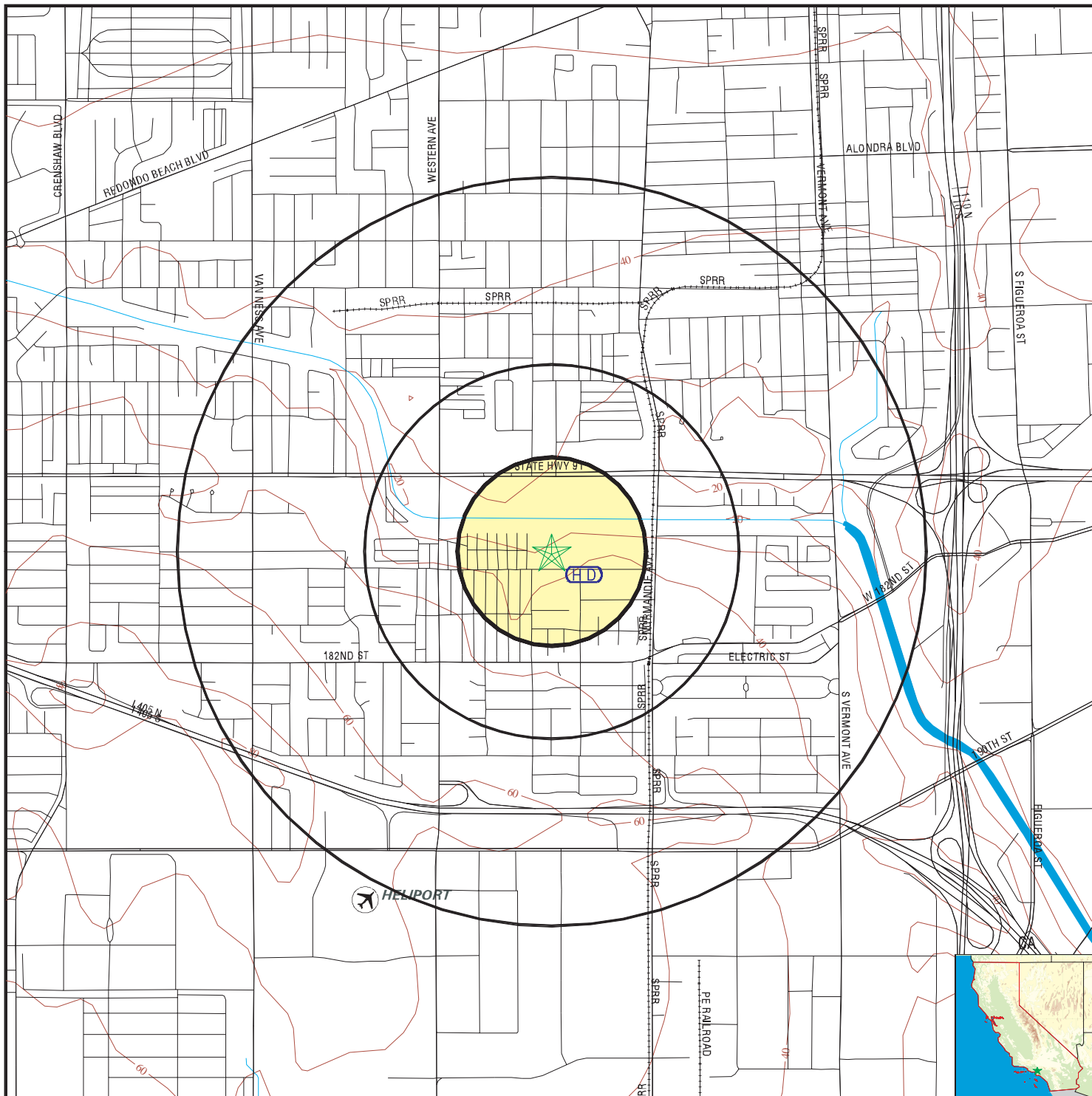
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

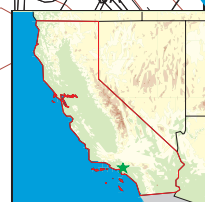
Note: PWS System location is not always the same as well location.

PHYSICAL SETTING SOURCE MAP - 1173617.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



TARGET PROPERTY: 178th Street
ADDRESS: 1515 West 178th Street
CITY/STATE/ZIP: Gardena CA 90248
LAT/LONG: 33.8699 / 118.3039

CUSTOMER: SECOR International, Inc.
CONTACT: Sara Mulholland
INQUIRY #: 1173617.2s
DATE: April 20, 2004 2:54 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
90248	2	0	0.00

Federal EPA Radon Zone for LOS ANGELES County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

**APPENDIX C
AERIAL PHOTOGRAPHS**

Environmental Data Resources, Inc.

Aerial Photography Print Service

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires "*All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful.*" (ASTM E 1527-00, Section 7.3.2, page 12.)

Aerial Photographs

California aerials delivered via e-mail and in JPEG format are for ONE TIME USE ONLY. Further reproduction of these aerial images are prohibited without permission from EDR. When applicable.

Aerial photographs are a valuable historical resource for documenting past land use and can be particularly helpful when other historical sources (such as city directories or fire insurance maps) are not reasonably ascertainable. The EDR Aerial Photograph Print Service includes a search of local aerial photograph collections flown by public and private agencies for the state of California. EDR's professional field-based researchers provide digitally reproduced historical aerial photographs at ten year intervals.

Please call Environmental Data Resources, Inc. Nationwide Customer Service at
1-800-352-0050 (8am-8pm ET)
with questions or comments about your report.
Thank you for your business!

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APPENDIX E
CITY DIRECTORY



EDR™ Environmental
Data Resources Inc

The EDR-City Directory
Abstract

**178th Street
1515 West 178th Street
Gardena, CA 90248**

April 19, 2004

Inquiry Number: 1173617-7

**The Standard
In Environmental
Risk Management
Information**

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Environmental Data Resources, Inc.

City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2, page 12.)

EDR's City Directory Abstract includes a search and abstract of available city directory data.

City Directories

City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527-00 specifies that a *"review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice."* (ASTM E 1527-00, Section 7.3.2.1, page 12.)

NAICS (North American Industry Classification System) Codes

NAICS is a unique, all-new system for classifying business establishments. Adopted in 1997 to replace the prior Standard Industry Classification (SIC) system, it is the system used by the statistical agencies of the United States. It is the first economic classification system to be constructed based on a single economic concept. To learn more about the background, the development and difference between NAICS and SIC, visit the following Census website: <http://www.census.gov/epcd/www/naicsdev.htm>.

Please call EDR Nationwide Customer Service at
1-800-352-0050 (8am-8pm EST)
with questions or comments about your report.
Thank you for your business!

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4. SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2003. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/8 of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

APPENDIX D
HISTORICAL TOPOGRAPHIC MAPS

Date EDR Searched Historical Sources:

Target Property:
1515 West 178th Street
Gardena, CA 90248

<u>PUR ID</u>			
<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
--1920	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1921	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1923	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1924	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1925	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1926	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1927	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1928	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1929	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1930	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1931	Address not Listed in Research Source	N/A	Los Angeles Directory Company Publishers
--1932	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1933	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1934	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1935	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1936	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1937	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1938	Address not Listed in Research Source	N/A	Los Angeles Directory Company Publishers
--1939	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1940	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1942	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1944	Address not Listed in Research Source	N/A	R. L. Polk & Co.
--1945	Address not Listed in Research Source	N/A	R. L. Polk & Co.
--1946	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--1947	Address not Listed in Research Source	N/A	Pacific Directory Co.
--1948	Address not Listed in Research Source	N/A	Los Angeles Directory Co.

<u>PUR ID</u>	<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
--	1949	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--	1950	Address not Listed in Research Source	N/A	Pacific Telephone
--	1951	Address not Listed in Research Source	N/A	Los Angeles Directory Co Publishers
--	1952	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
--	1954	Address not Listed in Research Source	N/A	R. L. Polk & Co.
--	1955	Address not Listed in Research Source	N/A	R. L. Polk & Co.
--	1956	Address not Listed in Research Source	N/A	Pacific Telephone
--	1957	Address not Listed in Research Source	N/A	Pacific Telephone
--	1958	Address not Listed in Research Source	N/A	Pacific Telephone
--	1960	Address not Listed in Research Source	N/A	Pacific Telephone
--	1961	Address not Listed in Research Source	N/A	R. L. Polk & Co.
--	1962	GLOBE ILLUMINATION CO (1515)		Pacific Telephone
--	1963	Address not Listed in Research Source	N/A	Pacific Telephone
--	1964	Address not Listed in Research Source	N/A	Pacific Telephone
--	1965	Address not Listed in Research Source	N/A	GTE
--	1966	Address not Listed in Research Source	N/A	Pacific Telephone
--	1967	GLOBE ILLUMINATION COMPANY (1515)		R. L. Polk & Co.
--	1969	Address not Listed in Research Source	N/A	Pacific Telephone
--	1970	GLOBE ILLUMINATION COMPANY (1515)		R. L. POLK & CO.
--	1971	GLOBE ILLUMINATION COMPANY (1515)		Pacific Telephone
--	1972	Address not Listed in Research Source	N/A	R. L. Polk & Co.
--	1975	GLOBE ILLUMINATION CO (1515)		Pacific Telephone
--	1976	GLOBE ILLUMINATION COMPANY (1515)		Pacific Telephone
--	1980	GLOBE ILLUMINATION CO (1515) PETAINER INC (1515)		Pacific Telephone
--	1981	PETAINER INC GARDENA (1515)		Pacific Telephone

<u>PUR ID</u>	<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
--	1985	GLOBE ILLUMINATION CO (1515)		Pacific Bell
--	1986	GLOBE ILLUMINATION COMPANY GARDENA (1515)		Pacific Bell
--	1990	MALCO CO (1515)		Pacific Bell
--	1991	Address not Listed in Research Source	N/A	Pacific Bell
--	1995	ORTHO MATTRESS INC GARDENA (1515) ORTHO MATTRESS INC (1515) ORTHO MATTRESS INC (1515)		Pacific Bell
--	1996	Address not Listed in Research Source	N/A	GTE
--	2000	Address not Listed in Research Source	N/A	Haines & Company
--	2001	Address not Listed in Research Source	N/A	Haines & Company, Inc.
--	2003	Address not Listed in Research Source	N/A	Haines & Company

Adjoining Properties

SURROUNDING

Multiple Addresses
Gardena, CA 90248

<u>PUR ID</u>	<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
	1920	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1921	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1923	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1924	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1925	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1926	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1927	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1928	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1929	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1930	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1931	Address not Listed in Research Source	N/A	Los Angeles Directory Company Publishers
	1932	Address not Listed in Research Source	N/A	Los Angeles Directory Co.

<u>PUR ID</u>	<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
	1933	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1934	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1935	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1936	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1937	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1938	Address not Listed in Research Source	N/A	Los Angeles Directory Company Publishers
	1939	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1940	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1942	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1944	Address not Listed in Research Source	N/A	R. L. Polk & Co.
	1945	Address not Listed in Research Source	N/A	R. L. Polk & Co.
	1946	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1947	Address not Listed in Research Source	N/A	Pacific Directory Co.
	1948	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1949	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1950	<u>** W 179TH ST Addresses **</u> Residence (1457) Residence (1458) Residence (1464) <u>** W 178TH ST Addresses **</u> Residence (1446) Residence (1472) Residence (1488)		Pacific Telephone
	1951	Address not Listed in Research Source	N/A	Los Angeles Directory Co Publishers
	1952	Address not Listed in Research Source	N/A	Los Angeles Directory Co.
	1954	<u>** W 179TH ST Addresses **</u> BRADBURY FRANKLIN D (1457) COX KENNELS (1458) GUNTER W A (1469) ALLEN JAS E (1473) NOONE ROBT (1482) ERSON SIGURD H (1491)		R. L. Polk & Co.

<u>PUR ID</u>	<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
	1954 (continued)	<u>** W 178TH ST Addresses **</u>		
		MILLARD W R (1446)		
		PARSONS LV MRS (1472)		
	1955	Address not Listed in Research Source	N/A	R. L. Polk & Co.
	1956	Address not Listed in Research Source	N/A	Pacific Telephone
	1957	<u>** W 179TH ST Addresses **</u>		Pacific Telephone
		BRADBURY FRANKLIN D (1457)		
		WHITTANG TED (1464)		
		FANTI ALFRED (1465)		
		GUNTER W A (1469)		
		ALIEN JAS E (1473)		
		CREMO ALBERT L (1478)		
		CREMO SANDRA J (1478)		
		ROBISON CHAS O (1482)		
		STPARMAN LOYD C (1485)		
		TANIHARA SAM (1490)		
		GALLIAM GENE H (1491)		
		GRAY HOWARD (1496)		
		<u>** W 178TH ST Addresses **</u>		
		ALLISON DAROLD (1462)		
		DECKERT HOWARD L (1464)		
	1958	<u>** W 179TH ST Addresses **</u>		Pacific Telephone
		BRADBURY FRANKLIN D (1457)		
		<u>** EVELYN ST Addresses **</u>		
		WIDMAN GEO D INC SHEET MTL ERECTION (17823)		
	1960	<u>** S DENKER AVE Addresses **</u>		Pacific Telephone
		NEEDHAM JOHN L (17815)		
		FRASER J WARREN GARDENA (17823)		
		<u>** W 179TH ST Addresses **</u>		
		SWEENEY ROBT (1457)		
		WHITTING TED (1464)		
		FANTI ALFRED DUMP TRUCK SERV (1465)		
		GUNTER W A (1469)		
		ALLEN JAS E GARDENA (1473)		
		NODA NURSERY (1478)		
		SMITH GERALD L (1481)		
		ROBISON CHAS D (1482)		
		STEARMAN LOYD C (1485)		

<u>PUR ID</u>	<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1960	(continued)	GRAY HOWARD (1496)		
		** DENKER AVE Addresses **		
		KELLY THOS H (17819)		
		PEACE FRANKIE (17827)		
		ROBINSON ROBBIE M (17827)		
		** W 178TH ST Addresses **		
		YAMAGUCHI JIM H (1446)		
		DIEDRICH MATT (1460)		
		WATSON JOE M (1464)		
		SHEFFIELD LOUISE A (1472)		
		JIMCO PLUMBING CO (1488)		
1961		Address not Listed in Research Source	N/A	R. L. Polk & Co.
1962		** W 179TH PL Addresses **		Pacific Telephone
		ISHIZAKI WALLACE (1518)		
		** W 179TH Addresses **		
		FANTI ALFRED DUMP TRUCK SERV (1465)		
		** EVELYN Addresses **		
		WIDMAN GEO D IMC SHEET MTL ERECTION (17823)		
		** W 178TH Addresses **		
		METRO MINERALS (1447)		
		MILLIGAN ROOFING CO (1501)		
		DURKEE TESTING LABS MTL & PLASTCS (1520)		
1963		Address not Listed in Research Source	N/A	Pacific Telephone
1964		** S DENKER AVE Addresses **		Pacific Telephone
		WARREN AUTOMATIC EQUIPT CO (17823)		
		** W 179TH ST Addresses **		
		BROWN NED H REV (1457)		
		FANTI ALFRED (1465)		
		FANTI MARY (1465)		
		TAWA KATSUMI MD (1476)		
		SERIZAWA IWAN (1478)		
		MURPHY DRAFTING SERV (1481)		
		ROBISON CHAS D (1482)		
		FONTANA JACQUELINE (1485)		
		FONTANA JOHN DEE (1485)		
		STEARMAN LOYD C (1485)		
		TILEY BARBARA K (1491)		
		TILEY JERRY (1491)		
		GRAY NORMA K (1496)		

<u>PUR ID</u>	<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
	1964 (continued)	<u>** DENKER AVE Addresses **</u>		
		NICHOLS GEO F (17815)		
		KEPNER MFG CO (17827)		
		KEPNER ROSS KEPNER MFG CO (17827)		
		<u>** W 178TH ST Addresses **</u>		
		YAMAGUCHI JIM H (1446)		
		METRO MINERALS (1447)		
		COONCE JESSIE (1488)		
		COONCE WM F (1488)		
		BEE CHEMICAL CO (1500)		
		MILLIGAN ROOFING CO (1501)		
		DURKEE TESTING LABS MTL & PLASTCS (1520)		
		BRUCE INDUSTRIES INC (1528)		
	1965	<u>** W 178TH ST Addresses **</u>		GTE
		BRUCE INDUSTRIES INC (1528)		
	1966	<u>** W 17TH PL Addresses **</u>		Pacific Telephone
		BRUCE INDUSTRIES INC (1528)		
	1967	<u>** W 179TH ST Addresses **</u>		R. L. Polk & Co.
		WHITTING TED (1464)		
		<u>** EVELYN Addresses **</u>		
		WIDMAN GEO D INC SHEET MTL ERECTION (17823)		
		GARDENA METAL PARTS CORP (17903)		
		<u>** W 178TH ST Addresses **</u>		
		METRO MINERALS (1447)		
		BEE CHEMICAL CO (1500)		
		GILMORE & NOLAN INC (1500)		
		DOUGHTYS SHEET METAL (1501)		
		MILLIGAN ROOFING CO (1501)		
		NIKOLA H C ASSOCIATES INC (1520)		
		AERO INDUSTRIES INC (1528)		
		BRUCE INDUSTRIES INC (1528)		
	1969	Address not Listed in Research Source	N/A	Pacific Telephone
	1970	<u>** W 178TH ST Addresses **</u>		R. L. POLK & CO.
		BRUCE INDUSTRIES INC (1528)		
		BRUCE INDUSTRIES INC (1528)		
		<u>** W 179TH ST Addresses **</u>		
		ALLEN JAS E (1473)		

