



The EDR Radius Map with GeoCheck[®]

**Owens-Brockway Glass
3600 Alameda Avenue
Oakland, CA 94601**

Inquiry Number: 01042160.1r

September 08, 2003

The Source For Environmental Risk Management Data

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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

3600 ALAMEDA AVENUE
OAKLAND, CA 94601

COORDINATES

Latitude (North): 37.769800 - 37° 46' 11.3"
Longitude (West): 122.228800 - 122° 13' 43.7"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 567922.6
UTM Y (Meters): 4180349.2
Elevation: 12 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2437122-G2 OAKLAND EAST, 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>
OWENS ILLINOIS INC GCD 20 3600 ALAMEDA AVE OAKLAND, CA 94607	LUST CA SLIC	N/A
OWENS-ILLINOIS INC OAKLAND PLT 20 3600 ALAMEDA AVE OAKLAND, CA 94601	FINDS HAZNET LUST Cortese RCRIS-LQG TRIS CA FID UST HIST UST	94621WNSLL36
GLASS PROCESSING PLANT GLASS PROCESSING PLANT OAKLAND (, CA	ERNS	N/A

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
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

STATE ASTM STANDARD

Toxic Pits..... Toxic Pits Cleanup Act Sites
SWF/LF..... Solid Waste Information System
WMUDS/SWAT..... Waste Management Unit Database
UST..... List of Underground Storage Tank Facilities
VCP..... Voluntary Cleanup Program Properties
INDIAN UST..... 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
DOD..... Department of Defense Sites
RAATS..... RCRA Administrative Action Tracking System
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
FTTS..... 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
CA WDS..... Waste Discharge System
DEED..... List of Deed Restrictions
NFA..... No Further Action Determination
EMI..... Emissions Inventory Data
REF..... Unconfirmed Properties Referred to Another Agency
SCH..... School Property Evaluation Program
NFE..... Properties Needing Further Evaluation

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

EXECUTIVE SUMMARY

BROWNFIELDS DATABASES

VCP..... Voluntary Cleanup Program Properties

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

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 03/31/2003 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>
<i>AMERICAN NATIONAL CAN CO</i>	<i>3801 EAST 8TH ST</i>	<i>1/4 - 1/2ENE</i>	<i>K50</i>	<i>56</i>

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-TSD list, as provided by EDR, and dated 07/11/2003 has revealed that there is 1 RCRIS-TSD 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>AMERICAN NATIONAL CAN CO</i>	<i>3801 EAST 8TH ST</i>	<i>1/4 - 1/2ENE</i>	<i>K50</i>	<i>56</i>

EXECUTIVE SUMMARY

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-SQG list, as provided by EDR, and dated 07/11/2003 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>
JOHNSON PROPELLER CO	603 LANCASTER ST	1/8 - 1/4NNW 8		17
GOLD SEAL PLATING	3125 E 7TH ST	1/8 - 1/4N 12		19
EXXON CO USA ALAMEDA BULK PLT	2001-A VERSAILLES	1/8 - 1/4SW D13		21
SIMMONS TERMINAL CORP	315 DERBY AVE	1/8 - 1/4WNW E16		23
SHELL OIL CO OAKLAND PLANT	315 DERBY AVE	1/8 - 1/4WNW E18		24
ICONOCO CALIFORNIA INC	303 DERBY AVE	1/8 - 1/4WNW E20		25
F & F SURFACE GRINDING	510 DERBY AVE	1/8 - 1/4NW F22		31
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
U C HOUSEHOLD SHIPPING CO	333 LANCASTER ST	0 - 1/8 WNW 7		17
CLASSIC CLEANERS	2631 BLANDING AVE	1/8 - 1/4WSW I38		42

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 06/30/2003 has revealed that there are 2 AWP sites 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>
PORT OF OAKLAND, BERTH 25 AND DUTCH BOY #3	2700 7TH STREET	1/2 - 1 NW	AG142	178
	4825 SAN LEANDRO STREET	1/2 - 1 E	214	283

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 are 3 Cal-Sites sites 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>
850 FORTY SECOND ST L L C	850 42ND AVE	1/2 - 1 E	133	163
PORT OF OAKLAND, BERTH 25 AND DUTCH BOY #3	2700 7TH STREET	1/2 - 1 NW	AG142	178
	4825 SAN LEANDRO STREET	1/2 - 1 E	214	283