PUR ID**Year Uses****NAICS****Source**

1970 (continued)

MORITA TOICHLRO (1476)

SERIZAWA IWAO (1478)

ROBERTSON A J (1481)

SIMS GORDON VICTOR (1481)

CHASE C D JR (1482)

FOWLER ERNEST H JR (1485)

MCKENZIE LYLE K (1485)

STEARMAN LOYD C (1485)

GRAY N K (1496)

HENDERSON RONALD (1512)

**** DENKER AVE Addresses ****

GUY S AUTO REPAIR (17805)

NIKOBAR DACHSHUNDS (17815)

MARLORAIN SCOTTIE S (17819)

MELEKOV MARTHA PUB ACCT (17819)

LI-JAN SHEPHERDS (17823)

KEPNER MFG CO (17827)

KEPNER ROSS KEPNER MFG CO (17827)

**** EVELYN AVE Addresses ****

SLOAN JAS A (17820)

FROOM ROBT D (17826)

BARDWELL CECIL L (17832)

REAUME S REPAIR SERVICE (17833)

IMAGINETICS (17903)

KAMIMURA KENNETH (17907)

MATSUMOTO NORMAN Y (17907)

DUSABLON SUZI (17915)

DUSABLON WM F (17915)

BONS MIKE (17917)

LYLE NED L (17919)

CROSIER R E (17928)

HARLOW ERNIE H (17929)

**** W 178TH ST Addresses ****

KELLY CHAS (1460)

CHANCE PETER (1464)

GUNTER TIMOTHY D (1472)

STEREO TAPE CLUB OF AMERICA (1480)

BEE CHEMICAL CO (1500)

GILMORE & NOLAN DIV OF BEE CHEMICAL CO (1500)

DURKEE TESTING LABS MTL & PLASTCS (1520)

DUROGENIC INS (1520)

BRUCE INDUSTRIES INC (1528)

PUR ID**Year Uses****NAICS****Source**

1970 (continued)

BRUCE INDUSTRIES INC (1528)

1971 **** W 179TH PL Addresses ****

NISHIOKA THOS (1525)

**** EVELYN Addresses ****

WIDMAN GEO D INC SHEET METL ERECTION (17823)

WIDMAN R C & ASSOCIATES (17823)

DUSABLON SUZI (17915)

**** W 178TH Addresses ****

METRO MINERALS (1447)

STEREO TAPE CLUB OF AMERICA (1480)

BEE CHEMICAL CO (1500)

EMCO METAL FINISHING DIV OF BEE CHEMIC (1500)

GILMORE & NOLAN DIV OF BEE CHEMICAL CO (1500)

DURKEE TESTING LABS METL & PLASTCS (1520)

BRUCE INDUSTRIES INC AIRCRFT LIGHTNG (1528)

Pacific Telephone

1972 Address not Listed in Research Source

N/A

R. L. Polk & Co.

1975 **** W 17TH PL Addresses ****

BRUCE INDUSTRIES INC AIRCRFT LIGHTNG (1528)

**** S DENKER AVE Addresses ****

NIKOBAR DACHSHUNDS (17815)

**** W 179TH ST Addresses ****

AIKIDO YOSHINKAL OF CALIF (1457)

GARDENA-TORRANCE SOUTHERN BAPTIST CHUR (1457)

COTTER DANA (1464)

NOMURA GREG Y (1464)

ALLEN JAS E (1473)

MORITA TOICHIRO (1476)

GALLEGOS CLAUDIO (1481)

GARCIA M J (1481)

NAKANISHI RAY (1481)

CHASE C D JR (1482)

MCKENZIE LYLE K (1485)

MASHBURN RAYMOND JR (1491)

**** DENKER AVE Addresses ****

GUY S AUTO REPAIR (17805)

MARLORAIN-SCOTTIES (17819)

MELEKOV MARTHA PUB ACCT (17819)

LI-JAN SHEPHERDS (17823)

KEPNER MANUFACTURING COMPANY (17827)

Pacific Telephone

<u>PUR ID</u>	<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
	1975 (continued)			
		KEPNER ROSS KEPNER MANUFACTURING COMPA (17827)		
		<u>** W 178TH ST Addresses **</u>		
		BLANKENSHIP C E (1446)		
		ISHIMOTO TRADING CO (1468)		
		BEE CHEMICAL (1500)		
		BEE CHEMICAL CO (1500)		
		DURKEE TESTING LABS METL & PLASTCS (1520)		
		DUROGENIC JNC (1520)		
		BRUCE INDUSTRIES INC AIRCRFT LIGHTNG (1528)		
	1976	<u>** W 179TH PL Addresses **</u>		Pacific Telephone
		NISHIOKA THOS (1525)		
		<u>** DENKER AVE Addresses **</u>		
		LI JAN SHEPHERDS (17823)		
		<u>** EVELYN AVE Addresses **</u>		
		WIDMAN GEO D INC SHEET METL ERECTION (17823)		
		<u>** EVELYN ST Addresses **</u>		
		UYEDA JIMMIE N (17910)		
		<u>** W 178TH ST Addresses **</u>		
		ISHIMOTO TRADING CO (1468)		
		TIME ZERO LABORATORIES OF BALL BROTHER (1488)		
		BEE CHEMICAL CO (1500)		
		DURKEE TESTING LABS METL & PLASTCS (1520)		
		BRUCE INDUSTRIES INC AIRCRFT LIGHTNG (1528)		
	1980	<u>** W 179TH ST Addresses **</u>		Pacific Telephone
		GARDENA TORRANCE SOUTHERN BAPTIST CHUR (1457)		
		GIFFIN KAI (1464)		
		ALLEN JAS E (1473)		
		MORITA TOICHIRO (1476)		
		BIERE C GARDENA (1481)		
		GRAHAM DENNIS (1481)		
		<u>** DENKER AVE Addresses **</u>		
		NIKOBAR DACHSHUNDS (17815)		
		ART NUNNALLY (17823)		
		LI-JAN KENNELS GARDENA (17823)		
		KEPNER MANUFACTURING COMPANY (17827)		
		KEPNER ROSS KEPNER MANUFACTURING COMPA (17827)		
		<u>** W 178TH ST Addresses **</u>		
		KENCOR SPORTS INC (1444)		
		MACHLETT LABORATORIES (1448)		
		CUTTERS UNLIMITED CO (1468)		

PUR ID**Year Uses****NAICS****Source**

1980 (continued)

ISHIMOTO TRADING CO (1472)
 BALL AEROSPACE SYSTEMS DIVISION WESTER (1488)
 BEE CHEMICAL (1500)
 BEE CHEMICAL CO (1500)
 DURKEE TESTING LABS MATL A PLASTCS (1520)
 DUROGENIC INC (1520)
 BRUCE INDUSTRIES INC AIRCRFT LIGHTNG (1528)

1981

**** W 179TH PL Addresses ****

ISOBE DAVID GARDENA (1537)

Pacific Telephone

**** DENKER AVE Addresses ****

LI-JAN SHEPHERDS GARDENA (17823)

**** EVELYN AVE Addresses ****

WIDMAN GEO D INC SHEET METL ERECTION (17823)

UYEDA JIMMIE N GARDENA (17910)

**** W 178TH Addresses ****

ISHIMOTO TRADING CO GARDENA (1472)

BEE CHEMICAL CO GARDENA (1500)

DURKEE TESTING LABS METL & PLASTCS (1520)

BRUCE INDUSTRIES INC AIRCRFT LIGHTING (1528)

1985

**** W 179TH ST Addresses ****

GARDENA TORRANCE SOUTHERN BAPTIST CHUR (1457)

Pacific Bell

L A CRENSHAW BAPTIST CHURCH (1457)

TAGUCHI SHUITSU (1464)

HONDA W T (1465)

YIP GARY (1465)

GRAHAM JAS H (1473)

SHIOTA ROLAND & DEBORAH (1476)

TOYOMOTO CURLY (1476)

GRAHAM DENNIS (1481)

LEE WM C (1481)

LEEUWEN MARGARET VAN (1481)

MURAKAMI LESLIE (1481)

REAMES P C (1482)

**** DENKER AVE Addresses ****

NIKOBAR DACHSHUNDS (17815)

JOHNSTON JOSEPH R (17819)

LI JAN KENNELS (17823)

THREE BEARS PET SUPPLIES (17823)

KEPNER MANUFACTURING COMPANY (17827)

KEPNER MARLOWE (17827)

PUR ID

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1985 (continued)	KEPNER ROSS KEPNER MANUFACTURING COMPA (17827)		
	** W 178TH ST Addresses **		
	ROYAL HOUSEHOLD PRODUCTS INC (1444)		
	S & T TRADERS (1446)		
	MACHIETT LABORATORIES (1448)		
	RAYTHEON CO (1448)		
	CENTURY FINANCIAL SERVICES INC (1468)		
	ROTARY TECHNOLOGIES CORP (1468)		
	ISHIMOTO TRADING CO (1472)		
	POWER COMPONENTS (1480)		
	VANGUARD ELECTRONICS CO (1480)		
	BEE CHEMICAL (1500)		
	BEE CHEMICAL CO (1500)		
	DURKEE TESTING LABS MELT & PLASTCS (1520)		
	DUROGENIC INC GARDENA (1520)		
1986	** EVELYN AVE Addresses **		Pacific Bell
	WIDMAN GEO D INC SHEET METL ERECTION (17823)		
	GARDENA METAL PARTS GARDENA (17833)		
	UYEDA JIMMIE N GARDENA (17910)		
	NITAKE ALAN GARDENA (17928)		
	** W 178TH Addresses **		
	ISHIMOTO TRADING CO GARDENS (1472)		
	DURKE TESTING LABS METL & PLASTCS G (1520)		
1990	** W 179TH PL Addresses **		Pacific Bell
	ISOBE DAVID GARDENA (1537)		
	** W 179TH Addresses **		
	COLEMAN KELLEY (1538 1/2)		
	** DENKER AVE Addresses **		
	LI-JAN SHEPHERDS GARDENA (17823)		
	** EVELYN AVE Addresses **		
	WIDMAN GEO D INC SHEET METL ERECTION (17823)		
	GARDENA METAL PARTS GARDENA (17833)		
	** W 178TH Addresses **		
	ISHIMOTO TRADING CO GARDENA (1472)		
	BEE CHEMICAL CO GARDENA (1500)		
	** 179TH W PL Addresses **		
	BREWER DAN (1507)		
	EYLES REGINALD H (1507)		
	KAMIYA JAS S (1513)		
	CHOI DANIEL Y (1519)		

PUR ID**Year Uses****NAICS****Source**

1990 (continued)

ISOBE DAVID (1537)

KAWASAKI HAROLD (1548)

**** 179TH W Addresses ****

GARDENA-TORRANCE SOUTHERN BAPTIST CHUR (1457)

GARDENA-TORRANCE SOUTHERN BAPTIST JAPA (1457)

L A CRENSHAW BAPTIST CHURCH (1457)

A MATSUOKA CHIAKI (1464)

Unknown (1464)

14 URATA DOUGLAS (1465)

7 HAMA MARK (1465)

TURBO SPORT STATS (1465)

Unknown (1465)

3 NISHIOKA WAYNE (1476)

4 LAMBERT MITCH (1476)

Unknown (1476)

2 TAKEMOTO DAVID (1481)

Unknown (1481)

REAMES P C (1482)

D GARCIA A J (1485)

Unknown (1485)

**** DENKER AVE Addresses ****

NIKOBAR DACHSHUNDS (17815)

BILICICH S (17819)

COZY PET INN (17819)

YAMASHIRO DENNIS (17823)

KELCLAD INC (17824)

KIRCHIN TOOLS (17827)

**** EVELYN AVE Addresses ****

SHIMANUKI SHOICH (17820)

SHIMANUKI SHOICHI (17820)

MAK TOOL & DIE (17823)

WIDMAN GEO D INC (17823)

KWAN SHU KEE (17826)

GAWLOWSKI PAUL T (17832)

GARDENA METAL PARTS (17833)

SPRAY MASK DESIGN & SUPPLY (17903)

2 LEE KYONG (17907)

3 KOYANAGI ERIC (17907)

Unknown (17907)

UYEDA JIMMIE N (17910)

A KOH HYUN (17917)

Unknown (17917)

PUR ID**Year Uses****NAICS****Source**

1990 (continued)

NODA WATSON K (17918)

IWAMASA YOSHIO (17924)

CHO NAM JEE (17929)

**** 178TH W Addresses ****

ROYAL HOUSEHOLD PRODUCTS INC (1442)

FLORAL WORLD (1444)

COASTLINE GEO TECHNICAL CONSULTANTS IN (1446)

RUSTY & SONS INSTALLATIONS (1448)

CENTURY FINANCIAL SERVICES INC (1468)

ROTARY TECHNOLOGIES CORP (1468)

ISHIMOTO TRADING CO (1472)

QBK INC (1472)

POWER COMPONENTS (1480)

VANGUARD ELECTRONICS CO (1480)

BEE CHEMICAL (1500)

BEE CHEMICAL CO (1500)

MORTON POWDER COATING (1500)

SERVICE WAREHOUSE THE (1520)

COX DIE CASTING CO (1528)

1991 Address not Listed in Research Source

N/A

Pacific Bell

1995 **** W 179TH PL Addresses ****

BREWER DAN GARDENA (1507)

EYLES KATHERINE GARDENA (1507)

EYLES REGINALD H GARDENA (1507)

HENDERSON RONALD GARDENA (1512)

KAMIYA JAS S GARDENA (1513)

**** W 179TH Addresses ****

GRAHAM DENNIS GARDENA (1481)

TAE CHIN LEE GARDENA (1481)

REAMES P C GARDENA (1482)

GARCIA A J GARDENA (1485)

**** DENKER AVE Addresses ****

NIKOBAR DACHSHUNDS GARDENA (17815)

COZY PET INN GARDENA (17819)

MARILEE S KENNELS GARDENA (17819)

KIRCHIN TOOLS GARDENA (17827)

**** EVELYN AVE Addresses ****

KWAN SHU KEE (17826)

GARDENA METAL PARTS (17833)

MINAMI CUSTOM WOOD CRAFT GARDENA (17903)

PUR ID

Year Uses

NAICS

Source

1995 (continued)

SUNG NAKMIN GARDENA (17907)

KWON OH GEUN (17917)

***** W 178TH Addresses *****

QBK INC GARDENA (1472)

POWER COMPONENTS GARDENA (1480)

VANGUARD ELECTRONICS CO GARDENA (1480)

COX DIE CASTING CO GARDENA (1528)

***** W 179TH PL Addresses *****

BREWER DAN (1507)

EYLES KATHERINE (1507)

EYLES REGINALD H (1507)

HENDERSON RONALD (1512)

KAMIYA JAS S (1513)

CHOI DANIEL Y (1519)

KAWASAKI HAROLD (1548)

***** W 179TH ST Addresses *****

GARDENA TORRANCERANCE SOUTHERN BAPTIST (1457)

GARDENA TORRANCERANCE SOUTHERN BAPTIST (1457)

L A CRENSHAW BAPTIST CHURCH (1457)

PODOWON BAPTIST CHURCH (1457)

FUKUI TAISHI (1464)

MATSUOKA CHIAKI (1464)

HAMA MARK (1465)

URATA DOUGLAS (1465)

CHAN KUI LUNG (1481)

GRAHAM DENNIS (1481)

TAE CHIN LEE (1481)

REAMES P C (1482)

GARCIA A J (1485)

***** DENKER AVE Addresses *****

NIKOBAR DACHSHUNDS (17815)

COZY PET INN (17819)

MARILEES KENNELS (17819)

KIRCHIN TOOLS (17827)

***** EVELYN AVE Addresses *****

SHIMANUKI SHOICHI (17820)

KWAN SHU KEE (17826)

LIMM JONATHAN (17826)

GARDENA METAL PARTS (17833)

MINAMI CUSTOM WOOD CRAFT (17903)

KOYAMA TOSH (17907)

MILLER DALE & HEATHER (17907)

PUR ID**Year Uses****NAICS****Source**

1995 (continued)

SUNG NAKMIN (17907)

KWON OH GEUN (17917)

NODA WATSON K (17918)

**** W 178TH ST Addresses ****

ROYAL HOUSEHOLD PRODUCTS INC (1442)

OSAGAWASE U S A (1444)

OSAGAWASE U S A (1444)

COASTLINE GEOTECHNICAL CONSULTANTS INC (1446)

DELUXE PRINTING SPE (1448)

CENTURY FINANCIAL SERVICES INC (1468)

ROTARY TECHNOLOGIES CORP (1468)

ISHIMOTO TRADING CO (1472)

QBK INC (1472)

POWER COMPONENTS (1480)

VANGUARD ELECTRONICS CO (1480)

SERVICE WAREHOUSE THE (1520)

DISCOUNT BOXING SUPPLIES (1524)

COX DIE CASTING CO (1528)

**** W 178TH Addresses ****

ISHIMOTO TRADING CO GARDENA (1472)

MORTON INTERNATIONAL GARDENA (1500)

**** W 179TH PL Addresses ****

ISOBE DAVID GARDENA (1537)

**** 179TH W PL Addresses ****

EYLES REGINALD H (1507)

HENDERSON RONALD (1512)

KAMIYA JAS S (1513)

CHOI DANIEL Y (1519)

ISOBE DAVID (1537)

KAWASAKI HAROLD (1548)

**** 179TH W Addresses ****

GARDENA-TORRANCE SOUTHERN BAPTIST CHUR (1457)

GARDENA-TORRANCE SOUTHERN BAPTIST JAPA (1457)

L A CRENSHAW BAPTIST CHURCH (1457)

PODOWON BAPTIST CHURCH (1457)

A MATSUOKA CHIAKI (1464)

Unknown (1464)

14 URATA DOUGLAS (1465)

7 HAMA MARK (1465)

Unknown (1465)

6 CHAN KUI LUNG (1481)

TAE CHIN LEE (1481)

PUR ID**Year Uses****NAICS****Source**

1995 (continued)

Unknown (1481)

REAMES P C (1482)

**** DENKER S AVE Addresses ****

NIKOBAR DACHSHUNDS (17815)

KIRCHIN TOOLS (17827)

**** EVELYN AVE Addresses ****

SHIMANUKI SHOICHI (17820)

KWAN SHU KEE (17826)

HERRERA CECILIA (17832)

GARDENA METAL PARTS (17833)

MINAMI CUSTOM WOOD CRAFT (17903)

1 MILLER DALE & HEATHER (17907)

2 KOYAMA TOSH (17907)

Unknown (17907)

B KOOK JI (17917)

Unknown (17917)

NODA WATSON K (17918)

**** 178TH W Addresses ****

ROYAL HOUSEHOLD PRODUCTS INC (1442)

LIGHTHOUSE (1444)

LIGHTHOUSE TRAVEL INC (1444)

OSAGAWASE U S A (1444)

COASTLINE GEO TECHNICAL CONSULTANTS IN (1446)

GALLOP (1447)

YANG IN SUNG (1447)

DELUXE PRINTING SPE (1448)

HE ZAI XIN (1462)

BANNER GRAPHICS (1467)

FULL FORCE GRAFFICS (1467)

J C UNITEC (1467)

TAIKO ENTERPRISE CORP (1467)

A LUMIN INC (1468)

STANDARD PACKAGING CORP (1468)

Unknown (1468)

STANDARD INTERNATL INC (1472)

POWER COMPONENTS (1480)

VANGUARD ELECTRONICS CO (1480)

100 OSAMU CORP (1487)

MARUTO SEA VEGETABLES INC (1487)

Unknown (1487)

F W F INC (1500)

302 KOFUKU NO KADAKU USA (1501)

<i>PUR ID</i>	<i>Uses</i>	<i>NAICS</i>	<i>Source</i>
1995 (continued)	304 STAR ENTERPRISES (1501)		
	A MATSUI INTERNATIONAL CO INC (1501)		
	Unknown (1501)		
	SERVICE WAREHOUSE THE (1520)		
	I & I SPORTS SUPPLY CO INC (1524)		
	COX DIE CASTING CO (1528)		
1996	Address not Listed in Research Source	N/A	GTE
2000	Address not Listed in Research Source	N/A	Haines & Company
2001	Address not Listed in Research Source	N/A	Haines & Company, Inc.
2003	Address not Listed in Research Source	N/A	Haines & Company



SECOR
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INCORPORATED

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Thousand Oaks, California 91361
805-230-1266 TEL
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June 8, 2004

Mr. Seth Israel
The Olson Company
3020 Old Ranch Parkway, Suite 400
Seal Beach, California 90740

**RE: PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT FOR THE PROPERTY
LOCATED AT 1515 WEST 178TH STREET, GARDENA, CALIFORNIA
SECOR Job No. 04OT.29267.01**

Dear Mr. Israel:

Enclosed are three bound copies of the Phase I Environmental Site Assessment Report prepared for the Property located at 1515 West 178th Street, Gardena, California.

It has been a pleasure to provide these services for you, and we look forward to working with you in the future. Should there be any questions concerning the information contained in the following report, please contact me at (805) 230-1266 or Mr. Kyle D. Emerson at (909) 335-6116.

Sincerely,
SECOR International Incorporated

Lewis D. Simons, R.E.A.
Project Geologist

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
1515 West 178th Street
Gardena, California

Prepared for:
The Olson Company

June 8, 2004

SECOR Job No. 04OT.29212.31



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June 8, 2004

Mr. Seth Israel
The Olson Company
3130 Crow Canyon Place Suite 210
San Ramon, California 94583

RE: Phase I Environmental Site Assessment
1515 West 178th Street
Gardena, California
SECOR Project No.: 04OT.29213.41

Dear Mr. Israel:

At the request and authorization of The Olson Company, SECOR International Incorporated (SECOR) has completed a Phase I Environmental Site Assessment (ESA) of the property located at 1515 West 178th Street, City of Gardena, Los Angeles County, State of California (the Site). This Phase I ESA was conducted in accordance with the scope of work and terms provided in The Olson Company's Master Consulting Services Agreement dated November 28, 2001 and ASTM Practice E1527-00. The following Executive Summary outlines SECOR's findings described in the following report. Please read the report for a comprehensive accounting of investigative results.

EXECUTIVE SUMMARY

The Site is located in the City of Gardena, Los Angeles County, California. The Site consists of approximately 4.501 acres of land located on the north side of West 178th Street and is addressed as 1515 West 178th Street. The Site is located within a mixed industrial, commercial and residential area. The Site is bound to the north by a parcel of land currently used by riding stables with the Dominguez Channel located beyond; to the east by modern commercial and light industrial office buildings; to the south by West 178th Street and Commercial/light industrial properties (including the currently vacant, former Bee Chemical property) and to the west by a residential trailer park.

The Site comprises one large combined office and warehouse building of approximately 95,000 square feet. Information obtained from a review of building permits held at the City of Gardena Building and Safety and Planning Departments indicate the building was constructed in 1961 with minor remodeling occurring since that time. Prior to the construction of the warehouse office building in 1961, the land was formerly used for agricultural purposes. Other than general warehouse use in recent years, the Site was primarily occupied by Globe Illumination Company, which manufactured light fixtures.

Although the Site is currently branded on the exterior of the office/warehouse building with 'Power Trans Freight Systems, Inc.', the property is currently used by four other companies, which are all involved in the exporting and importing (shipping, transportation and handling) of goods between

America, China and Korea. Products typically handled at the Site include various plastic toys, electronic goods and clothing.

Equipment reportedly used by the Globe Illumination Company is currently stored towards the northern portion of the warehouse building. The unused equipment comprised wooden pallets, old conveyor belts and an assortment of machinery parts. One of the storage rooms located towards the southeast corner of the warehouse area also contained an assortment of unused office equipment (computers/files/papers/box files), wooden pallets, worn tires, and empty gas bottles (LPG). The housekeeping of the area was poor and reportedly not used by the current occupants.

Two solid waste dumpsters were observed towards the northwest corner of the warehouse building. The large quantities of trash observed across the exterior areas of the Site suggest poor housekeeping and waste management practices rather than an insufficient number of dumpsters available to handle the quantity of solid waste generated at the Site. A substantial amount of worn tires, plastic oil containers and vehicle batteries have also been dumped in both interior and exterior areas of the Site. The maintenance of the dumpsters and disposal of refuse within the units is managed by Waste Resources, Inc. of Gardena. The dumping of worn tires, vehicle batteries and plastic oil containers that were observed throughout the Site is a recognized environmental condition.

Two wooden pallets of packaged chemicals were observed towards the northwest corner of the warehouse building/canopy area and were reportedly left over from the former users of the Site (likely, Globe Illumination Company). One wooden pallet comprised approximately 36 individual plastic 20 liter containers and was labeled "Bio-Strip GR12" (paint and graffiti remover). Some of the containers were damaged, cracked and had released their contents onto the concrete floor surface in this area. The other wooden pallet contained approximately 30 individual 20 liter plastic tubs of "Rust-Tel". The label was heavily weathered but indicated that it was a rust converter and neutralizer and used for removing red-rust prior to painting. The surface concrete in this area was in good condition and free of major cracks or damage. There is the potential however, for surface water runoff to mobilize the chemicals that had been released from the damaged containers into the former railroad track along the northern most boundary of the Site. This area is considered a recognized environmental condition based on the potential release of chemicals into the subsurface soils located along the northern boundary of the Site.

Impacts to soil (chlorinated solvents) were identified along the northern portion of the Site in 1990, which resulted in a subsurface investigation, excavation of impacted soils and the issuance of a closure report prepared by Pomona Valley Environmental (PVE) in 1991 that presented a summary of methods utilized to excavate, remove and dispose of the contaminated soil identified at 1515 West 178th Street, Gardena, California. PVE reported that any areas that had a reading of 100 ppm or higher were removed until the soils had a concentration of less than 100 ppm. At this time, samples were taken to Precision Labs and analyzed by EPA Test Method 418.1 and 8240 to confirm the area was "clean". The closure report indicates that 397.4 tons of soil was transported to PVE at 9800 Beau Avenue, Riverside for incorporation into Cold Process Paving Materials. The material was used for paving materials at a Kmart superstore. PVE concluded that based upon the fieldwork performed by PVE and the results of analyses of soil samples collected, no further work is deemed necessary.

The relatively new commercial office buildings directly to the east of the site appear to be used for light manufacturing purposes (Matsui International Co. located at 1501 West 178th Street reportedly have a discharge permit for cleaning operations associated with production and printing screens used

in laboratories). No recognized environmental conditions were observed on the adjacent land to the east of the Site.

The commercial/light industrial properties located directly to the south of the Site on the opposite side of West 1278th Street appear to be older with heavier industrial manufacturing use that ranges from a die casting company, engine repair and supply company, as well as a currently vacant commercial building that was formerly occupied by The Bee Chemical Company. The former Bee Chemical Company located at 1500 West 178th Street is a recognized environmental condition due to the historic storage, transfer and use of chemicals, that resulted in the removal of 10 UST's, and remedial action that involved excavation of impacted soils and the removal of free product from groundwater beneath the property. The current status of corrective action conducted at this site is also unknown.

Gardena Sumps located on the southwest corner of Normandie Avenue and Artesia Boulevard is a Superfund Site located approximately one quarter to one half of a mile upgradient to the east northeast of the Site. The Gardena Sumps have been described (taken from the EDR Report) as "An abandoned refinery and oil field waste disposal site, in which the wastes were believed to have been disposed of in sumps over a 15 year period ending in the 1950's". Hazardous substances found on site have included a wide variety of petroleum hydrocarbon wastes, polychlorinated biphenyls (PCB's) and some heavy metals generated from drilling and petroleum refining. Sludge's are of a highly acidic nature with an estimated amount of waste on the site reported to be 16,000 tons. The threat to public health is reported to be "hydrocarbon wastes are highly acidic and present a potential health hazard through direct contact with skin. Additionally wastes may emit gases containing volatile organic compounds, or other sulfur containing gases, presenting a potential inhalation hazard".

Based on the site inspection conducted by SECOR and a review of information pertaining to the Site and adjacent surrounding land use, the following recognized environmental conditions (RECs) were identified that would require further assessment:

- The Gardena Sumps Superfund Site is a recognized environmental condition based on its history of unregulated waste disposal of hydrocarbons, PCB's and heavy metals and high likelihood of impacts to soil and groundwater in the area.
- Former activities conducted at the Bee Chemical Property located at 1500 West 178th Street has resulted in significant impacts to soil and groundwater from volatile organic and chlorinated solvent compounds. Although groundwater is reported to flow in a direction towards the south southeast (away from the site), impacts to groundwater were historically detected in an up gradient monitoring well located in the middle of West 178th Street. The current status of local groundwater quality is unknown. SECOR has submitted a request to review files at the LARWQCB, however SECOR has not received an appointment to review files to date. SECOR recommends further effort to attain and review the reports from the LARWQCB.
- Based on the known contaminative use of land on the adjacent (Bee Chemical Company) and surrounding area (Gardena Sumps Superfund Site), which has resulted in identifiable impacts to localized soil and groundwater, there is a potential for the onsite migration of these contaminants (volatile organic and chlorinated solvent compounds) onto or beneath the

Site. Based on the proposed future use of the Site (residential purposes), SECOR recommends a subsurface investigation to evaluate environmental impacts to subsurface soil and groundwater beneath the Site. Data obtained from the subsurface investigation should be used to evaluate the risks to human health posed by elevated concentrations of volatile organic and chlorinated solvent compounds in the subsurface.

- Based on the Site's history of agricultural use, SECOR recommends that the shallow subsurface investigation include an evaluation of impacts to shallow soil resulting from the potential use of pesticides.
- Prior to acquisition of the Site, the two damaged wooden pallets of chemicals (paint and graffiti remover and rust converter and neutralizer) observed towards the northwest corner of the warehouse building should be removed by the owner. All dumped materials (worn tires, vehicle batteries, plastic oil containers and general household trash) observed throughout the Site should also be removed at this time.

Although not recognized environmental condition, SECOR recommends the following issued be addressed:

- SECOR did not conduct lead-based paint or asbestos evaluations during the site reconnaissance. However, given the age of the structures (circa early 1960's), lead-based paint and asbestos should be anticipated in the buildings. Prior to any disturbance of painted materials, SECOR recommends a comprehensive, AHERA-level asbestos sampling survey and Lead-Based Paint Survey be conducted.

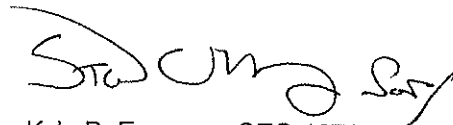
It has been a pleasure to provide these services for you, and we look forward to working with you in the future. Should there be any questions concerning the information contained in the following report, please contact the undersigned at (909) 335-6116.

Sincerely,

SECOR International Incorporated



Lewis D. Simons R.E.A.
Project Geologist



Kyle D. Emerson, CEG-1271
Senior Vice President

cc: Mr. Perry Hughes
Cox, Castle Nicholson LLP
2049 Century Park East, 28th Floor
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- Appendix D - City Directory
- Appendix E - Historical Topographic Maps
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- Appendix G - Adjacent Land Use Supporting Documentation

1.0 INTRODUCTION

1.1 OBJECTIVE

The purpose of this Phase I Environmental Assessment is to identify recognized environmental conditions in connection with the Property. The term 'recognized environmental conditions', as defined in ASTM Standard Practice E1527-00, means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property, even if those substances are present under conditions in compliance with environmental laws.

1.2 SCOPE OF WORK

As stated above, the Phase I ESA was performed in accordance with the scope of work and terms provided in The Olson Company's Master Consulting Services Agreement dated November 28, 2001 and ASTM Standard Practice E1527-00.

The scope of services did not include an assessment of overall environmental regulatory compliance, any subsurface investigation (including soil or groundwater sampling, exploratory boreholes or other investigative techniques to quantify potentially identified hazardous materials), and asbestos, lead-based paint, mold, or radon gas surveys.

2.0 SITE DESCRIPTION

2.1 LOCATION AND STATISTICS

The Site is located in the City of Gardena, Los Angeles County, California. The Site consists of approximately 4.501 acres of land located on the north side of West 178th Street and is addressed as 1515 West 178th Street. Figure 1 in Appendix A is a Site Location map showing the location of the Property with respect to the site vicinity. Figure 2 in Appendix A is a Site Plan showing approximate boundaries of the Property, adjacent site use, and salient features observed during the site visit.

Assessor Parcel Number: 6106-013-040

2.2 SITE AND VICINITY CHARACTERISTICS

The Site is located within a mixed industrial/commercial and residential area of Gardena. The Site is bound to the north by a parcel of land currently used by riding stables with the Dominguez Channel located beyond; to the east by modern commercial and light industrial office buildings; to the south by West 178th Street and Commercial/light industrial properties (including the currently vacant, former Bee Chemical property) and to the west by a residential trailer park.

2.3 DESCRIPTIONS OF STRUCTURES, ROADS AND OTHER RELEVANT IMPROVEMENTS ON THE SITE

The Power Trans Freight Systems Property is located on the northern side of West 178th Street and is set within a mixed commercial/light industrial and residential area. Ingress and egress to the Site is via West 178th Street. The Property itself comprises a large warehouse building with the main offices and entrance to the Property situated on the southern portion of the Property. The Property includes a large asphalt and concrete paved parking area for large trucks on the eastern portion of the site and a narrow strip of concrete and asphalt truck parking area on the west portion of the Property. The east portion of the Property is used for shipping and handling goods with truck docking bays/ramps located along the east side of the Property building. Security gates and guards controlling deliveries are located on the east side of the Property with guard dogs used for the narrow strip of parking area located on the west portion of the Property. Further Site description is provided in the following Section 3.0. A photographic log of current Site conditions is located in Appendix A.