EXECUTIVE SUMMARY

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2002 has revealed that there are 57 CHMIRS sites 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>
Not reported	718 DERBY AVE	1/4 - 1/2NNW	J41	47
Not reported	819 35TH AVENUE	1/4 - 1/2NE	42	48
Not reported	EAST 8TH STREET / 37TH	1/4 - 1/2ENE	K43	49
Not reported	E. 9TH ST. / 36TH AVE.	1/4 - 1/2NE	L44	50
Not reported	EAST 9TH STREET / 36TH	1/4 - 1/2NE	L45	51
Not reported	838 36TH AVENUE	1/4 - 1/2NE	L46	52
Not reported	3801 EAST 8TH ST	1/4 - 1/2ENE	K48	53
Not reported	2900 E. 7 STREET	1/4 - 1/2NW	58	69
Not reported	PETERSON / CHAPMAN ST	1/4 - 1/2NW	61	71
ON TIME TOWING	3800 WATTLING ST	1/4 - 1/2ENE	64	75
Not reported	599 HIGH STREET	1/4 - 1/2ESE	T79	94
Not reported	3701 SAN LEANDRO ST	1/4 - 1/2ENE	83	97
Not reported	EAST 8TH ST / ALAMEDA	1/4 - 1/2ESE	O84	98
Not reported	3100 EAST 9TH STREET	1/4 - 1/2NNW	U85	99
Not reported	I-880 - HIGH ST.	1/4 - 1/2ESE	V90	106
Not reported	I-880 S/B HIGH STREET O	1/4 - 1/2ESE	V91	107
Not reported	HIGHWAY 880 HIGH STREET	1/4 - 1/2ESE	V92	108
Not reported	I-880AT 66TH / HIGH STR	1/4 - 1/2ESE	V93	109
Not reported	S/B 880 AT HIGH STREET	1/4 - 1/2ESE	V94	110
Not reported	I-880 S/B SOUTH OF HIGH	1/4 - 1/2ESE	V95	111
Not reported	I-880 S/B S/42ND STREET	1/4 - 1/2E	96	112
Not reported	I-880 S/O HIGH ST.	1/4 - 1/2ESE	V109	125
Not reported	1125 29TH AVE CALTRANS	1/2 - 1 N	AF141	177
Not reported	1428 35TH AVE	1/2 - 1 NE	148	188
Not reported	730 45TH AVE.	1/2 - 1 ESE	AI150	189
Not reported	1801 PARK STREET	1/2 - 1 W	155	198
Not reported	4515 EAST 12TH ST	1/2 - 1 ENE	AJ159	200
Not reported	3088 E. 15TH ST.	1/2 - 1 NNE	167	215
OIL CHANGERS	2425 LINCOLN AVE	1/2 - 1 WSW	168	216
Not reported	715 46 AV	1/2 - 1 ESE	AL170	220
Not reported	763 46TH AVENUE	1/2 - 1 ESE	AL172	225
Not reported	1530 34TH AVENUE	1/2 - 1 NNE	174	229
Not reported	2526 SANTA CLARA	1/2 - 1 WSW	178	234
Not reported	1737 37TH AVE.	1/2 - 1 NE	186	243
Not reported	S/B I-880 S/O 23RD AVE.	1/2 - 1 NW	188	247
Not reported	2530 E 11TH ST	1/2 - 1 NNW	191	251
Not reported	1636 ROSEDALE	1/2 - 1 ENE	197	257
Not reported	1200 45TH AVE	1/2 - 1 E	199	259
Not reported	2444 CENTRAL AVENUE	1/2 - 1 WSW	AO200	260
AMERICAN METALS	955 KENNEDY	1/2 - 1 NW	201	261
DREISBACH ENTERPRISES, INC.	1125 MILLER AVE	1/2 - 1 NNW	206	272
Not reported	1299 46 AVE	1/2 - 1 E	218	290
Not reported	F/O 1036 CALCOT PL.	1/2 - 1 NW	219	291
CALIFORNIA STEEL PROCESSING CO	848 49TH AVE	1/2 - 1 ESE	221	294
Not reported	1038 CALCOXT PL.	1/2 - 1 NNW	AS223	297
Not reported	732 50TH AVENUE	1/2 - 1 ESE	AT225	298
Not reported	745 50TH AVENUE	1/2 - 1 ESE	AT226	299
Not reported	1099 CALCOT PLACE	1/2 - 1 NNW	AS231	305
Not reported	4933 SAN LEANDRO STREET	1/2 - 1 ESE	AU233	307
AMERICAN ELECTROFINISHING CO	4933 SAN LEANDRO ST	1/2 - 1 ESE	AU234	308

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1038 CALCOT PLACE (CULD	1/2 - 1 NW	235	311
Not reported	5010 EAST 10TH ST	1/2 - 1 ESE	238	316
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	BLANDING / PARK (N. S	1/4 - 1/2W	53	63
Not reported	499 HIGH STREET	1/4 - 1/2SE	Q69	81
Not reported	3253 FERNSIDE	1/2 - 1 SSE	137	173
Not reported	3313 FERNSIDE DRIVE	1/2 - 1 SSE	158	199
Not reported	R/O 600 50TH AVENUE	1/2 - 1 SE	229	302

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 120 Cortese sites 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>
DEL MONTE-PLANT #26	400 LANCASTER ST	0 - 1/8 NW	B6	15
CLIFFORD E MAPES INC	2001 VERSAILLES AVE	1/8 - 1/4SW	D14	21
PETRO-STOP, INC.	315 DERBY AVE	1/8 - 1/4WNW	E17	24
ICONOCO CALIFORNIA INC	303 DERBY AVE	1/8 - 1/4WNW	E20	25
AN FO MANUFACTURING COMPA	3129 ELMWOOD	1/8 - 1/4N	H27	34
TSK AMERICAN CAN COMPANY	3801 8TH	1/4 - 1/2ENE	K51	60
STATE SHINGLE COMPANY	880 FRUITVALE AVE	1/4 - 1/2NNE	52	61
GLASCOCK AVE WAREHOUSE	2901 GLASCOCK AVE	1/4 - 1/2WNW	55	65
CAMISA BROS ROOFING	1901 BROADWAY	1/4 - 1/2WSW	56	66
ALAMEDA USD CORP YARD	2615 EAGLE	1/4 - 1/2WSW	N62	72
ON TIME TOWING	3800 WATTLING ST	1/4 - 1/2ENE	64	75
LERNER COMPANY	3675 ALAMEDA AVE	1/4 - 1/2ESE	O65	77
CHEVORN	3616 SAN LEANDRO	1/4 - 1/2NE	P68	80
CHEVRON	3126 FERNSIDE AVE	1/4 - 1/2SSE	S77	92
EBMUD	UNKNOWN 7TH ST / 29TH	1/4 - 1/2NW	80	95
HIGH STREET FOOD MART	630 HIGH ST	1/4 - 1/2ESE	T81	95
SAV ON DRUG 3714	3100 E NINETH ST	1/4 - 1/2NNW	U87	102
UNITED STATES COLD STORAGE (LE	3925 ALAMEDA AVE	1/4 - 1/2ESE	O89	104
BANK OF AMERICA PROPERTIES INC	630 29TH AVE	1/4 - 1/2NW	W98	114
EK O TEK	4200 ALAMEDA AVE	1/4 - 1/2ESE	V100	117
VICTORS TEXACO	720 HIGH ST	1/4 - 1/2ESE	X101	117
FACILITY 475-1	333 23RD	1/4 - 1/2WNW	Y104	121
SOUTHERN PACIFIC TRANS CO	744 HIGH	1/4 - 1/2ESE	X107	123
GUY'S SERVICE	3820 SAN LEANDRO ST	1/4 - 1/2ENE	112	128
RHODES & JAMIESON BATCH P	333 KENNEDY	1/4 - 1/2WNW	AA113	130
RIGHT AWAY REDY MIX, INC.	401 KENNEDY ST	1/4 - 1/2WNW	AA118	139
EL MONTE RV CENTER	4341 HOWARD ST	1/4 - 1/2ESE	120	142
BAY AREA DIABLO/GOLDEN GATE PE	421 23RD AVE	1/4 - 1/2NW	AC122	145
LEONGS AUTOMOTIVE REFINISHING	435 23RD AVE	1/4 - 1/2NW	AC123	146
PRESSURE CAST PRODUCTS	4210 E 12TH ST	1/2 - 1 ENE	124	147
ALAMEDA COLLISION REPAIR	1911 PARK ST	1/2 - 1 W	125	149
ED'S AUTO WRECKERS	752 HIGH STREET	1/2 - 1 E	128	155
BARSTAD & DONICHT, INC	501 23RD AVE	1/2 - 1 NW	AD129	157