2.4 ENVIRONMENTAL LIENS

SECOR, during the course of this due diligence investigation, did not uncover any environmental liens on the Site. A preliminary Title Report was not provided for SECOR's review. The absence of the title report is not significant, due to the availability of the similar information through other sources reviewed by SECOR.

2.5 CURRENT PROPERTY USE

Although the Site is branded on the exterior of the office/warehouse building with 'Power Trans Freight Systems, Inc.', the property is currently used by four other companies, which are all involved in the exporting and importing (shipping, transportation and handling) of goods between America, China and Korea. The companies currently occupying the five suites are as follows:

- Power Trans Freight Systems, Inc. (Suite 100)
- JVL America, Inc. (Suite 101)
- Great Luck, Inc. (Suite 102)
- Intel Transport Services (Suite 103)
- CINTEK Systems, Inc. (Suite 104)

Products typically handled at the Site include various plastic toys, electronic goods and clothing.

3.0 PROPERTY RECONNAISSANCE

SECOR performed a reconnaissance of the Site on April 21, 2004. Mr. Mike Mallette of Power Trans Freight Systems, Inc. (property representative and General Manager) granted access to the Site and was present during SECOR's site walk. Weather conditions during the reconnaissance were clear and no weather related restrictions were encountered.

The purpose of the reconnaissance was to identify existing conditions and land uses that may suggest potential environmental impacts to the Site. Such conditions, to the extent visible and accessible, include storage, disposal and treatment of solid and/or hazardous waste, storage tanks and other chemical containers, odors, pools of liquid, staining, drains, sumps, pits, ponds, lagoons, septic systems, wells, unusual soil disturbance, stressed vegetation, and electrical transformers.

Field notes of the property reconnaissance are detailed further in the remainder of this report. Photographs taken of the Site are included in Appendix A.

3.1 INTERIOR PROPERTY OBSERVATIONS

The Site comprises one large combined office and warehouse building of approximately 95,000 square feet. The building is of brick and steel construction with drywall, acoustic ceiling tile, and carpet used for the office areas. Linoleum tile has been used for the kitchen and restroom areas. The offices are located towards the southern portion of the site with the warehouse building extending towards the northern edge of the Site boundary. A 2-story office with gym, kitchen and restrooms has been constructed in the central area of the warehouse building and are unused. Information obtained from a review of building permits held at the City of Gardena Building and Safety and Planning Departments indicate the building was constructed in 1961 with minor remodeling occurring since that time.

Equipment reportedly used by the Globe Illumination Company is currently stored towards the northern portion of the warehouse building. The unused equipment comprised wooden pallets, old conveyor belts and an assortment of machinery parts. The General Manager (Mr. Mike Mallette) indicated that they do not have access to a padlocked storage area but that it probably contained more equipment used by the former company occupying the Site. SECOR recommends reviewing this structure during the planned Phase II ESA activities. Liquid Propane Gas (LPG) is stored towards the northwest corner of the Site and used for forklift purposes. A floor drain was observed in the canopy covered area of the warehouse building towards the northern portion of the Site. The floor drain was slightly clogged and the surrounding floor surface was dirty. The area is relatively unused by current occupants other than the storage of empty LPG bottles used for forklift trucks. The drain is located within a covered area and therefore unlikely to be exposed to stormwater.

The Site is currently occupied by five companies (as provided in Section 2.5) for exporting and importing goods between America, China and Korea. The warehouse area comprises boxes stacked in predetermined locations with some areas fenced off as requested by clients handled by the companies occupying the Site. Unloading and loading of goods is carried out in the shipping, delivery and handling area located along the eastern side of the warehouse building.

A storage room located towards the southeast corner of the warehouse area contained an assortment of office equipment (computers/files/papers/box files), wooden pallets, worn tires, and empty gas bottles (LPG). The area was in poor condition and reportedly not used by the current

occupants. The electrical room located off the main corridor to the office suites was in poor condition and contained 4 tins of paint.

Other than the potential existence of lead-based paint (LBP) and asbestos containing materials (ACMs) in the building materials (See Sections 3.5 and 3.6) no environmental concerns associated with this structure were observed by SECOR at the time of the site reconnaissance.

3.2 EXTERIOR PROPERTY OBSERVATIONS

The Site consists of approximately 4.501 acres of land with one large office warehouse structure currently occupied by five separate companies and operating under the logo "Power Trans Freight Systems, Incorporated". The office area is located on the southern boundary of the building with the main entrance via West 178th Street. Landscaping has been used along the southern edge of the Site with an enclosed patio area located to the west of the main offices and south of the office kitchen. Parking for employees is located in the south east corner of the Site adjacent to West 178th Street. Two gates provide access to the largely unused parking area to the east and the shipping and handling trailer parking area to the west. A security hut and guard dogs control vehicles entering the shipping and handling area.

A mixture of concrete and asphalt has been used to surface the narrow strip of parking area located along the eastern most portion of the Site and the larger truck parking, shipping and handling area located along the west portion of the Site. The east parking area is largely unused and contained 4 commercial vehicles that appeared to be in need of repair at the time of the Site inspection conducted by SECOR. With the exception of minor oil staining resulting from the historic use of the area for parking trucks, no major staining or distressed vegetation was observed in this area. A large amount of trash was however observed in this area, which ranged from general household/domestic trash to plastic oil containers, worn tires, redundant vehicle batteries wood pallets and packaging materials. The oil containers, worn tires and used vehicle batteries are a recognized environmental condition (REC). A 500-gallon above ground storage tank labeled "De-ionized Water" was observed adjacent to the northern boundary of the Site. A pole-mounted transformer was also observed adjacent to the warehouse building in the east parking area. The pole-mounted transformer is maintained by Southern California Edison and therefore unlikely to contain Polychlorinated Biphenyls (PCB's).

The west truck parking, shipping and handling portion of the property is used to unload, and load goods for import and export purposes. Loading bays and forklift trucks facilitate the movement of goods from the warehouse to trailers. Some unused trailers were observed along the west boundary of the Site. Some standing water was also observed adjacent to a trailer parked close to the main entrance area towards the southwest corner of the Site. No odors, discoloration or oily sheen was observed with the standing water. Two large trash dumpsters were observed towards the northwest corner of the warehouse building. The dumpsters contained general packaging materials and wooden pallets. Waste generated at the site is handled by Waste Resources, Inc. of Gardena.

Two wooden pallets of packaged chemicals were also observed in this area and were reportedly left over from the former users of the Site (likely, Globe Illumination Company). Further details regarding the chemical storage are presented in Section 3.2.3 of this report. The previous Phase I ESA completed by Targhee, Inc. had indicated that soils impacted by paints/solvents had been excavated in the area formerly occupied by the railroad trending east to west along the northern perimeter of the Site. The source of the impacted soils reportedly occurred during the use of a paint contractor firm

working on the Site. A total of 397.4 tons of impacted soil were excavated, removed from the site and transported to Pomona Valley Environmental (9800 Beau Avenue, Riverside) for incorporation into "Cold Process Paving Materials" during May 1991. The material was used for paving materials at a Kmart superstore. Additional information pertaining to the remedial work conducted at the Site is included in Section 5.5 and Appendix E (Supporting Documentation).

An overturned trailer was observed towards the northwest corner of the warehouse building adjacent to an unloading bay. The trailer was sealed and there was no evidence of any unauthorized spills or releases observed in this area. Mr. Mallette indicated to SECOR that the owner of the trailer was yet to schedule the removal of the trailer and goods contained within it.

3.2.1 Surface Drainage

Storm water runoff from the Site would flow south towards 178th Street. No signs of improper discharge were noted during SECOR's site walk.

3.2.2 Surface Water

With the exception of the small pool of standing water observed towards the west entrance of the Site, no surface water was visually identified during SECOR's Site reconnaissance.

3.2.3 Exterior Subsurface Structures and Hazardous Materials Storage Areas

No exterior subsurface structures were observed at the Site during the site reconnaissance. Mr. Mallette reported to SECOR that no hazardous materials are currently used by the occupants of the Site. Two wooden pallets of packaged chemicals were however observed towards the northwest corner of the warehouse building/canopy area and were reportedly left over from the former users of the Site (likely, Globe Illumination Company). One wooden pallet comprised approximately 36 individual plastic 20 liter containers and was labeled "Bio-Strip GR12" (paint and graffiti remover). Some of the containers were damaged, cracked and had released their contents onto the concrete floor surface in this area. The other wooden pallet contained approximately 30 individual 20 liter plastic tubs of "Rust-Tel". The label was heavily weathered but indicated that it was a rust converter and neutralizer and used for removing red-rust prior to painting. The surface concrete in this area was in good condition and free of major cracks or damage. There is the potential however, for surface water runoff to mobilize the chemicals that had been released from the damaged containers into the former railroad track along the northern most boundary of the Site. This area is considered a recognized environmental condition based on the potential release of chemicals into the subsurface soils located along the northern boundary of the Site.

3.3 STORAGE TANKS

No underground storage tanks (USTs) were visually observed at the Site during SECOR's site reconnaissance. An above ground storage tank (AST) with an approximate capacity of 500-gallons was, however, observed towards the northeast corner of the warehouse building and was labeled "de-ionized water". The tank appeared to be unused at the time of the site reconnaissance. Review of a regulatory agency database search for the property and surrounding area performed by Environmental Data Resources (EDR) indicated no presence of ASTs or USTs at the Site.

3.4 POLYCHLORINATED BIPHENYLS (PCBS)

Electrical transformers, hydraulic equipment capacitors, fluorescent light fixtures, and similar equipment may contain polychlorinated biphenyls (PCBs) in the hydraulic fluids or dielectric insulating fluids within the units. The federal Toxic Substances Control Act (TSCA) generally prohibited the domestic manufacture of PCBs after 1979. There is, however, potential that the dielectric fluid in electrical and hydraulic equipment manufactured and constructed prior to that date contains PCBs.

A pole mounted transformer was observed on the west portion of the Property adjacent to the warehouse building. Given that Southern California Edison (SCE) is responsible for the maintenance of the pole-mounted transformer located on the Property, SECOR considers it unlikely that there is the potential for the pole mounted transformer to contain PCB's. There is however a potential for the fluorescent light fixtures located throughout the office/warehouse building to contain PCBs. SECOR recommends that during demolition that the disposal of these fixtures be conducted in accordance with applicable laws.

3.5 LEAD-BASED PAINT (LBP)

Lead is a pliable, soft metal that is used in the construction of pipes, rods, and containers. Before 1978, lead was a common ingredient in paint because it added strength, shine and extended the life of the paint. In 1978 the EPA banned the use of lead pigments in paints used on interior and exterior residential surfaces. Lead poisoning can result from children having access to, and ingestion (by chewing) of lead-based paint covered surfaces. Inhalation of dust produced by normal oxidation, or scraping/sand-blasting of the paint, which may contain significant amounts of lead, is also a health hazard. The EPA/HUD action level for lead-based paint (LBP) is 0.5% dry weight.

SECOR did not conduct a LBP evaluation during the site reconnaissance. However, given the age of the structures (circa 1961), lead-based paint should be anticipated in the building. Prior to any disturbance of painted materials, SECOR recommends a Lead-Based Paint Survey be conducted.

3.6 ASBESTOS CONTAINING MATERIALS (ACMS)

Asbestos is a common term for a group of naturally occurring mineral fibers. Due to its durability and insulating quality, it was used in a wide variety of building products including structural fireproofing, pipe and duct insulation, plasters, roofing, floor tile, and linoleum. Adverse health effects have been associated with the inhalation of airborne asbestos fibers. By June of 1978, the US Environmental Protection Agency (US EPA) had effectively banned the use of asbestos in building materials.

SECOR did not conduct an ACM evaluation during the Site reconnaissance. However, given the age of some of the structures (circa 1961), asbestos containing materials should be anticipated in the building. Prior to any disturbances, SECOR recommends a comprehensive, AHERA-level sampling survey be conducted.

3.7 SOLID WASTE DISPOSAL ISSUES

Two solid waste dumpsters were observed towards the northwest corner of the warehouse building. The large quantities of trash observed across the exterior areas of the Site suggest poor housekeeping and waste management practices rather than an insufficient number of dumpsters available to handle the quantity of solid waste generated at the Site. A substantial amount of worn tires, plastic oil containers and vehicle batteries have also been dumped in both interior and exterior areas of the Site. The maintenance of the dumpsters and disposal of refuse within the units is managed by Waste Resources, Inc. of Gardena. The dumping of worn tires, vehicle batteries and plastic oil containers that were observed throughout the Site is a management issue. Prior to acquisition of the Site, all dumped materials including general household trash observed throughout the Site should be removed by the owner.

3.8 PESTICIDE ISSUES

Historical research (aerial photograph review Section 5.1), indicates the Site was developed with agricultural use from at least 1939 to 1961. The Site was developed in 1961 as confirmed by a review of building permits held at the City of Gardena Building and Safety and Planning Departments. Based on the Site's history of agricultural use, SECOR recommends a shallow subsurface investigation to determine if impacts to soil have occurred from the potential use of pesticide products.

3.9 MOLD

Mold and mildew are considered fungi (the plural of fungus). Fungi are the biological term for molds, mildew, yeast, and mushrooms. Microfungi are the fungi most likely to affect buildings and are commonly found in bathrooms and in other locations of a building and building systems. Microfungi are so small that they can only be seen when they are growing in visible colonies (with millions of spores) or with the aid of a microscope.

SECOR conducted a limited mold investigation of the accessible interior of the warehouse/office building during the Site reconnaissance. The evaluation consisted of visual observations in accessible areas of high-risk mold growth areas. Although the restrooms were in a generally poor condition and in need of cleaning, SECOR did not visually identify mold-contaminated surfaces characteristic of the presence of mold. The currently unused restrooms located within the central warehouse office however, did smell musty due to non use. Musty smells often indicate a moist environment where mold may tend to grow. Please note that no sampling was performed and no penetrations were made by SECOR into any walls or above ceilings during this Site reconnaissance. SECOR would recommend that during the recommended ACM and LBP surveys an inspection of mold occur in all building areas prior to demolition.

3.10 RADON GAS

Radon-222 (radon) is a naturally occurring gas that is prevalent in certain areas of the country. The U.S. EPA has determined that exposure to 4.0 pCi/L of radon gas on a regular basis increases the risk of lung cancer. In 1990, the California Department of Health Services conducted a two-phase statewide radon survey. The first phase of the survey involved a radon selection of owner-occupied single-family dwellings, monitored utilizing a short-term (two-day) radon detector. Following sample collection, the detectors were sent to the EPA for analysis. In the second phase, 10 percent of the

previous group was monitored with long-term (one year) radon detectors that were returned to the EPA for analysis.

The County of Los Angeles is located in an area designated as a Radon Zone Level 2 with a predicted average indoor screening level between 2 pCi/L and 4 pCi/L. However, the screening results for the local zip code 90248 where the Site is located, based on 2 samples tested, show an average first floor activity level of 0.0 pCi/L, with 100% percent of the sites tested at less than 4 pCi/L. The information regarding the radon determinations is contained on page A-66 of the EDR report attached as Appendix B. Based on this data, Radon is not considered an issue that would require further assessment at the Site.

3.11 OIL WELLS

SECOR reviewed oil field maps provided by the Department of Oil, Gas, and Geothermal Resources (DOGGR) in an effort to determine if the Site is located within an active oil field. The area of the Site is depicted on the Regional Wildcat Map No. W1-6. According to these records, the Site is not located within an oil field boundary. In addition, oil well data was requested from Environmental Data Resources. Oil well data within the EDR report does not indicate the presence of any oil wells within a one mile radius of the Site. Based on the lack of close proximity of oil wells or oil fields in the area of the Property, SECOR does not consider oil production to be an environmental concern.

3.12 ENVIRONMENTAL SETTING

3.12.1 Regional Geology and Hydrogeology

The USGS topographic map, Torrance Quadrangle (dated 1964 and revised in 1981) was reviewed by SECOR. The map showed the subject property to be at an elevation of approximately 34 feet above mean sea level (msl). The Rosecrans Hills are located approximately 6 miles northwest of the subject property. The topography in the vicinity of the subject property undulates and slopes generally to the southwest. The subject property is located approximately 1/8 mile south of the Dominguez Channel, the nearest surface water body.

The Site is located in an area of recent alluvial fan deposits from the Quaternary age. These deposits typically consist of tideland and flood-plain deposits. Regionally, the Site area is located within the Southwestern block of the Los Angeles Basin, within the Peninsular Ranges Geomorphic Province of California. Shallow sediments in this area of the Los Angeles Basin consist of Recent-age gravel, sand, silt, and clay deposited by the Los Angeles River and Dominguez Channel. In some areas, these sediments are expected to be approximately 50 to 90 feet thick. The near-surface sediments are underlain by sedimentary rocks of primarily recent to Miocene age. The sediments underlying the site are anticipated to have moderate hydraulic conductivity.

The elevation of the Site is approximately 34 feet above mean sea level.

The Site is on the West Coast Groundwater Basin. This subject property is underlain by a semi-perched aquifer located roughly 40-50 feet below ground surface (bgs). The subject property appears to be located outside the "Pressure Area", which is an area of the underlying aquifer influenced by groundwater injection for groundwater replenishment.

The subject property area is underlain by a 40-foot thick sequence of clays that overlie the deeper Bellflower aquiclude (EDR 2004).

Based on previous investigation work conducted in the area, groundwater within the vicinity of the Site reportedly flows in a direction towards the south southeast. No specific information regarding the depth to near surface groundwater beneath the subject property was located by SECOR; however, the depth to the near surface groundwater at a facility located less than one-eighth-mile east of the subject property was measured to be approximately 40 feet bgs (EDR, 2004) in the Bellflower Aquiclude.

3.13 ADJACENT SITE RECONNAISSANCE

A brief visual survey of adjacent properties from public thoroughfares was performed by SECOR during the Site reconnaissance to evaluate if these properties possess additional facilities or structures that use, store, generate, or dispose hazardous materials that may present a potential environmental risk to the Property. The relatively new commercial office buildings directly to the east of the site appeared to be used for some light manufacturing purposes (Matsui International Co. located at 1501 West 178th Street reportedly have a discharge permit for cleaning operations associated with production and printing screens used in laboratories). No recognized environmental conditions were observed on the adjacent land to the east of the Site.

The commercial/light industrial properties located directly to the south of the Site on the opposite side of West 1278th Street appear to be older with heavier industrial manufacturing use that ranges from a die casting company, engine repair and supply company, as well as a currently vacant commercial building that was formerly occupied by the Bee Chemical Company (Morton International Incorporated). This company was identified on the Spills, Leaks, Investigation and Cleanup (SLIC) list posted on the California Environmental Protection Agency (CalEPA) website. The former Bee Chemical Company located at 1500 West 178th Street is a recognized environmental condition due to the historic storage, transfer and use of chemicals, that resulted in the removal of 10 UST's, and remedial action that involved excavation of impacted soils and the removal of free product from groundwater beneath the property. The Bee Chemical Groundwater was reportedly encountered at a depth of 38 to 44 feet below ground surface in a previous investigation conducted by Geraghty & Miller, Inc. in May 1986 and is believed to flow in a direction towards the south southeast (away from the Site). Impacts to groundwater were however, detected in an up gradient monitoring well installed in the middle of West 178th Street. Information pertaining to the former Bee Chemical Site and obtained from a review of Los Angeles County Department of Public Works (LACDPW) is included in Section 5.5 and Appendix G of this report.

A request for a review of files held at the Los Angeles Regional Water Quality Control Board (LARWQCB) has been submitted by SECOR. SECOR is yet to receive an appointment to review the files but will forward additional information obtained for the Bee Chemical property upon receipt. Although the historic direction of groundwater flow has been reported to the south southeast, SECOR recommends further effort to review files at the LARWQCB to evaluate the current status of impacted soil and groundwater at the Bee Chemical property and the risks associated with the potential mobilization and migration of impacted groundwater beneath the Site.

Gardena Sumps located on the southwest corner of Normandie Avenue and Artesia Boulevard is a Superfund Site located approximately one quarter to one half of a mile upgradient to the east northeast of the Site. The Gardena Sumps have been described (taken from the EDR Report) as *"An abandoned refinery and oil field waste disposal site, in which the wastes were believed to*

have been disposed of in sumps over a 15 year period ending in the 1950's". Hazardous substances found on site have included a wide variety of petroleum hydrocarbon wastes, polychlorinated biphenyls (PCB's) and some heavy metals generated from drilling and petroleum refining. Sludge's are of a highly acidic nature with an estimated amount of waste on the site reported to be 16,000 tons. The threat to public health is reported to be "hydrocarbon wastes are highly acidic and present a potential health hazard through direct contact with skin. Additionally wastes may emit gases containing volatile organic compounds, or other sulfur containing gases, presenting a potential inhalation hazard". The site activity status is reported as "Department of Health Services (DHS) performed a preliminary assessment and site investigation in 1986 to evaluate site contamination. Based on the findings of this investigation, a remedial action order was issued on March 3, 1988 to the two property owners where the sumps exist. Should both property owners fail to comply with the order, DHS will initiate remedial activities. An imminent and substantial endangerment determination was made by DHS in July, 1988. Based on this determination, the landowners were required to fence and secure the site and remove materials seeping from the sumps to offsite areas." Additional information provided reports that "the drilling, transportation and manufacturing companies which disposed of wastes have not been definitively identified. Both of the landowners named in the RAO have indicated willingness to undertake and fund further site characterization and remediation required in the order. Uncertainty remains as to whether these landowners can fund remedial activities. If all Potentially Responsible Parties are found to be in noncompliance, DHS will initiate remedial activities. If Bond funds are used, DHS will undertake appropriate cost recovery activities".

An aerial photograph dated 1938 and historical topographic map (with "oil sump" clearly marked on the map) dated 1951 obtained for the Site and surrounding area confirms the existence of the Gardena Sumps from at least 1938 onwards. Based on discussions with the site investigators of Gardena Sumps impact to soil and groundwater have not migrated to the subject property. Therefore, no further assessment is recommended.

4.0 PUBLIC RECORD REVIEW SECTION

4.1 ENVIRONMENTAL DATA RESOURCES REPORT

SECOR contracted with EDR to review databases maintained by various federal and state environmental agencies. The purpose of the review was to identify reported listings for the subject Site or other properties in the vicinity. The reviewed databases included federal and state lists of known or suspected contaminated sites, known handlers or generators of hazardous waste, known waste disposal facilities and permitted underground storage tanks. The database search report is included as Appendix B. The databases which were researched and the searched distances for each database, if applicable, include the following described below:

Federal Records

- NPL, identifies sites for priority cleanup under the superfund program, searched within a one-mile radius.
- CERCLIS, contains information on sites identified by the USEPA as abandoned, inactive or uncontrolled hazardous waste sites that may require cleanup, searched within a one-half mile radius.
- NFRAP, lists sites that were on the CERCLIS but have been removed and now No Further Remedial Action is planned, searched within a one-quarter mile radius.
- CORRACTS, identifies hazardous waste handlers with Resource Conservation and Recovery Act (RCRA) corrective action activity, searched within a one-half mile radius.
- RCRIS, identifies sites that generate, store, transport, treat and/or dispose of hazardous waste as identified by the RCRA, searched within a one-quarter mile radius.
- ERNS, stores information on reported releases of oil and hazardous substances, searched within the target property.
- BRS, biennial Reporting System, collects data on generation and management of hazardous waste.
- CONSENT, establish legal responsibility and standards for NPL clean-up sites, searched within a one-mile radius.
- ROD, mandates remedy at NPL sites pertaining to technical and health information to aid in site clean-up, searched within a one-mile radius.
- DELISTED NPL, NPL sites in which no further response is necessary or appropriate, searched within a one-mile radius.
- FINDS, points to other sources that may contain more information, searched within the target property.
- HMIRS, contains hazardous materials spill incidents reported to the DOT, searched within the target property.
- MLTS, lists sites that possess or use radioactive materials subject to Nuclear Regulatory Commission licensing requirements, searched within the target property.
- MINES, mines master index file, searched within a one-quarter mile radius.

- NPL LIENS, lists properties with liens filed against them to recover remedial action expenses, searched within the target property.
- PADS, identifies generators, transporters, commercial storers and/or brokers, and disposers of polychlorinated biphenyls, searched within the target property.
- DOD, Department of Defense, federally owned or administered land of 640 acres or greater, searched within a one-mile radius.
- RAATS, contains records on enforcement actions under RCRA, searched within the target property.
- TRIS, identifies facilities that release toxic chemicals to the air, water, or land, searched within the target property.
- TSCA, identifies manufacturers and importers of chemical substances included on the TSCA chemical inventory list, searched within the target property.
- FTTS, tracking system for the Federal Insecticide, Fungicide & Rodenticide, and Toxic Substances Control Act, searched within the target property.
- SSTS, reports manufacturing practices for registered pesticide-producing establishments, searched within the target property.

State Records:

- AWP, Annual Workplan Sites, state of California Department of Toxic Substance Control (DTSC) database of known hazardous waste sites targeted for cleanup, formerly Bond Expenditure Program (BEP), searched within a one-mile radius.
- CAL-SITES, state database of properties in California where hazardous substances have been release, or where the potential for such release exists, searched within a one-mile radius.
- CHMIRS, California Hazardous Material Incident Report System, searched within a one-mile radius.
- Cortese, Hazardous Waste & Substance Sites List, searched within a one-mile radius.
- Notify 65, Proposition 65 records, searched within a one-mile radius.
- Toxic Pits, identifies sites suspected of containing hazardous substances where cleanup has not yet been completed, searched within a one-mile radius.
- SWIS, Solid Waste Information System, a state inventory of active, closed and inactive landfills and solid waste facilities, searched within a one-half mile radius.
- WMUDS/SWAT, Waste Management Unit Database/Solid Waste Assessment Test, a state inventory of waste management units, searched within a one-half mile radius.
- LUST, leaking underground storage tank incident reports, searched within a one-half mile radius.
- UST, registered underground storage tanks, searched within a one-quarter mile radius.
- VCP, Voluntary Cleanup Program Properties, searched within a one-half mile radius.
- Indian UST, underground storage tanks on Indian land, searched within a one-quarter mile radius.
- CA FID UST, Facility Inventory Database for active / inactive underground storage tanks, searched within a one-quarter mile radius.

- HIST UST, Historical UST registered database, searched within a one-quarter mile radius.
- AST, registered aboveground storage tanks, searched within the target property.
- Other state of California records searched include CLEANERS, CA WDS, DEED, SCH, REF, NFA, NFE, CA SLIC, HAZNET and limited County records. Each of these lists and source are described in the EDR report, Appendix A.

Other Databases

- Historical Gas Station and Dry Cleaners searched a one-quarter mile radius.
- Former Manufactured Gas (Coal Gas) Sites, searched within a one-mile radius.
- State of California Brownfield's Database Records, searched within a one-quarter mile radius.
- Oil/Gas Pipelines
- Electric Power Transmission Line Data
- Sensitive Receptors, including Hospitals, Medical Centers, Nursing Homes, Public Schools, Private Schools and Daycare Centers.
- GeoCheck including Flood Zone Data, NWI, National Wetlands Inventory, Water Well Search using Federal and State databases, Oil and Gas Well locations and Radon information.

4.1.1 Database Search Results

Based on the EDR report, the Site is listed on the HAZNET database. The complete database listings (of records detailed above) prepared by EDR and a map showing the location of listed sites relative to the Site are presented in Appendix B. Facilities, which appear on the database within the prescribed search radius, are listed below. SECOR's interpretation of the listings as provided on the EDR report and potential environmental impact to the Site is presented below.

US EPA NPL

No sites are listed in the EDR report from the NPL database listing within a one-mile radius of the Site.

US EPA CERCLIS

One site is listed in the EDR report from the CERCLIS database listing within a one-half mile radius of the Site. The site is identified as "Gardena Sumps" and is located on the southwest corner of Artesia Boulevard and Normandie Avenue, located approximately 1/4 mile east-northeast and cross gradient from the subject property. This facility is cross referenced in the AWP, CAL-SITES, CORTESE, WMUDS/SWAT, BEP, US Brownfield's databases. Additional information regarding the Gardena Sumps Superfund Site is included in Section 3.13.

US EPA CERCLIS-NFRAP

Two sites are listed in the EDR report from the CERCLIS-NFRAP database and are located at a distance of 0 to 1/8 of a mile (east northeast) and 1/8 to 1/4 of a mile (east) from the site. These were identified as Morton International, Inc. of 1500 West 178th Street (also known as Bee Chemical Company) and Aladdin Plastics, Inc. of 1415 West 178th Street, Gardena, California. Based on the adjacent location of Bee Chemical company SECOR has identified this facility as a REC.

US EPA RCRA-CORRACTS

One facility was identified in the EDR report from the RCRA-CORRACTS database listing and located at a distance of ½ to 1 mile to the south southwest of the Site. The listing is identified as Intel Light Metals Group and is located at 19200 South Western Avenue. Based on the down gradient location it is unlikely to have affected the subject Site.

US EPA RCRIS-TSD

One RCRIS-TSD site was identified in the EDR database search and is located approximately 1/8 to ¼ of a mile due east (cross gradient) of the Site. The listing is identified as S B Management Corporation of 1415 West 178th Street. Based on the cross gradient location and distance it is unlikely to have affected the subject Site.

US EPA RCRIS LQG and SQG

Nine RCRIS-SQG sites (4 apportioned to the same address) were identified in the EDR database search and are as follows:

Cox Die Casting – 1528 West 178th Street, located approximately 0 - 1/8 of a mile to the southeast of the Site. This facility is cross referenced on the FINDS, HAZNET and CA WDS databases. EDR reports this facility as a small quantity generator with no recorded violations. Based on the lack of violations and direction of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

Matsui International – 1501 West 178th Street, located approximately 0 - 1/8 of a mile to the east of the Site. EDR reports this facility as a small quantity generator with no recorded violations. Based on the lack of violations and direction of this facility (cross down gradient) from the Site, it is unlikely that this facility has environmentally impacted the subject property.

Morton International, Inc. (Bee Chemical Company) – 1500 West 178th Street, located approximately 0 - 1/8 of a mile east southeast of the Site. This facility is cross referenced on the FINDS, CERC-NFRAP, Los Angeles Co. HMS, CORTESE, CA FID UST, EMI, HIST UST and LUST databases. EDR reports this facility as a small quantity generator with no recorded violations. This property has however, had known contamination of soil and groundwater that has resulted in remediation being conducted. Based on the information reviewed SECOR has identified this facility as a REC.

Rotary Technologies Corporation – 1468 West 178th Street, located approximately 1/8 to 1/4 of a mile to the east southeast of the Site. This facility is cross referenced on the FINDS, Los Angeles Co. HMS and HAZNET databases. EDR reports this facility as a small quantity generator with no recorded violations. Based on the lack of violations and down gradient location of this facility in respect to the Site, it is unlikely that this facility has environmentally impacted the subject property.

Four companies were identified for the address 1610 Artesia Boulevard. The details are as follows:

Auto Body Connection, Shiges Foreign Car Service, Classic Automotive and Autobody Connection – 1610 Artesia Boulevard located approximately 1/8 to 1/4 of a mile

to the north northwest of the Site. This facility is cross referenced on the FINDS, Los Angeles CO. HMS, CA FID UST and HAZNET databases. EDR reports this facility as a small quantity generator with no recorded violations for any of the companies provided. Although considered upgradient from the Site, based on the absence of violations and location of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

CAL-SITES

One CAL-SITES facility was identified in the EDR database search and is the Gardena Sumps Superfund Site located on the southwest corner of Artesia and Normandie Avenue, as detailed previously.

CORTESE

Nine CORTESE sites were identified in the EDR database search and are as follows:

Morton International, Inc. (Bee Chemical Company) – 1500 West 178th Street, located approximately 0 - 1/8 of a mile east southeast of the Site. This facility is cross referenced on the FINDS, CERC-NFRAP, Los Angeles Co. HMS, CA FID UST, EMI, HIST UST and LUST databases. EDR reports this facility as a small quantity generator with no recorded violations. This property has however, had known contamination of soil and groundwater that has resulted in remediation being conducted. Based on the information reviewed SECOR has identified this facility as a REC.

Aladdin Plastics, Inc. – 1415 West 178th Street, located approximately 1/8 to 1/4 of a mile to the east of the Site. This facility is cross referenced on the CERC-NFRAP and REF databases. Based on the down gradient location of this facility, it is unlikely that this facility has environmentally impacted the subject property.

United Oil #44 (UNOCAL) – 18130 South Western Avenue, located approximately 1/4 – 1/2 of a mile to the southwest of the Site. This facility is cross referenced on the Los Angeles Co HMS and LUST databases. Based on the distance and cross gradient location of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

Honeywell, Inc. – 17300 Western Avenue, located approximately 1/4 – 1/2 of a mile to the northwest of the Site. This facility is cross referenced on the RCRIS-SQG, FINDS, CERC-NFRAP, CA SLIC, LUST and CA WDS databases. Although this site has reported violations as a small quantity generator and a LUST, the site achieved compliance for Generator-All Requirements (Oversight) and received a “case closed” status for gasoline impacted groundwater and its subsequent clean-up via pump and treat techniques. The facility is upgradient from the Site but based upon the distance of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

Mobil #18 EDP (Former #11 – EDP) – 18203 Western Avenue, located approximately 1/4 - 1/2 of a mile southwest of the Site. This facility is cross referenced on the LUST and HAZNET databases. Based on the distance and cross gradient location of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

A-Action Radiator/ I-7869 – 6403 East Florence Avenue, located approximately 1/4 to 1/2 of a mile to the northwest of the Site. This facility is cross referenced on the Los Angeles Co. HMS, CA FID UST, HAZNET and LUST databases. This facility has a case closed status for gasoline impacts described as “other groundwater affected”. Abatement method comprised the excavation and disposal of contaminated soil to an approved site. Based on the case closed status of the facility and distance from the Site, it is unlikely that this facility has environmentally impacted the subject property.