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PURCHASE & SUPPLY	900 HIGH ST	1/2 - 1 E	130	158
EXCHANGE LINEN SERVICE	527 23RD AVE	1/2 - 1 NW	AD131	159
FILLMORE MARKS PROPERTY	534 23RD AVE	1/2 - 1 NW	AD132	162
RON GOODE RAMBLER & TOYOTA	1825 PARK ST	1/2 - 1 W	AE134	165
OIL CHANGER #616	3132 E 12TH ST	1/2 - 1 N	135	169
CALTRANS DISTRICT 4	1112 29TH AVE	1/2 - 1 N	AF136	170
ALAMEDA AUTO REPAIR	1800 PARK ST	1/2 - 1 W	AE138	174
CHEVRON #4463	1801 PARK ST	1/2 - 1 W	AE139	175
TONY'S EXPRESS AUTO SERVI	3609 14TH	1/2 - 1 NE	140	177
OAKLAND PORT OF	2700 7TH ST	1/2 - 1 NW	AG143	179
GOODWILL INDUSTRIES	1301 30TH AVE	1/2 - 1 N	144	181
ALAMEDA FOREIGN AUTO	1726 PARK ST	1/2 - 1 W	AH145	182
EXXON # 70104 #405	1725 PARK ST	1/2 - 1 W	AH146	184
MOTOR PARTNERS	1234 40TH AVE	1/2 - 1 ENE	147	186
FACILITY 10745 TANK #4 (A	729 45TH	1/2 - 1 ESE	AI149	189
MELROSE FORD	3050 E 14TH ST	1/2 - 1 N	151	190
XTRA OIL CO DBA SHELL OIL	1701 PARK ST	1/2 - 1 W	AH153	194
CAVANAUGH MOTORS, INC.	1700 PARK ST	1/2 - 1 W	AH154	196
AUGUST MANUFACTURING	1466 36TH AVE	1/2 - 1 NE	157	199
MOTOR PARTNERS	1236 41ST AVE	1/2 - 1 ENE	AJ160	201
ALAMEDA FORD	1650 PARK ST	1/2 - 1 WSW	AK161	203
NEW GENICO	3927 E 14TH ST	1/2 - 1 ENE	162	206
FIDELITY PACKAGING CORP	646 KENNEDY ST	1/2 - 1 NW	163	206
GOOD CHEVROLET	1630 PARK ST	1/2 - 1 WSW	AK165	210
DOROTHY DAY TRUST	4028 E 14TH ST	1/2 - 1 ENE	169	219
PACIFIC GALVANIZING#	715 46TH AVE	1/2 - 1 ESE	AL171	221
SARONI TFI	727 KENNEDY ST	1/2 - 1 NW	173	226
UNOCAL	4251 14TH ST E	1/2 - 1 ENE	175	230
ENGINE WORKS	2241 CLEMENT	1/2 - 1 W	AM176	231
EVERETT STERN PROPERTY	1033 44TH AVE	1/2 - 1 E	177	232
RELIANCE SHEET & STRIP COMPANY	2235 CLEMENT AVE	1/2 - 1 W	AM179	235
PRESSURE CAST PRODUCTS	4201 E 14TH ST	1/2 - 1 ENE	181	235
MERRITT TIRE	2501 SANTA CLARA AVE	1/2 - 1 WSW	182	237
HOLT VISUAL COMMUNICATION	802 KENNEDY	1/2 - 1 NW	183	240
BP OIL CO FACILITY #11266	1541 PARK ST	1/2 - 1 WSW	184	241
ARROW SIGN COMPANY	1051 46TH AVE	1/2 - 1 E	187	244
CELIA HARRIS TRUST	2521 CENTRAL AVE	1/2 - 1 SW	192	252
CONTINENTAL BAKING COMPAN	1010 46TH	1/2 - 1 E	194	254
ALAMEDA POLICE DEPARTMENT	1555 OAK ST	1/2 - 1 WSW	196	256
ST JOSEPH PROFESSIONAL CE	2647 14TH	1/2 - 1 NNW	198	258
AMERICAN METALS	955 KENNEDY	1/2 - 1 NW	201	261
EANDI METAL WORKS, INC.	976 23RD AVE	1/2 - 1 NNW	202	264
STAHL WOODRIDGE CONSTRUCT	2428 CENTRAL	1/2 - 1 WSW	AO203	267
AUTOMOTIVE AUTO REPAIR	2425 CENTRAL AVE	1/2 - 1 WSW	AO204	267
BILL CHUN'S SERVICE	2301 SANTA CLARA AVE	1/2 - 1 WSW	207	274
TASCO	1685 34TH ST	1/2 - 1 NNE	208	276
PETERSON PROPERTY	1066 47TH AVE	1/2 - 1 E	210	279
TRI CITY CLEANERS	2560 E 14TH ST	1/2 - 1 NNW	AQ212	281
ALAMEDA MAXS AUTO SERVICE	1357 HIGH ST	1/2 - 1 SSW	213	282
DELAWARE DEVELOPMENT COM	2530 14TH	1/2 - 1 NNW	AQ215	284
PUBLIC WORKS DEPARTMENT	2263 SANTA CLARA AVE	1/2 - 1 WSW	216	286
EMMA SOUZA	1421 45TH AVE	1/2 - 1 E	217	288
COHN WAREHOUSE	1212 47TH AVE	1/2 - 1 E	AR220	292
VOLVO GMC	5050 COLISEUM WY	1/2 - 1 ESE	222	296
NORCAL	1234 47TH AVE	1/2 - 1 E	AR224	298
CECELIA & STEVE SIMI	1347 PARK ST	1/2 - 1 WSW	227	300