Gardena Sumps – Southwest corner of Artesia Avenue and Normandie Avenue, located approximately 1/4 – 1/2 of a mile to the east northeast of the Site. This facility is cross referenced on the CORTESE, AWP, CAL-SITES, CA BOND EXP.PLAN databases. Additional information regarding the Gardena Sumps Superfund Site is included in Section 3.13.

ARCO #1235 – 1800 West Artesia Boulevard, located approximately 1/4 - 1/2 of a mile northwest of the Site. This facility is cross referenced on the LUST databases. The status of the facility is described as gasoline pollution characterization with the lead agency listed as the Regional Board (LARWQCB). Although the facility is upgradient from the Site, based on the knowledge that a responsible party has been identified and the distance of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

CHEVRON # 9-2445 – 17400 Western Avenue South, located approximately 1/4 - 1/2 of a mile northwest of the Site. This facility is cross referenced on the HAZNET and LUST databases. The status of the facility is described as a gasoline release from a UST with “other groundwater affected”. Abatement method is described as vapor extraction and the lead agency listed is the Regional Board (LARWQCB). Although the facility is upgradient from the Site, based on the knowledge that a responsible party has been identified and the distance of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

SEARS Roebuck & Company – 1917 West Artesia Boulevard, located approximately 1/4 to 1/2 of a mile west northwest from the Site. This facility is cross referenced on the LUST databases. The status of this site is case closed and described as a gasoline release with “other groundwater affected”. Although the facility is upgradient from the Site, based on the knowledge that a responsible party has been identified, the case closed status and the distance of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

Theim Industries – 1918 West Artesia Boulevard, located approximately 1/4 to 1/2 of a mile west northwest of the Site. This facility is cross referenced on the LUST databases. The status of this site is “leak being confirmed” and described as a gasoline release with “other groundwater affected”. Although the facility is upgradient from the Site, based on the knowledge that a responsible party has been identified and the distance of this facility from the Site, it is unlikely that this facility has environmentally impacted the subject property.

WMUDS/SWAT

Three WMUDS/SWAT facilities were identified in the EDR database search. However, one of the facilities is the Gardena Sumps as previously described. The two remaining facilities are located

1/4 to 1/2 of a mile to the west northwest and north west. Although upgradient from the Site based on the distance of these facilities from the Site, they are considered unlikely to have environmentally impacted the Site.

LUST

Nine LUST facilities were identified in the EDR database search. However, three of the facilities listed in the EDR report are located in either a cross or down gradient direction. Thus, these three facilities are unlikely to have environmentally impacted the Site. The remaining six facilities (**Honeywell Inc., A-Action Radiator/ I-7869, Arco #1235, Chevron # 9-2445, SEARS Roebuck & Co. and Them Industries**) are discussed above in the CORTESE database review.

BEP/CA BOND EXP. PLAN

One BEP/CA BOND EXP. PLAN facility was identified in the EDR database search. The facility listed is the Gardena Sumps Superfund Site as described in Section 3.13 of this report.

CA FID

Two CA FID facilities were identified in the EDR database search. One of the facilities is the Morton International Inc, (Bee Chemical Company) facility located at 1500 West 178th Street as previously documented in this report. The remaining facility is the SHIGES Foreign Car Service facility located on 1610 West Artesia Avenue as identified in the US EPA RCRIS-SQG, FINDS, LOS ANGELES CO. HMS, CA FID and HAZNET databases as discussed above.

HIST UST

Two facilities (three listings/companies for one address) with historic USTs were identified in the EDR database search within a one-quarter mile radius of the Site. The closest facility is Morton International Inc. (former Bee Chemical) located less than 1/8 of a mile from the Site and previously described in Section 3.13 of this report. Although up gradient from the Site, the other listing is not likely to have impacted the Property based on the distance from the Site and the absence of both violations and/or known unauthorized releases from the facility.

US BROWNFIELDS

One US BROWNFIELD site was identified in the EDR database search and is the Gardena Sumps Superfund Site documented in Section 3.13 of this report.

REF

One REF facility was identified in the EDR database search and is the Aladdin Plastics Inc. facility as previously described under the CORTESE database listings. Facilities are listed in the database when contamination has not been confirmed and which were determined as not requiring DTSC Site Mitigation Program action or oversight. Accordingly, these facilities have been referred to another local regulatory agency.

CA SLIC

One facility was identified in the CA SLIC database within a 1/2 mile radius of the Site. The facility is listed as **Honeywell Inc.**, and is detailed above in the CORTESE database.

4.2 CITY, COUNTY AND STATE RECORDS REVIEW

4.2.1 City of Gardena Building, Planning and Fire Prevention Departments

SECOR staff visited the City of Gardena Building, Planning and Engineering Departments and the City of Gardena Fire Prevention Departments on April 21, 2004 to research permits that may be on file for the Site. A representative from the fire department referred SECOR to the Los Angeles County Department of Public Works (LACDPW) with respect to information pertaining to the use, storage or transfer of hazardous materials at the Site. Building permits exist for the Site address of 1515 West 178th Street and indicate that the existing office/warehouse building was constructed in 1961. Records include electrical, plumbing, and building applications. SECOR did not review any documents that indicate the former or current presence of under ground or above ground storage tanks used for storing hazardous materials. No environmental conditions were identified at the Site as a result of a review of historical building and planning permit records.

4.2.2 Regional Water Quality Control Board (RWQCB), Los Angeles Region (1)

SECOR staff contacted the Los Angeles Regional Water Quality Control Board (LARWQCB) to request a review of files pertaining to the Site, as well as the former Bee chemical property located at 1500 West 178th Street. As of the date of this report, the LARWQCB staff has not contacted SECOR to confirm the existence of files for either the Site or 1500 West 178th Street.

4.2.3 Los Angeles County Department of Public Works (LACDPW)

SECOR staff contacted the LACDPW in Alhambra to research permits that may be on file for the Site. The LACDPW indicated that they had files for the Site located at 1515 West 178th Street, as well as a file pertaining to the former Bee Chemical Company located at 1500 West 178th Street. Information obtained from a review of the files on April 21, 2004 and pertaining to the Site is incorporated into Sections 3.13 and 5.5 of this report and included in Appendix F (Supporting Documentation) and Appendix G (Adjacent Land Use Supporting Documentation).

5.0 HISTORICAL RECORDS REVIEW

SECOR developed an understanding of past use of the property through research of the following available information resources.

5.1 AERIAL PHOTOGRAPHIC REVIEW

Aerial photographs for the property and surrounding areas were ordered from EDR to evaluate historical usage of the site and adjacent properties. The general activity on a property and land use changes can often be discerned from the type and layout of structures visible in aerial photographs and maps; however, specific elements of a site operation cannot normally be determined.

The following aerial photographs of the Site and surrounding areas were examined during SECOR's historical investigations.

1. Photographer: Fairchild

Date: 1928

The Site appears to have agricultural use, as a result potential for pesticides is a REC. The surrounding properties appear to be used for residential, commercial and agricultural use. The Site is bound by agricultural use on all sides and regionally the road for the Harbor Freeway is in place. The Dominguez Channel has not yet been developed.

2. Photographer: Laval

Date: 1938

The Site and surroundings appear similar to the 1928 photograph except the property appears to be utilized with row crops.

3. Photographer: Fairchild

Date: 1947

The Site remains similar to the previous photographs. Regionally, north of the site is now developed with residential tract housing. The nearby surrounding properties continue to develop with more residential and commercial use.

4. Photographer: Fairchild

Date: 1956

The Site appears to now be a vacant lot with a few trees on the property. The region south of the Site has been fully developed with a mixture of mostly residential dwellings with some commercial/industrial buildings. The Dominguez Channel appears to be in the process of being constructed to the north of the Site. The properties near the current Dominguez Channel have either remained vacant or used for agriculture.

5. Photograph: Fairchild
Date: 1965

The Site has now been developed with a single large structure that matches the existing warehouse building and surrounding parking spaces on the Site. Construction activities on the Dominguez Channel appear to have been completed due north of the Site. Regionally, residential tract housing has developed northeast of the Site. Additionally, south of the Site, residential tract housing has filled in the remaining vacant/agriculture properties.

6. Photograph: Teledyne
Date: 1976

The Site and surrounding area is relatively unchanged from the present day layout.

7. Photograph: USGS
Date: 1989

The Site and surrounding area is relatively unchanged from the present day layout.

8. Photograph: USGS
Date: 2002

The Site and surrounding area is relatively unchanged from the present day layout.

SECOR's interpretation of historical aerial photographs indicates the Site was developed with agricultural use from at least 1928 to sometime between 1956 and 1961. The Site was developed in 1961 as confirmed by building records obtained for the Site. The footprint of the building is relatively unchanged from the present day layout. The former Bee Chemical facility located on the opposite side of West 178th Street is a known source of impact to groundwater. Based on the Site's history of agricultural use, SECOR recommends a shallow subsurface investigation to determine if impact has occurred from potential pesticide use. Copies of the Aerial Photographs are included in Appendix C.

5.2 FIRE INSURANCE MAPS

Available Fire insurance maps were requested from Environmental Data Resources. No Sanborn Fire Insurance maps were available for the Site vicinity.

5.3 HISTORICAL CITY STREET DIRECTORIES

Available historical City Directories were requested from EDR for the Site address of 1515 West 178th Street, Gardena. The directory produced by Pacific Telephone in 1962 lists Globe Illumination Co. which is the first company listing at that address and confirms the first known and reported development of the Site in 1961. Two companies are listed in the directory issued by Pacific Telephone in 1980 suggesting dual use. Other than Globe illumination Co., the other company listed (Pertainer Inc.) is unknown in terms of business use. Malco Co. is listed in the directory produced by Pacific Bell in 1990 and again the business use is unknown. Ortho Mattress Inc. is listed in the 1995 Pacific Bell directory. Information pertaining to the Globe

Illumination Co. is provided in Section 5.5 of this report. The area has historically been used for commercial and light to heavy industrial land use. Although the Site was used by the Globe Illumination Co. and thus, suggesting a light industrial manufacturing use of the Site, no recognized environmental conditions (RECs) were observed during SECOR's review of historical city directories for the Site address. Adjacent notable surrounding land use includes sheet metal, dump truck servicing, aggregate supply, roofing, metal and plastics testing labs, automatic equipment, chemical companies, metal finishing, auto repair, aerospace related industries and other companies (use unknown). A copy of the city directory abstract is included as Appendix D.

5.4 HISTORICAL TOPOGRAPHIC MAPS

Available historical topographic maps were requested from EDR for the Site and surrounding properties. Maps from the years 1924, 1934, 1951, 1964, Photorevised 1964-1972, and Photorevised 1964-1981 were reviewed to fill in historical data gaps from the aerial photographic and city directory reviews. The maps from 1924 to 1951 indicate the Site was undeveloped and likely comprised agricultural or vacant scrub land until the first indication of the development of the site with the current office/warehouse structure shown on the map dated 1964. The area is a mixture of commercial, industrial and residential properties from about 1951 onwards. Other than the manufacturing use of the Site from 1961 onwards, there were no obvious recognized environmental concerns identified during SECOR's review of historical topographic maps for the Site. Copies of the historical topographic maps are included in Appendix E.

5.5 FORMER ENVIRONMENTAL REPORTS

The Olson Company provided SECOR with documents forwarded by the current owner (Mr. Leonard Rosenblatt) of the Site. The following section provides a summary of the documents reviewed by SECOR, which are included in Appendix F:

Phase I Environmental Site Assessment Report, 1515 West 178th Street, Gardena, California, prepared by Targhee, Inc., dated July 23, 1990.

A Phase I Environmental Site Assessment (ESA) report was prepared for the Site on July 23, 1990. The ESA comprised a records review and an on-site inspection conducted on July 12, 1990. The findings of the report indicate the Site was vacant at the time of the site inspection and was formerly occupied by Globe Illumination, a manufacturer of light fixtures. The company filed for Chapter 11 bankruptcy in early 1989 and ceased operations at that time. Prior to the construction of the warehouse office building in 1961, the land was formerly used for agricultural purposes. Prior to 1928, the land was reportedly natural scrub vegetation. The ESA reported that the Site is bordered or extremely close to three sites of concern. These were identified as Bee Chemical, Aladdin Plastics and a former smelter located due east of the Site. The report states that the balance of sites referenced in the Agency Review section are sufficiently distant and do not pose a potential for adverse environmental impacts to the Site.

The ESA reports in its conclusions that Bee Chemical had installed an extensive groundwater monitoring network on and adjacent to its property. There is confirmed groundwater contamination both on and off Bee Chemical's site by chlorinated solvents and gasoline compounds. The groundwater gradient in the area appears to be towards the south/southeast, away from the Site with respect to Bee Chemical. Chlorinated solvents have been detected in Bee chemicals up-most

gradient well (located in the middle of 178th Street). An on-site source of the gasoline components was discovered and subsequently removed several years ago. The Regional Water Quality Control Board (RWQCB) was reportedly involved with the assessment and remediation of this site. An off-site source for the chlorinated organic compounds was been postulated by the Water Board.

Alladin Plastics had reportedly addressed waste oil contamination at its site approximately 1,000 feet east of the Site. Between the Site and Alladin Plastics was a vacant parcel formerly occupied by a metal smelting facility. The facility removed four UST's in 1987 and no evidence of contamination was reportedly noted. A limited subsurface investigation was conducted on this site in 1988. No elevated levels of heavy metals or chlorinated solvents were detected at the locations sampled during the investigation.

Targhee report that records maintained by two regulatory agencies indicate that Globe illumination did not use chlorinated solvents in their production process. Targhee report that "if this information is factual, then there is only a minimal likelihood of involvement in the Bee Chemical remediation. However, the discovery of unknown subsurface contamination at the rear of the facility may result in the RWQCB ordering subsurface investigations on the Site in conjunction with the Bee Chemical investigation". Targhee state that there is a minimal to non-existent potential for inclusion in either site assessment or remediation activities associated with the Aladdin Plastics site or the improved parcel located due east of the site. Targhee also comment on the presence of containers used for storing chemicals on the Site and report that "the nature of limited quantities of materials contained in 55-gallon drums and five-gallon cans located at the rear (north) of the facility is unknown. While the contents of these cans and drums may require handling and disposal as hazardous wastes, in their present intact condition they pose only a minimal potential of adverse environmental impacts to the subject site itself". Targhee also reported that the flammable liquid storage room and the trough discharging from the maintenance area are two areas of potential concern. They indicate that it was difficult to determine the exact nature of the potential adverse impacts observed a these two locations and that while there are visual and olfactory indications of contamination not to the subsurface but in the drain to the sanitary sewer system. They also comment that it is likely that the physical damage was the result of wear and impact and that while staining and residues were observed in this area and spills were likely during past operations, the physical characteristics of the materials render transport of these materials into the near subsurface unlikely.

Limited Subsurface Investigation Report, 1515 West 178th Street, Gardena, California, prepared by Targhee, Inc., dated July 24, 1990.

A limited subsurface investigation was conducted at the site by Targhee on July 18, 1990. The scope of work comprised the collection of two unconsolidated soil samples (B-1-6" and B-1-2') from an unpaved area, gravel covered area located beneath a trough at the north end of the facility. Targhee reported that the subsurface contamination was suspected at this location due to heavy surficial staining. Additionally, a grab sample of the free liquid (FD-1) standing in the floor drain of the flammable liquid storage room was obtained. Both the soil and liquid samples were analyzed for the presence of petroleum hydrocarbon contamination by EPA Test Method 418.1, halogenated organic compounds by EPA Test Method 8010 and volatile aromatic compounds by EPA Test Method 8020. Total Recoverable Petroleum Hydrocarbon (TRPH) concentrations of 14,000 mg/kg and 12,000 mg/kg were detected in the soil samples designated B-1-6' and B-1-2'. Trichloroethane, ethylbenzene and xylenes was detected in soil sample B-1-6" at a concentration of 820, 850 and 2800 $\mu\text{g}/\text{kg}$, respectively. Trichloroethane, chlorobenzene, ethylbenzene, toluene and xylenes were detected in soil sample B-1-2' at a concentration of 5,000, 890, 4,700, 1,300 and 17,000 $\mu\text{g}/\text{kg}$,

respectively. The grab sample of fluid labeled FD-1 reported a TRPH concentration of 370 mg/L, Dichloroethane and Toluene at a concentration of 6,100 and 10,000 $\mu\text{g/L}$ (although reported by Targhee as $\mu\text{g/kg}$), respectively. The liquid also reported a pH concentration of 5.7. Targhee reported that "subsurface contamination is present at potentially significant levels at the rear of the facility below the trough and that the contamination does not attenuate with depth. They furthermore state that "the lateral and vertical extent of the contamination is unknown as is its potential impact on groundwater". Targhee concluded that "the discovery of subsurface contamination by both chlorinated and aromatic hydrocarbons increases the probability of this sites inclusion in groundwater investigations and remediation vis-à-vis the Bee Chemical site located due south of the Site. If groundwater has not been impacted, remediation of the limited soil contamination is nonetheless recommended". Targhee recommended an additional subsurface investigation be completed to delineate the lateral and vertical extent of the contamination at the rear of the facility that should comprise a minimum of three 20 foot soil borings and the collection of discrete, undisturbed soil samples at depths of five, ten and twenty feet below ground surface (bgs). Samples should be analyzed for the presence of various organic compounds by the same methods cited above. They also advise that other potential disposal routes on site may require some investigation, which include the storm drain located at the northwest corner of the building and the floor drain in the storage area.