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CAO-MILLENNIUM HOLDINGS	750 50TH 5050 COLISEUM	1/2 - 1 ESE	AT228	302
FOWLER ANDERSON MORTUARY	2244 SANTA CLARA AVE	1/2 - 1 WSW	230	303
STANDARD BRANDS PAINT	2442 14TH ST E	1/2 - 1 NNW	232	306
STOP N GO MARKET (07-784)	4100 FOOTHILL BLVD	1/2 - 1 ENE	236	312
CHAU'S AUTO SPORT	1259 48TH AVE	1/2 - 1 E	237	313
ALAMEDA CELLARS	2425 ENCINAL AVE	1/2 - 1 WSW	239	317
WESTERN STUCCO	5115 E 8TH STREET	1/2 - 1 ESE	240	319
BP	4250 FOOTHILL BLVD	1/2 - 1 ENE	AV241	320
MEPACO, INC.	1226 49TH AVE	1/2 - 1 E	242	320
CHEVRON	4265 FOOTHILL BLVD	1/2 - 1 ENE	AV243	322
FIRE STATION #1	2401 ENCINAL AVE	1/2 - 1 WSW	244	323
BP OIL CO #11109	4280 FOOTHILL BLVD	1/2 - 1 ENE	245	326
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALPHA BETA	2691 BLANDING AVE	1/8 - 1/4 WSW	I35	38
COBBLEDICK KIBBE INC	500 HIGH ST	1/4 - 1/2 SE	Q71	82
GLOBAL INTERMODAL SYSTEMS	400 HIGH ST	1/4 - 1/2 SE	R73	85
OAKLAND DISTRIBUTION CENTER	401 HIGH ST	1/4 - 1/2 SE	R74	88
HIGH STREET	344 HIGH ST	1/4 - 1/2 SE	R76	92
DOLORES STAUNDENRAUS	2424 BLANDING AVE	1/4 - 1/2 W	Z111	127
ALAMEDA ELECTRIC	2420 BLANDING AVE	1/4 - 1/2 W	Z114	131
CALIFORNIA SEVEDORE & BA	4500 TIDEWATER	1/4 - 1/2 SE	AB116	134
TIDEWATER SAND & GRAVEL, INC.	4501 TIDEWATER AVE	1/4 - 1/2 SE	AB117	136
ABF FREIGHT SYSTEMS INC	4575 TIDEWATER AVE	1/2 - 1 SE	127	153
PARK ST LANDING	2301 BLANDING AVE	1/2 - 1 WNW	152	194
WHITE BROTHERS	4801 TIDEWATER WY	1/2 - 1 SE	166	213
CONAGRA INC	2201 7TH ST E	1/2 - 1 WNW	180	235
CLARKLIFT OAKLAND INC	4701 OAKPORT ST	1/2 - 1 ESE	189	248
RELIABLE ROOFING COMPANY	4905 TIDEWATER AVE	1/2 - 1 SE	AN190	250
TIDEWATER BUSINESS PARK	UNKNOWN TIDEWATER AVE	1/2 - 1 SE	193	254
DI SALVO TRUCKING CO.	4919 TIDEWATER AVE	1/2 - 1 SE	AN195	254
OAKLAND SERVICE CENTER	4801 OAKPORT ST	1/2 - 1 SE	205	269
G.C. GAS YARD	4930 COLISEUM WAY	1/2 - 1 ESE	AP209	277

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, has revealed that there are 6 Notify 65 sites 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>
SHELL SELF SERVICE	630 HIGH STREET	1/4 - 1/2 ESE	82	97
ED'S AUTO WRECKERS	752 HIGH STREET	1/2 - 1 E	128	155
Not reported	1033 44TH AVENUE	1/2 - 1 E	156	199
UNKNOWN	2235 CLEMENT AVENUE	1/2 - 1 W	164	210
BLMYER ENGINEERS, INC.	1829 CLEMENT AVE.,	1/2 - 1 W	185	243
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VOLVO GM HEAVY TRUCK CORP.	750 50TH AVE.	1/2 - 1 ESE	AP211	280

EXECUTIVE SUMMARY

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 04/02/2003 has revealed that there are 48 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>
DEL MONTE-PLANT #26	400 LANCASTER ST	0 - 1/8 NW	B6	15
CLIFFORD E MAPES INC	2001 VERSAILLES AVE	1/8 - 1/4SW	D14	21
ICONOCO CALIFORNIA INC	303 DERBY AVE	1/8 - 1/4WNW	E20	25
AN FO MANUFACTURING COMPA	3129 ELMWOOD	1/8 - 1/4N	H27	34
ANFO MANUFACTURING CO	3129 ELMWOOD AVE	1/8 - 1/4N	H29	36
LEARNER COMPANY	3675 ALAMEDA AVE	1/4 - 1/2E	40	45
TSD AMERICAN CAN CO	3801 8TH ST	1/4 - 1/2ENE	K47	53
TSK AMERICAN CAN COMPANY	3801 8TH	1/4 - 1/2ENE	K51	60
STATE SHINGLE COMPANY	880 FRUITVALE AVE	1/4 - 1/2NNE	52	61
GLASCOCK AVE WAREHOUSE	2901 GLASCOCK AVE	1/4 - 1/2WNW	55	65
CAMISA BROS ROOFING	1901 BROADWAY	1/4 - 1/2WSW	56	66
ALAMEDA UNIFIED SCHOOL DISTRIC	2615 EAGLE AVE	1/4 - 1/2WSW	N63	73
ON TIME TOWING	3800 WATTLING ST	1/4 - 1/2ENE	64	75
LERNER COMPANY	3675 ALAMEDA AVE	1/4 - 1/2ESE	O65	77
CHEVRON #9-4612	3616 SAN LEANDRO ST	1/4 - 1/2NE	P66	79
CHEVRON	3616 SAN LEANDRO ST	1/4 - 1/2NE	P67	79
CHEVRON	3126 FERNSIDE AVE	1/4 - 1/2SSE	S77	92
CHEVRON #9-1153	3126 FERNSIDE AVE	1/4 - 1/2SSE	S78	94
HIGH STREET FOOD MART	630 HIGH ST	1/4 - 1/2ESE	T81	95
SAV ON DRUG 3714	3100 E NINETH ST	1/4 - 1/2NNW	U87	102
DEL MONTE PLANT 37	3100 9TH ST	1/4 - 1/2NNW	U88	104
UNITED STATES COLD STORAGE (LE	3925 ALAMEDA AVE	1/4 - 1/2ESE	O89	104
LEMOINE COLD STORAGE	630 29TH AVE	1/4 - 1/2NW	W97	113
VICTORS TEXACO	720 HIGH ST	1/4 - 1/2ESE	X101	117
EXXON COMPANY USA C/O ERI	720 HIGH STREET	1/4 - 1/2ESE	X102	119
RMC LONESTAR	333 23RD AVENUE	1/4 - 1/2WNW	Y103	120
CHEVRON	333 23RD AVE	1/4 - 1/2WNW	Y105	121
SOUTHERN PACIFIC TRANS CO	744 HIGH ST	1/4 - 1/2ESE	X106	123
SOUTHERN PACIFIC TRANSPORT COM	744 HIGH ST	1/4 - 1/2ESE	X108	124
GUY'S SERVICE	3820 SAN LEANDRO ST	1/4 - 1/2ENE	112	128
RIGHT AWAY REDY MIX, INC.	401 KENNEDY ST	1/4 - 1/2WNW	AA118	139
RIGHT AWAY REDY MIX INC	401 KENNEDY ST	1/4 - 1/2WNW	AA119	141
EL MONTE RV CENTER	4341 HOWARD ST	1/4 - 1/2ESE	120	142
BAY AREA DIABLO PETROLEUM COMP	421 23RD AVE	1/4 - 1/2NW	AC121	144
BAY AREA DIABLO/GOLDEN GATE PE	421 23RD AVE	1/4 - 1/2NW	AC122	145
LEONGS AUTOMOTIVE REFINISHING	435 23RD AVE	1/4 - 1/2NW	AC123	146
Lower Elevation	Address	Dist / Dir	Map ID	Page
FIRST SAMOAN CONGREGATIONAL CH	2526 BLANDING AVE	1/4 - 1/2W	M57	68
CLAMP SWING	2515 BLANDING AVE	1/4 - 1/2W	M59	70
CLAMP SWING	2515 BLANDING AVE	1/4 - 1/2W	M60	71
COBBLEDICK-KIBBE	500 HIGH ST	1/4 - 1/2SE	Q70	82
COBBLEDICK KIBBE INC	500 HIGH ST	1/4 - 1/2SE	Q71	82
GLOBAL INTERMODAL SYSTEMS	400 HIGH ST	1/4 - 1/2SE	R73	85
GALLAGHER & BURK	344 HIGH ST	1/4 - 1/2SE	R75	88
HIGH STREET	344 HIGH ST	1/4 - 1/2SE	R76	92
DOLORES STAUNDENRAUS	2424 BLANDING AVE	1/4 - 1/2W	Z111	127
ALAMEDA ELECTRIC	2420 BLANDING AVE	1/4 - 1/2W	Z114	131
CALIFORNIA SEVEDORE & BA	4500 TIDEWATER	1/4 - 1/2SE	AB116	134

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TIDEWATER SAND & GRAVEL, INC.	4501 TIDEWATER AVE	1/4 - 1/2SE	AB117	136

BEP: Bond Expenditure Plan comes from the Department of Health Services.

A review of the CA BOND EXP. PLAN list, as provided by EDR, has revealed that there are 2 CA BOND EXP. PLAN sites 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>
EKOTEK LUBE	4200 ALAMEDA AVENUE	1/4 - 1/2ESE	V99	115
THE CLOROX COMPANY	850 42ND AVENUE	1/2 - 1 E	126	153

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 5 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>
DEL MONTE-PLANT #26	400 LANCASTER ST	0 - 1/8 NW	B6	15
PETRO-STOP, INC.	315 DERBY AVE	1/8 - 1/4WNW	E17	24
PLANT #237	3100 E 009TH ST	1/8 - 1/4N	25	33
INDUSTRIAL STEAM	2985 FORD ST	1/8 - 1/4NW	F33	38
ALAMEDA COUNTY MOSQUITO ABATE.	3024 E 007TH ST	1/8 - 1/4NW	G34	38

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>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DEL MONTE-PLANT #26	400 LANCASTER ST	0 - 1/8 NW	B5	15
SIMMONS TERMINAL CORP	315 DERBY AVE	1/8 - 1/4WNW	E16	23
PETRO-STOP, INC.	315 DERBY AVE	1/8 - 1/4WNW	E19	25
INDUSTRIAL STEAM	2985 FORD ST	1/8 - 1/4NW	F32	37
ALAMEDA COUNTY MOSQUITO ABATE.	3024 E 7TH ST	1/8 - 1/4NNW	J39	44

STATE OR LOCAL ASTM SUPPLEMENTAL

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 CLEANERS list, as provided by EDR, and dated 03/11/2003 has revealed that there is 1 CLEANERS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CLASSIC CLEANERS	2631 BLANDING AVE	1/8 - 1/4WSW	I38	42

EXECUTIVE SUMMARY

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 are 9 CA SLIC 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>
LEARNER COMPANY	3675 ALAMEDA AVE	1/4 - 1/2E	40	45
AMERICAN NATIONAL CAN CO	3801 E 8TH ST	1/4 - 1/2ENE	K49	54
ATWOOD INDUSTRIES INC	2915 FORD ST	1/4 - 1/2NW	54	64
CALIFORNIA-WASHINGTON CAN CORP	3100 E 9TH ST	1/4 - 1/2NNW	U86	100
EKOTEK LUBE	4200 ALAMEDA AVENUE	1/4 - 1/2ESE	V99	115
CHEVRON	333 23RD AVE	1/4 - 1/2WNW	Y105	121
SOUTHERN PACIFIC RAILROAD PROP	744 / 758 HIGH ST	1/4 - 1/2E	110	126
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL	401 HIGH ST	1/4 - 1/2SE	R72	84
ALLIED ENGINEERING AND PROD CO	2421 BLANDING AVE	1/4 - 1/2W	Z115	132

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 17 HAZNET sites within approximately 0.25 miles of the target property.