Report of Drilling and Soil Sampling – 1515 West 178th Street, Gardena, California, prepared by Targhee, Inc., dated August 10, 1990.

Targhee completed four soil borings (3 borings using a hollow stem auger rig and one using a hand auger) near the northern edge of the building at the Site on August 10, 1990. The purpose of the soil borings was to collect subsurface soil samples that would help define the extent of soil contamination detected previously in surface samples in the area. The holes were designated "West Hole", "Center Hole", and "East Hole". The hand auger soil boring was labeled "Outfall Hole". Targhee concluded that the contamination has not migrated vertically. Rather, it has spread laterally along the entire length of the railroad tracks. Targhee report that additional analyses for heavier hydrocarbons were being conducted and that the results were expected on August 22, 1990.

Results of Additional Laboratory Analyses, 1515 West 178th Street, Gardena, California, prepared by Targhee, Inc., dated August 27, 1990.

Letter report prepared by Targhee documenting the results of additional laboratory analyses conducted on soil samples which were obtained during the Limited Subsurface Investigation completed on July 18, 1990. The letter report summarizes the results of all investigations to date and provides recommendations regarding future activities at the site. Four soil samples (West Hole 5 ft., Center Hole 5 ft., East Hole 5 ft., and outfall 7 ft. were analyzed via EPA Test Method 418.1 to detect the presence of heavier hydrocarbon species (such as oils, greases etc.). The results indicated TRPH concentrations of 20, 35, 15 and 135 mg/kg in soil samples West Hole 5 ft., Center Hole 5 ft., East Hole 5 ft. and outfall 7 feet, respectively. Targhee report that based on the limited site investigation only, the analyses indicate that the contamination at the site appears to be concentrated at the outfall located at then center rear of the building. Contamination, consisting of both aromatic and chlorinated hydrocarbon species, is present at the outfall to depths of probably no more than eight to ten feet. Contamination spreads in an east-west direction, along the direction of the railroad spur, at shallower depths (one to two feet) to the end of the spur on the west and the parking lot on the east. The concentration appears to decrease in a northerly direction as the berm at the property line is approached. Targhee report that "no conclusions are drawn concerning migration to the south but it is probable that at least some contamination has migrated under the

concrete footings, most probably near the center outfall". They also indicated that "the possibility of off-site migration due to surface run-off at the unpaved swale leading northwest from the spur area cannot be discounted.

Targhee concluded that while petroleum-based hydrocarbon contamination is present at those sample locations, it is at levels which present minimal environmental concern. These results, taken into account with earlier analytical data indicate that minimal vertical migration of the contamination has occurred at the site. Targhee reported that "while evidence appears to discount the probability that this contamination has the potential, or has in actuality contaminated the upper-level aquifer in the area, Targhee nonetheless recommends that the RWQCB be informed of the proposed remedial action comprised of the physical removal of the contaminated soils (estimated at approximately 300 cubic yards or 360 tons), stockpiling the soils on site to assure complete removal of the contamination, disposal of the soil by appropriate means, and finally by backfilling and compacting the excavated area".

Targhee emphasize that notification to the RWQCB is essential to assure the owners non-involvement with the Bee Chemical site located across West 178th Street and to establish, officially the fact that Globe has not contributed to that groundwater contamination.

Soil Excavation Report (including Soil Compaction Report prepared by NorCal Engineering dated May 10, 1991), 1515 West 178th Street, Gardena, California, prepared by Pomona Valley Environmental, Inc. (PVE), dated May 9, 1991.

A letter report was issued to Mr. Rosenblatt by PVE that documented the excavation and removal of 397.40 tons of soil. The letter report states that the soils removed (cold process paving materials) were used as paving for a Kmart parking lot. The compaction report documents compaction tests that were performed under the direction of a PVE representative. The relative compaction was reportedly determined by the Drive Tube Method (ASTM D-2937) with the maximum density of the fill soils obtained by the laboratory standard (ASTM D 1557-78). The relative compaction was 91% with the maximum dry density 124 pounds per cubic foot (lbs/cu.ft.).

Closure Report #019121 prepared by Pomona Valley Environmental, Inc. (PVE) undated.

A Closure Report was issued by PVE that presented a summary of the methods utilized to excavate, remove and dispose of the contaminated soil at 1515 West 178th Street, Gardena, California. PVE reported that a criterion of 100ppm using a "TLV Bacharach Sniffer" was used to screen the soil until no staining was visible. A field laboratory was also used to check the area of excavation for "hot spots". PVE reported that any areas that had a reading of 100ppm or higher were removed until the soils had a concentration of less than 100 ppm. At this time, samples were taken to Precision Labs and analyzed by 418.1 and 8240 to confirm the area was "clean". The closure report indicates that 397.4 tons of soil was transported to PVE at 9800 Beau Avenue, Riverside for incorporation into Cold Process Paving Materials. The material was used for paving materials at a Kmart superstore. PVE concluded that based upon the fieldwork performed by PVE and the results of analyses of soil samples collected, no further work is deemed necessary.

Without reviewing files for the Site at the LARWQCB, there is no indication that a "closure and no further action" was issued for the Site by the LARWQCB.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The Site is located in the City of Gardena, Los Angeles County, California. The Site consists of approximately 4.501 acres of land located on the north side of West 178th Street and is addressed as 1515 West 178th Street. The Site is located within a mixed industrial, commercial and residential area. The Site is bound to the north by a parcel of land currently used by riding stables with the Dominguez Channel located beyond; to the east by modern commercial and light industrial office buildings; to the south by West 178th Street and Commercial/light industrial properties (including the currently vacant, former Bee Chemical property) and to the west by a residential trailer park.

The Site comprises one large combined office and warehouse building of approximately 95,000 square feet. Information obtained from a review of building permits held at the City of Gardena Building and Safety and Planning Departments indicate the building was constructed in 1961 with minor remodeling occurring since that time. Prior to the construction of the warehouse office building in 1961, the land was formerly used for agricultural purposes. Other than general warehouse use in recent years, the Site was primarily occupied by Globe Illumination Company, which manufactured light fixtures.

Although the Site is currently branded on the exterior of the office/warehouse building with 'Power Trans Freight Systems, Inc.', the property is currently used by four other companies, which are all involved in the exporting and importing (shipping, transportation and handling) of goods between America, China and Korea. Products typically handled at the Site include various plastic toys, electronic goods and clothing.

Equipment reportedly used by the Globe Illumination Company is currently stored towards the northern portion of the warehouse building. The unused equipment comprised wooden pallets, old conveyor belts and an assortment of machinery parts. One of the storage rooms located towards the southeast corner of the warehouse area also contained an assortment of unused office equipment (computers/files/papers/box files), wooden pallets, worn tires, and empty gas bottles (LPG). The housekeeping of the area was poor and reportedly not used by the current occupants.

Two solid waste dumpsters were observed towards the northwest corner of the warehouse building. The large quantities of trash observed across the exterior areas of the Site suggest poor housekeeping and waste management practices rather than an insufficient number of dumpsters available to handle the quantity of solid waste generated at the Site. A substantial amount of worn tires, plastic oil containers and vehicle batteries have also been dumped in both interior and exterior areas of the Site. The maintenance of the dumpsters and disposal of refuse within the units is managed by Waste Resources, Inc. of Gardena. This is not identified as a recognized environmental condition (REC), but a management issue where SECOR recommends the worn tires, vehicle batteries and plastic oil containers that were observed throughout the Site be removed prior to acquisition.

Two wooden pallets of packaged chemicals were observed towards the northwest corner of and outside of the warehouse building/canopy area and were reportedly left over from the former users of the Site (likely, Globe Illumination Company). One wooden pallet comprised approximately 36 individual plastic 20 liter containers and was labeled "Bio-Strip GR12" (paint and graffiti remover). Some of the containers were damaged, cracked and had released their contents onto the concrete

floor surface in this area. The other wooden pallet contained approximately 30 individual 20 liter plastic tubs of "Rust-Tel". The label was heavily weathered but indicated that it was a rust converter and neutralizer and used for removing red-rust prior to painting. The surface concrete in this area was in good condition and free of major cracks or damage. There is the potential however, for surface water runoff to mobilize the chemicals that had been released from the damaged containers into the former railroad track along the northern most boundary of the Site. This area is considered a REC based on the potential release of chemicals into the subsurface soils located along the northern boundary of the Site. SECOR recommends a subsurface assessment in this area to evaluate if any impact has occurred that would warrant further assessment or clean up.

Impacts to soil (chlorinated solvents including tetrachloroethane) were identified along the northern portion of the Site in 1990, which resulted in a subsurface investigation, excavation of impacted soils and the issuance of a closure report prepared by Pomona Valley Environmental (PVE) in 1991 that presented a summary of methods utilized to excavate, remove and dispose of the contaminated soil identified at 1515 West 178th Street, Gardena, California. PVE reported that any areas that had a reading of 100 ppm or higher were removed until the soils had a concentration of less than 100 ppm. At this time, samples were taken to Precision Labs and analyzed by EPA Test Method 418.1 and 8240 to confirm the area was "clean". The closure report indicates that 397.4 tons of soil was transported to PVE at 9800 Beau Avenue, Riverside for incorporation into Cold Process Paving Materials. The material was used for paving materials at a Kmart superstore. PVE concluded that based upon the fieldwork performed by PVE and the results of analyses of soil samples collected, no further work is deemed necessary.

The data does not indicate that closure was received from the regulatory agencies. Additionally, the 100 ppm clean up level utilized by PVE for the site clean up exceeds the U.S. EPA Region 9 residential preliminary remediation goal (PRG) for several of the detected solvents in soil. As a result, SECOR has identified this as a REC and recommends further assessment in this area to evaluate the residual impact in soil and groundwater as it may affect site development and regulatory closure.

The relatively new commercial office buildings directly to the east of the site appear to be used for light manufacturing purposes (Matsui International Co. located at 1501 West 178th Street reportedly have a discharge permit for cleaning operations associated with production and printing screens used in laboratories). No recognized environmental conditions were observed on the adjacent land to the east of the Site.

The commercial/light industrial properties located directly to the south and down gradient to cross gradient of the Site on the opposite side of West 1278th Street appear to be older with heavier industrial manufacturing use that ranges from a die casting company, engine repair and supply company, as well as a currently vacant commercial building that was formerly occupied by The Bee Chemical Company. The former Bee Chemical Company located at 1500 West 178th Street is a recognized environmental condition due to the historic storage, transfer and use of chemicals, that resulted in the removal of 10 UST's, and remedial action that involved excavation of impacted soils and the removal of free product from groundwater beneath the property. The current status of corrective action conducted at this site is also unknown. SECOR has identified this facility as a REC as discussed below.

Gardena Sumps located on the southwest corner of Normandie Avenue and Artesia Boulevard is a Superfund Site located approximately one quarter to one half of a mile upgradient to the east northeast of the Site. The Gardena Sumps have been described (taken from the EDR Report)

as “An abandoned refinery and oil field waste disposal site, in which the wastes were believed to have been disposed of in sumps over a 15 year period ending in the 1950’s”. Based on information gathered from the site investigators it was determined that impact from this facility has not migrated to the subject property. As a result, no further assessment is recommended.

Based on the site inspection conducted by SECOR and a review of information pertaining to the Site and adjacent surrounding land use, the following recognized environmental conditions (RECs) were identified that would require further assessment:

- Former activities conducted at the Bee Chemical Property located at 1500 West 178th Street has resulted in significant impacts to soil and groundwater from volatile organic and chlorinated solvent compounds. Although groundwater is reported to flow in a direction towards the south southeast (away from the site), impacts to groundwater were historically detected in an up gradient monitoring well located in the middle of West 178th Street directly adjacent to the subject Site.. The current status of local groundwater quality is unknown. SECOR has submitted a request to review files at the LARWQCB, however SECOR has not received an appointment to review files to date. SECOR recommends further effort to attain and review the reports from the LARWQCB.
- Based on the known contaminative use of land on the adjacent (Bee Chemical Company), which has resulted in identifiable impacts to localized soil and groundwater, there is a potential for the onsite migration of these contaminants (volatile organic and chlorinated solvent compounds) onto or beneath the Site. Based on the proposed future use of the Site (residential purposes), SECOR recommends a subsurface investigation to evaluate environmental impacts to subsurface soil and groundwater beneath the Site. Data obtained from the subsurface investigation should be used to evaluate the risks to human health posed by elevated concentrations of volatile organic and chlorinated solvent compounds in the subsurface.
- Based on the Site’s history of agricultural use, SECOR recommends that the shallow subsurface investigation include an evaluation of impacts to shallow soil resulting from the potential use of pesticides.
- Prior to acquisition of the Site, the two damaged wooden pallets of chemicals (paint and graffiti remover and rust converter and neutralizer) observed towards the northwest corner of the warehouse building should be removed by the owner. SECOR recommends a subsurface assessment in this area.

Although not recognized environmental condition, SECOR recommends the following issued be addressed:

- SECOR did not conduct lead-based paint or asbestos evaluations during the site reconnaissance. However, given the age of the structures (circa early 1960’s), lead-based paint and asbestos should be anticipated in the buildings. Prior to any disturbance of painted materials, SECOR recommends a comprehensive, AHERA-level asbestos sampling survey and Lead-Based Paint Survey be conducted.
- SECOR identified a management issue where worn tires, vehicle batteries and plastic oil containers that were observed throughout the Site. SECOR recommends these items be removed prior to acquisition.

7.0 CLOSURE

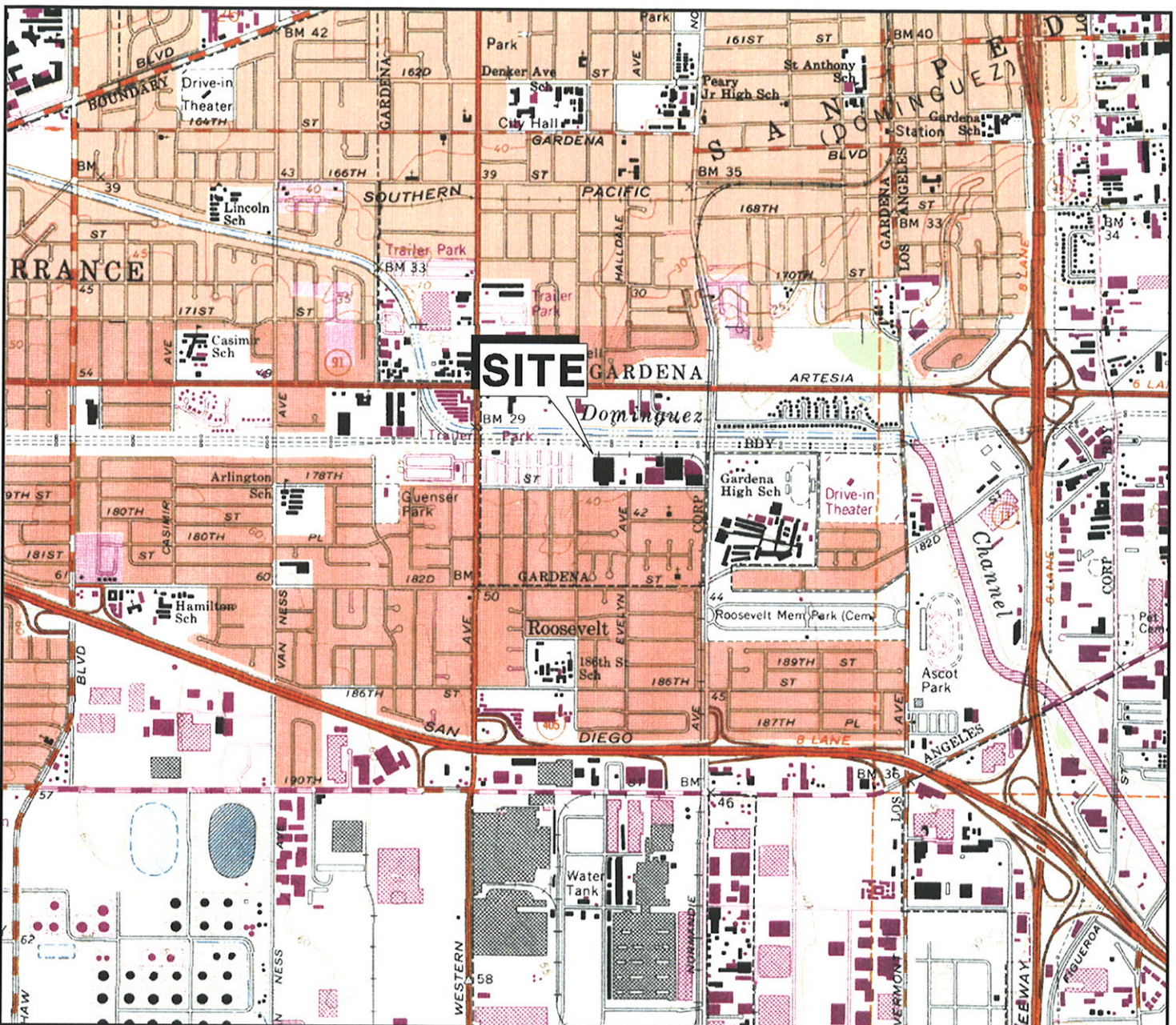
The conclusions and recommendations contained in this report/assessment are based upon professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location and are subject to the following inherent limitations. This environmental site assessment was prepared under the terms and conditions of SECOR's MSA with the Olson Company. To the extent any provision of this report conflict with the MSA, the MSA will govern:

1. The data and findings presented in this report are valid as of the dates when the investigations were performed. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.
2. The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Work. The Scope of Work was defined as set out in the Consulting Master Services Agreement between SECOR and The Olson Company "Master Services Agreement".
3. Unless otherwise stated in the report, because of the limitations stated above, the findings observations, and conclusions expressed by SECOR in this report are not, and should not be, considered an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation.
4. No warranty or guarantee, whether express or implied, is made with respect to the data or the reported findings, observations, and conclusions, all of which, however, accurately reflect site conditions in existence at the time of investigation.
5. SECOR Phase I ESA Reports present professional opinions and findings of a scientific and technical nature. While attempts were made to relate the data and findings to applicable environmental laws and regulations, the report shall not be construed to offer legal opinion as to the requirements of, nor compliance with, environmental laws, rules, regulations or policies of federal, state or local governmental agencies. Any use of the Phase I Report constitutes acceptance of the limits of SECOR's liability. SECOR's liability extends only to those parties defined in the Master Services Agreement and not to any other parties who may obtain the Phase I Report. Issues raised by the report should be reviewed by appropriate legal counsel.
6. This report is based, in part, on unverified information supplied to SECOR by third-party sources. While efforts have been made to substantiate this third-party information, SECOR cannot guarantee its completeness or accuracy.