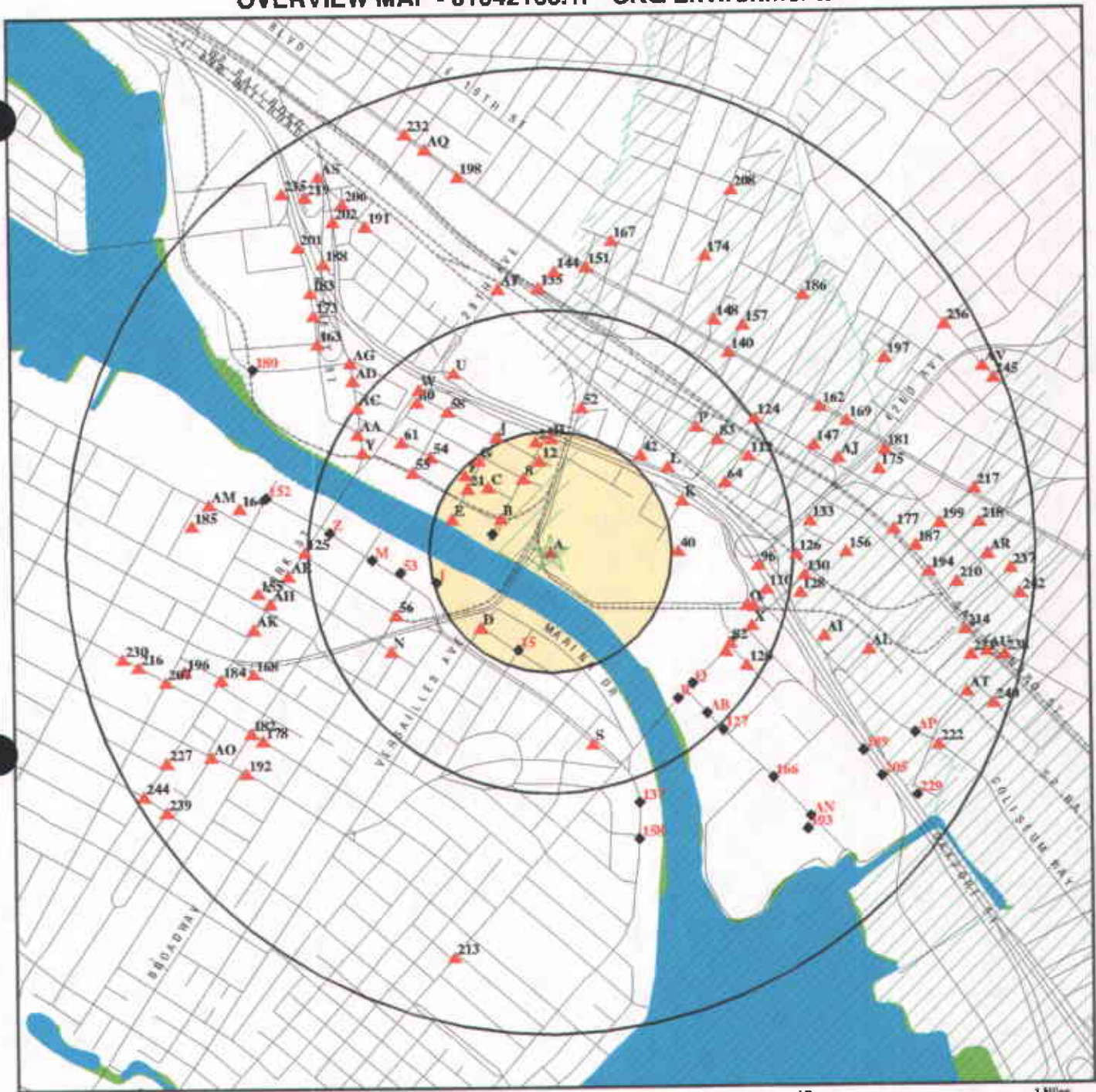
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DEL MONTE FOODS	400 LANCASTER ST	0 - 1/8 NW	B4	14
MODERN CLASSIC MOTORS	3042 FORD ST	1/8 - 1/4NW	C9	18
CITY OAKLAND/ENVIRONMENTAL SER	3041 FORD ST	1/8 - 1/4NW	C10	18
CITY OF OAKLAND PUBLIC WORKS	3041 FORD ST	1/8 - 1/4NW	C11	19
GOLD SEAL PLATING	3125 E 7TH ST	1/8 - 1/4N	12	19
ICONOCO CALIFORNIA INC	303 DERBY AVE	1/8 - 1/4WNW	E20	25
OAKLAND METAL TREATING CO INC	450 DERBY AVE	1/8 - 1/4NW	21	30
MCNEIL MANUFACTURING	3014 CHAPMAN ST	1/8 - 1/4NNW	G23	31
MCNEILL MANUFACTURING	3014 CHAPMAN ST	1/8 - 1/4NNW	G24	32
AN-FO MANUFACTURING CO.	3129 ELMWOOD AVE	1/8 - 1/4N	H26	33
AN-FO MFG. CO.	3129 ELMWOOD AVE.	1/8 - 1/4N	H28	36
1X AN-FO MANUFACTURING CO.	3129 ELMWOOD AVE.	1/8 - 1/4N	H30	36
INDUSTRIAL STEAM CORP.	2985 FORD ST.	1/8 - 1/4NW	F31	37
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EILEEN CHAN	2008 CAMBRIDGE DR	1/8 - 1/4SSW	15	23
STONE BOAT YARD INC	2517 BLANDING AVE	1/8 - 1/4WSW	I36	39
FUGI TRUCOLOR, INC	2639 BLANDING AVE	1/8 - 1/4WSW	I37	41
CLASSIC CLEANERS	2631 BLANDING AVE	1/8 - 1/4WSW	I38	42

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
UNITED STATES COAST GUARD	Cal-Sites, AWP
ALAMEDA NAVAL AIR STATION EAST HOU	Cal-Sites, DEED
MT COMMAND/MARISOND'S INC	HAZNET, CHMIRS
UNION PACIFIC	LUST, CHMIRS
THE DOC EXPRESS 10 NV	HAZNET, CHMIRS
ALAMEDA CNTY FOOD BANK	HAZNET, CHMIRS
CHEVRON	LUST, Cortese
NATIONAL LEAD CO	CERC-NFRAP
BATAVIA PROPERTY	CERC-NFRAP
NORTH PORT OF OAKLAND REFUSE DS/RA	SWF/LF
CITY OF OAKLAND 2001 IDS (2136)	SWF/LF
SHEPHERD CANYON PARK IDS	SWF/LF
SOUTHERN PACIFIC TRANS CO	LUST
EXXON #7-0234	LUST
VALERO #3832	LUST
BP #11132	LUST
UNOCAL #6129	LUST
BP #11132	LUST
BP #11132	LUST
BP #11132	LUST
FRUITVALE BART	LUST
TUNE-UP MASTERS #318	LUST
CALIFORNIA AUTO REPAIR	LUST
CHUNG PROPERTY	LUST
SOUTHERN PACIFIC TRANS CO	LUST
EMPORIUM CAPWELL	LUST
SOUTHERN PACIFIC TRANS CO	LUST
GLEN ECHO CREEK CULVERT	LUST
PACIFIC SCIENTIFIC KIN TECH DV	UST, HIST UST
HALCYON/503-855	HAZNET
COULTER PHARMACEUTICAL INC	HAZNET
COMPASS ROSE YATCH CHARTERS	HAZNET
SHIP METEOR NO 986933	HAZNET
AIRCRAFT CARRIER HORNET F D N	HAZNET
US NAVY - NAVY TRANSITION OFFICE	HAZNET
BRIDGE WEST OAKLAND HOUSING	HAZNET
EASTBAY FAMILY DENTISTRY	HAZNET
PARTS USA	HAZNET
B O M H, INC	HAZNET
CROOP ENTERPRISES INC	HAZNET
USDOT METEOR *E	HAZNET
USDOT MARAD CAPE FEAR	HAZNET
AIRCRAFT CARRIER HORNET F D N	RCRIS-SQG, FINDS

OVERVIEW MAP - 01042160.1r - CKG Environmental



- ★ 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
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- Federal Wetlands
- Areas of Concern



TARGET PROPERTY: Owens-Brockway Glass ADDRESS: 3600 Alameda Avenue CITY/STATE/ZIP: Oakland CA 94601 LAT/LONG: 37.7698 / 122.2288	CUSTOMER: CKG Environmental CONTACT: Chris Kennedy INQUIRY #: 01042160.1r DATE: September 08, 2003 1:10 pm
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DETAIL MAP - 01042160.1r - CKG Environmental