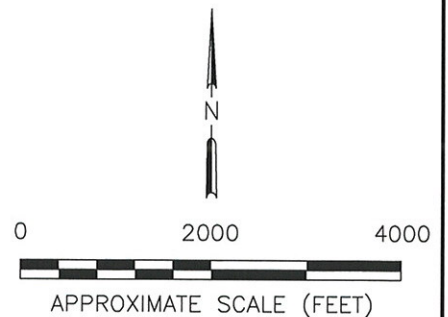
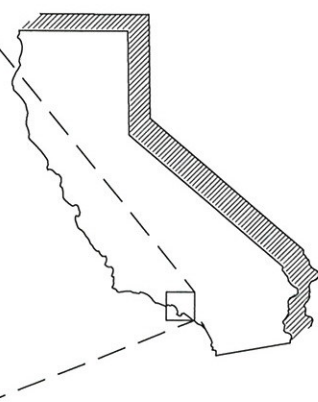
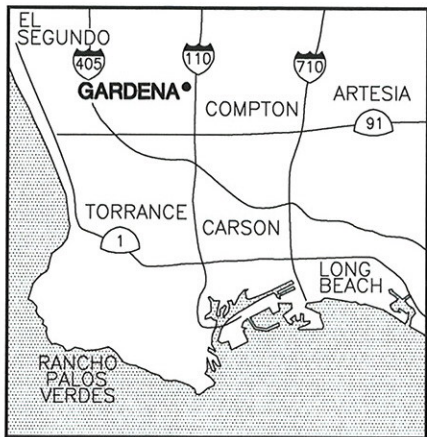
8.0 REFERENCES


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- Department of Oil, Gas and Geothermal Resources Index Map No. 300
- Environmental Data Resources, Inc. (EDR), *EDR Radius Map Report with GeoCheck, 1515 West 178th Street, Gardena, California*, EDR Inquiry No. 1173617-4, Dated April 19, 2004.
- Environmental Data Resources, Inc. (EDR), *EDR Aerial Photography Print Service, 1515 West 178th Street, Gardena, California*, EDR Inquiry No. 1173617.5, Dated April 21, 2004.
- Environmental Data Resources, Inc. (EDR), *EDR Historical Topographic Map Report, 1515 West 178th Street, Gardena, California*, EDR Inquiry No. 1173617-4, Dated April 20, 2004.
- Environmental Data Resources, Inc. (EDR), *EDR City Directory Abstract, 1515 West 178th Street, Gardena, California*, EDR Inquiry No. 1173617-7, Dated April 19, 2004.
- Environmental Data Resources, Inc. (EDR), *Sanborn® Map Report, 1515 West 178th Street, Gardena, California*, EDR Inquiry No. 1173617-4, Dated April 20, 2004.
- Los Angeles County Department of Public Works, Alhambra
- Pomona Valley Environmental Inc., *Soil Excavation Report* (including Soil Compaction Report prepared by NorCal Engineering dated May 10, 1991), 1515 West 178th Street, Gardena, California, dated May 9, 1991.
- Pomona Valley Environmental Inc., *Closure Report #019121*, (undated).
- Regional Water Quality Control Board, Los Angeles Region
- Targhee, Inc., *Phase I Environmental Site Assessment Report*, 1515 West 178th Street, Gardena, California, dated July 23, 1990.
- Targhee, Inc., *Limited Subsurface Investigation Report*, 1515 West 178th Street, Gardena, California, dated July 24, 1990.
- Targhee, Inc., *Report of Drilling and Soil Sampling*, 1515 West 178th Street, Gardena, California, dated August 10, 1990.
- Targhee, Inc., *Results of Additional Laboratory Analyses*, 1515 West 178th Street, Gardena, California, dated August 27, 1990.
- USGS 7.5 Minute Topographic Series Geologic Map, Torrance Quadrangle, Scale 1:24,000.

FIGURES



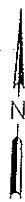
SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAPS, INGLEWOOD QUADRANGLE, 1964
 PHOTOREVISED 1981
 TORRANCE QUADRANGLE, 1964
 PHOTOREVISED 1981



 SECOR 290 Conejo Ridge Avenue, Suite 200 Thousand Oaks, CA 91361 (805) 230-1266 / 230-1277 (Fax)	FOR: THE OLSON COMPANY PHASE I ESA POWER TRANS FREIGHT SYSTEMS, INC. 1515 West 178th Street Gardena, California		SITE LOCATION MAP		FIGURE: <div style="font-size: 2em; font-weight: bold; text-align: center;">1</div>
	JOB NUMBER: 04OT.29213.41.001	DRAWN BY: R. Roman	CHECKED BY: L. Simons	APPROVED BY: L. Simons	DATE: 05/05/04

ARTESIA BOULEVARD

VACANT LOT



DOMINGUEZ WATER CHANNEL

RIDING STABLES/
PADDOCK

COMMERCIAL OFFICE
BUILDINGS

RESIDENTIAL
TRAILER
PARK

SUBJECT
PROPERTY

MATSUI
INTERNATIONAL

DRAINAGE EASEMENT

WEST 178th STREET

COX DIE
CASTING

VACANT LOT
(FORMER BEE
CHEMICAL FACILITY)

ANDERSON
REPAIR AND
SUPPLY INC.

ROGER LAWRENCE
& ASSOCIATES
(COMMERCIAL
OFFICES)

WEST 179th STREET

RESIDENTIAL

SOUTH HARVARD BOULEVARD

RESIDENTIAL

RESIDENTIAL

LA SALLE AVENUE

RESIDENTIAL

RESIDENTIAL

SOUTH DENKER AVENUE

EVELYN AVENUE

WEST 180th STREET

LEGEND

--- SUBJECT PROPERTY BOUNDARY

NOTES:

- MAP REFERENCES: COUNTY OF LOS ANGELES ASSESSOR'S MAPS, DATES VARY. USGS AERIAL IMAGE DATED MAY 31, 1994. NAD 83 CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE V (FT.). NOT A SURVEYED MAP, SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

0 300 600



APPROXIMATE SCALE (FEET)



SECOR

290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361
(805) 230-1266 / 230-1277 (Fax)

FOR:

THE OLSON COMPANY
PHASE I ESA
POWER TRANS FREIGHT SYSTEMS, INC.
1515 West 178th Street
Gardena, California

JOB NUMBER:

04OT.29213.41.001

DRAWN BY:

R. Roman

CHECKED BY:

L. Simons

APPROVED BY:

L. Simons

FIGURE:

2

DATE:

05/05/04

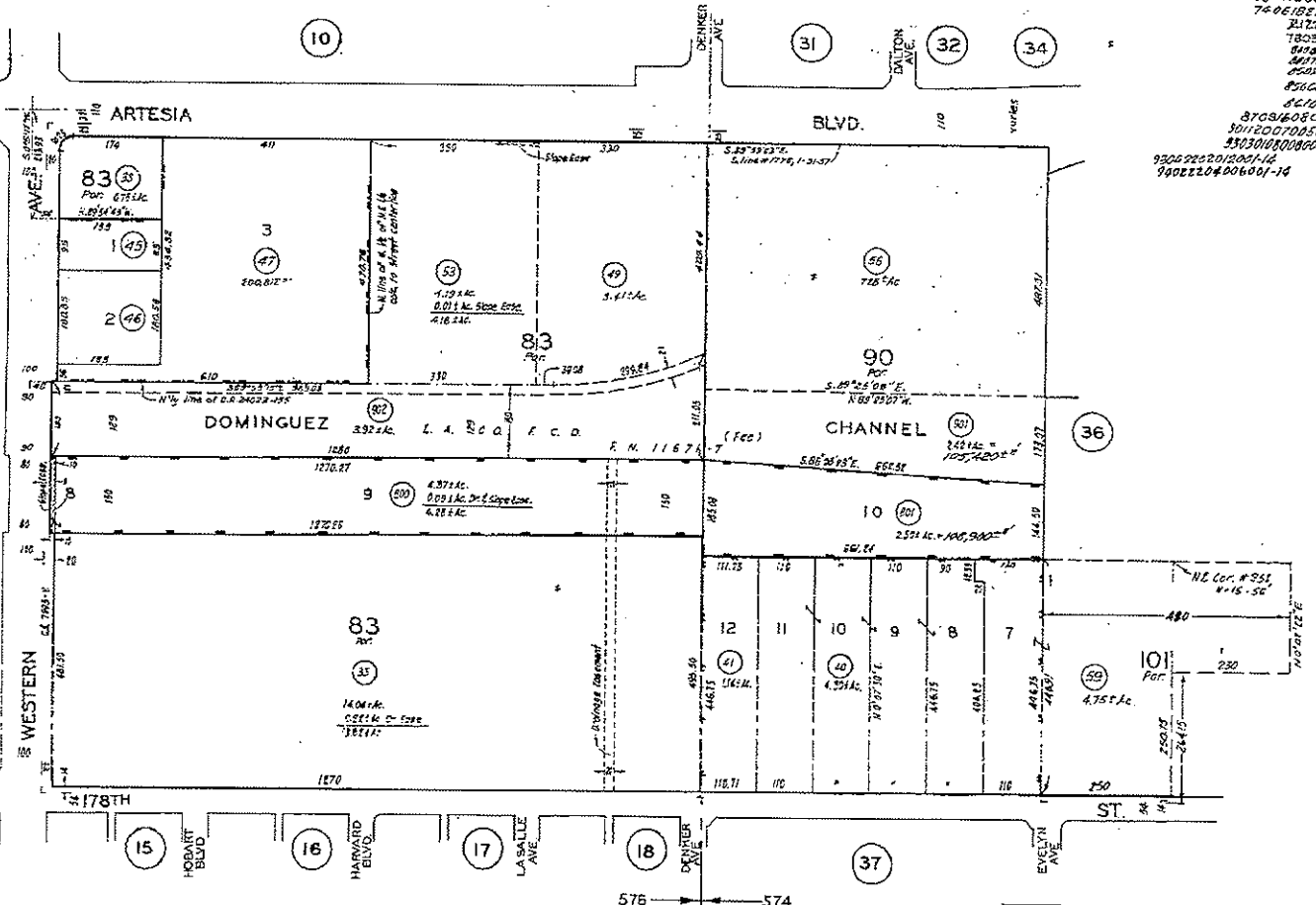
County of Los Angeles: Rick Auerbach, Assessor

6106 13
SCALE 1" = 200'

1994



BK. 4096



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CODE
574
576

FOR PREV. ASSMT SEE:
6106-13 & 38

M^c DONALD TRACT
SAN PEDRO RANCHO MR. 15-21-22
PROPERTY OF SOUTHERN CALIFORNIA
EDISON CO. LTD. MAP NO. 3 O.M. 1-56-59
TRACT NO. 26220 M.B. 673-56-57
PARCEL MAP P.M. 86-34

Street lines per M. 9, 15-21-22 are considered the lot lines in this tract, although the divisions of some lots are measured from the centerlines of the streets.

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

**APPENDIX A
SITE PHOTOGRAPHS**



Photograph No. 1

View looking west along front entrance of Site (southern boundary) along West 178th Street



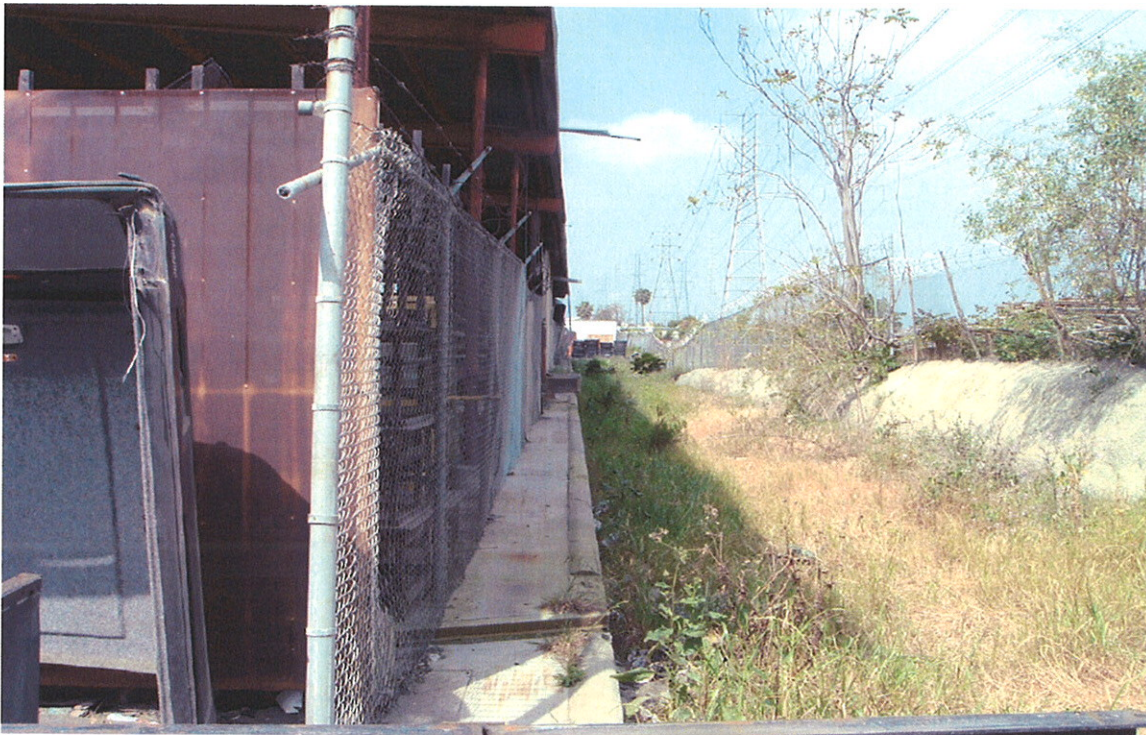
Photograph No. 2

View along east boundary of Site looking north.



Photograph No. 3

View along west boundary of Site, looking southwest towards adjacent residential trailer home park



Photograph No. 4

View along the northern boundary of the Site (former railroad that trends east to west).



Photograph No. 5

View of main entrance to office area. Materials observed in this area are typical of the materials used in the office suites. The door in the background leads to the warehouse area.



Photograph No. 6

View of central office building located in the warehouse. Rooms include a gym, kitchen, restrooms and general office space.



Photograph No. 7

An assortment of items (box files, empty gas bottles, worn tires, office furniture etc.) observed in the storage room located towards the southeast corner of the warehouse building.



Photograph No. 8

View of storage area located in the northern portion of the warehouse building. The area is currently unused and reportedly the result of former manufacturing operations conducted at the Site.



Photograph No. 9

View of pallets of damaged chemicals and worn tires stored towards the northwest corner of the warehouse building.



Photograph No. 10

View of trash dumped along the east boundary of the Site. Items include general household trash, batteries, worn tires and plastic oil containers.