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- Sensitive Receptors
- ☐ National Priority List Sites
- ☐ Landfill Sites
- ☐ Dept. Defense Sites

- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- Federal Wetlands

☐ Areas of Concern



TARGET PROPERTY: Owens-Brockway Glass
ADDRESS: 3600 Alameda Avenue
CITY/STATE/ZIP: Oakland CA 94601
LAT/LONG: 37.7698 / 122.2288

CUSTOMER: CKG Environmental
CONTACT: Chris Kennedy
INQUIRY #: 01042160.1r
DATE: September 08, 2003 1:19 pm

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</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>
<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	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	1	0	NR	1
RCRIS-TSD		0.500	0	0	1	NR	NR	1
RCRIS Lg. Quan. Gen.	X	0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	1	8	NR	NR	NR	9
ERNS	X	TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	0	2	NR	2
Cal-Sites		1.000	0	0	0	3	NR	3
CHMIRS		1.000	0	0	24	33	NR	57
Cortese	X	1.000	1	5	32	82	NR	120
Notify 65		1.000	0	0	1	5	NR	6
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	0	NR	NR	0
LUST	X	0.500	1	4	43	NR	NR	48
CA Bond Exp. Plan		1.000	0	0	1	1	NR	2
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
CA FID UST	X	0.250	1	4	NR	NR	NR	5
HIST UST	X	0.250	1	4	NR	NR	NR	5
<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
DOD		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS	X	TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		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
CLEANERS		0.250	0	1	NR	NR	NR	1
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
CA SLIC	X	0.500	0	0	9	NR	NR	9
HAZNET	X	0.250	1	16	NR	NR	NR	17

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas		1.000	0	0	0	0	NR	0
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BROWNFIELDS DATABASES

VCP		0.500	0	0	0	NR	NR	0
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NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1 OWENS ILLINOIS INC GCD 20
Target 3600 ALAMEDA AVE
Property OAKLAND, CA 94607

LUST S103881513
CA SLIC N/A

Site 1 of 3 in cluster A

Actual:
13 ft.

State LUST:

Cross Street: Not reported
Qty Leaked: 0
Case Number 01S0071
Reg Board: 2
Chemical: #6 Fuel Oil
Lead Agency: Regional Board
Local Agency : 0
Case Type: Other ground water affected
Status: No Action
Review Date: Not reported
Workplan: 2/5/95
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 03/12/1987
Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : / /
Funding: Not reported
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
Oversight Prgm : SLIC
Review Date : Not reported
Stop Date : / /
Work Suspended :No
Responsible Party:BLANK RP
RP Address: Not reported
Global Id: T0600191486

Confirm Leak: Not reported
Prelim Assess: 2/5/95
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OWENS ILLINOIS INC GCD 20 (Continued)

S103881513

Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: T0600191486
Facility Id: 01S0071
Entered Date: / /
Facility Status: Preliminary site assessment underway
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
County: Alameda
Current Benzene: 0
MTBE Detected in GW: Not reported
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: 0

SLIC Region 2:

Facility ID: 01S0071
Region: 2
Facility Status: Inactive Not reported
Staff: BG Not reported
Last Site Update: 02/23/1987
NPL Status: Not an NPL site Discovery Date: Not reported
Case List: SLIC Imaged: No
Date Closed: Not reported
Abate Method: Not reported Substance: Not reported
Case Type: TK Sample Date: Not reported
Contamination: Not reported
Lead: RWQCB
Contamination Level:
Number of Municipal Wells Contaminated by Site: 0
Number of Private Wells Contaminated by Site: 0
Soil Removal or Contaminant Action Started:
Soil Removal or Contaminant Action Completed: 0
On-Site Groundwater Extraction or Containment is Needed: 0
On-Site Groundwater Extraction or Containment Started:
Off-Site Groundwater Extraction or Containment is Needed: 0
Off-Site Groundwater Extraction or Containment Started:
Length of Contamination Plume (Feet): 0
Depth of Contamination Plume (Feet): 0
Wells Closed Due To Contamination of Site:
Date of Wells Closure:
Nearest Public or Private Drinking Water Well (Feet): 0
Under Jurisdiction of Lead Agency Date:
Latitude/Longitude: 38 / -122
Flow Rate: 0
Flow Date:
Percent of Contaminants Contained: 0
Contaminant Type:

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

OWENS ILLINOIS INC GCD 20 (Continued)

S103881513

EPA ID:
 Stages of Site Investigation Process Initiated:
 Begun Characterization : Not reported
 Completed Characterization : Not reported
 Begun Remediation: Not reported
 Completed Remediation: Not reported
 Submitted Remediation Plan: Not reported
 Approved Remediation Plan: Not reported
 Begun Final Remedial Action: Not reported
 Completed Final Remedial Action: Not reported
 Facility Desc: Not reported
 Comment: Not reported

A2 OWENS-ILLINOIS INC OAKLAND PLT 20
 Target **3600 ALAMEDA AVE**
 Property **OAKLAND, CA 94601**

FINDS 1000319786
HAZNET 94621WNSLL36
LUST
Cortese
RCRIS-LQG
TRIS
CA FID UST
HIST UST

Actual:
 13 ft.

Site 2 of 3 in cluster A

RCRIS:
 Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAT000618918
 Contact: Not reported
 Classification: Large Quantity Generator
 TSDF Activities: Not reported

BIENNIAL REPORTS:
 Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	450.00	D002	23950.00
D007	981000.00	D008	984460.00
D018	1960.00	D039	2160.00
D040	1960.00	F005	450.00

Violation Status: Violations exist

Regulation Violated: 262.40-43.D
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 04/09/1998
 Actual Date Achieved Compliance: Not reported
 Regulation Violated: 279
 Area of Violation: 09GUO
 Date Violation Determined: 04/09/1998
 Actual Date Achieved Compliance: Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT) 09GUO	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OWENS-ILLINOIS INC OAKLAND PLT 20 (Continued)

1000319786

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Biennial Reporting System (BRS)
Facility Registry System (FRS)
ICIS
NEI
National Compliance Database (NCDB)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: Jan-14
Reg Board: 2
Chemical: Diesel
Lead Agency: Local Agency
Local Agency : 0
Case Type: Undefined
Status: No Action
Review Date: 09/28/1998
Workplan: 1/2/65
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 03/12/1987
Cleanup Fund Id : Not reported
Discover Date : 03/12/1987
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 09/28/1998
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 866
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 09/28/1998

Confirm Leak: 09/28/1998
Prelim Assess: 1/2/65
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OWENS-ILLINOIS INC OAKLAND PLT 20 (Continued)

1000319786

Stop Date : 03/12/1987
Work Suspended :No
Responsible Party:BLANK RP
RP Address: Not reported
Global Id: T0600102223
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: T0600102223
Facility Id: 01-2414
Entered Date: 09/28/1998
Facility Status: Preliminary site assessment underway
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: Not reported
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

LUST Alameda County:

Region : ALAMEDA
Facility ID : RO0000289
Record Id : SD0000289
Status : Pollution Characterization

HAZNET:

Gepaid: CAT000618918
TSD EPA ID: CAD053044053
Gen County: 1
Tsd County: 1
Tons: .5254
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Contact: OWENS-ILLINOIS INC
Telephone: (419) 247-2000
Mailing Address: PO BOX 1019
OAKLAND, CA 94604 - 1019
County 1
Gepaid: CAT000618918
TSD EPA ID: CAD053044053
Gen County: 1
Tsd County: 1
Tons: 6.5879
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: OWENS-ILLINOIS INC
Telephone: (419) 247-2000

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OWENS-ILLINOIS INC OAKLAND PLT 20 (Continued)

1000319786

Mailing Address: PO BOX 1019
OAKLAND, CA 94604 - 1019

County 1

Gepaid: CAT000618918
TSD EPA ID: CAD059494310
Gen County: 1
Tsd County: Santa Clara
Tons: .6000

Waste Category: Unspecified oil-containing waste

Disposal Method: Disposal, Other

Contact: OWENS-ILLINOIS INC

Telephone: (419) 247-2000

Mailing Address: PO BOX 1019
OAKLAND, CA 94604 - 1019

County 1

Gepaid: CAT000618918
TSD EPA ID: CAD059494310
Gen County: 1
Tsd County: Santa Clara
Tons: .4050

Waste Category: Unspecified organic liquid mixture

Disposal Method: Disposal, Other

Contact: OWENS-ILLINOIS INC

Telephone: (419) 247-2000

Mailing Address: PO BOX 1019
OAKLAND, CA 94604 - 1019

County 1

Gepaid: CAT000618918
TSD EPA ID: CAD059494310
Gen County: 1
Tsd County: Santa Clara
Tons: 1.6275

Waste Category: 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: OWENS-ILLINOIS INC

Telephone: (419) 247-2000

Mailing Address: PO BOX 1019
OAKLAND, CA 94604 - 1019

County 1

The CA HAZNET database contains 200 additional records for this site.
Please click here or contact your EDR Account Executive for more information.

CORTESE:

Reg Id: 01-2414
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OWENS-ILLINOIS INC OAKLAND PLT 20 (Continued)

1000319786

FID:

Facility ID: 01001219 Regulate ID: 00032195
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: (415) 436-2000
Mail To: Not reported
P O BOX
OAKLAND, CA 94601
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

UST HIST:

Facility ID: 32195
Tank Num: 1 Container Num: #2
Tank Capacity: 500 Year Installed: Not reported
Tank Used for: PRODUCT
Type of Fuel: DIESEL Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: Not reported Telephone: (415) 436-2000
Total Tanks: 11 Region: STATE
Facility Type: 2 Other Type: MANUFACTURING

Facility ID: 32195
Tank Num: 2 Container Num: TANK #1
Tank Capacity: 4000 Year Installed: 1937
Tank Used for: PRODUCT
Type of Fuel: DIESEL Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: Not reported Telephone: (415) 436-2000
Total Tanks: 11 Region: STATE
Facility Type: 2 Other Type: MANUFACTURING

Facility ID: 32195
Tank Num: 3 Container Num: #6
Tank Capacity: 24000 Year Installed: 1970
Tank Used for: PRODUCT
Type of Fuel: DIESEL Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: Not reported Telephone: (415) 436-2000
Total Tanks: 11 Region: STATE
Facility Type: 2 Other Type: MANUFACTURING

Facility ID: 32195
Tank Num: 4 Container Num: #7
Tank Capacity: 24000 Year Installed: 1970
Tank Used for: PRODUCT
Type of Fuel: DIESEL Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: Not reported Telephone: (415) 436-2000
Total Tanks: 11 Region: STATE
Facility Type: 2 Other Type: MANUFACTURING

Facility ID: 32195
Tank Num: 5 Container Num: #9

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

OWENS-ILLINOIS INC OAKLAND PLT 20 (Continued)

1000319786

Tank Capacity:	8300	Year Installed:	1937
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	Not reported	Telephone:	(415) 436-2000
Total Tanks:	11	Region:	STATE
Facility Type:	2	Other Type:	MANUFACTURING
Facility ID:	32195		
Tank Num:	6	Container Num:	#11
Tank Capacity:	4000	Year Installed:	1937
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	Not reported	Telephone:	(415) 436-2000
Total Tanks:	11	Region:	STATE
Facility Type:	2	Other Type:	MANUFACTURING
Facility ID:	32195		
Tank Num:	7	Container Num:	#12
Tank Capacity:	12000	Year Installed:	1937
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	Not reported	Telephone:	(415) 436-2000
Total Tanks:	11	Region:	STATE
Facility Type:	2	Other Type:	MANUFACTURING
Facility ID:	32195		
Tank Num:	8	Container Num:	#15
Tank Capacity:	4000	Year Installed:	1937
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	6 inches
Leak Detection:	None		
Contact Name:	Not reported	Telephone:	(415) 436-2000
Total Tanks:	11	Region:	STATE
Facility Type:	2	Other Type:	MANUFACTURING
Facility ID:	32195		
Tank Num:	9	Container Num:	#16
Tank Capacity:	250	Year Installed:	1937
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	Not reported	Telephone:	(415) 436-2000
Total Tanks:	11	Region:	STATE
Facility Type:	2	Other Type:	MANUFACTURING
Facility ID:	32195		
Tank Num:	10	Container Num:	#17
Tank Capacity:	4000	Year Installed:	1937
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	6 inches
Leak Detection:	None		
Contact Name:	Not reported	Telephone:	(415) 436-2000
Total Tanks:	11	Region:	STATE
Facility Type:	2	Other Type:	MANUFACTURING

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OWENS-ILLINOIS INC OAKLAND PLT 20 (Continued)

1000319786

Facility ID: 32195
Tank Num: 11
Tank Capacity: 250
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Leak Detection: Stock Inventor
Contact Name: Not reported
Total Tanks: 11
Facility Type: 2
Container Num: #18
Year Installed: 1937
Tank Construction: Not reported
Telephone: (415) 436-2000
Region: STATE
Other Type: MANUFACTURING

A3 Target Property
GLASS PROCESSING PLANT
GLASS PROCESSING PLANT
OAKLAND (, CA

ERNS 8714947
N/A

Site 3 of 3 in cluster A

Actual:
13 ft.

B4 NW < 1/8
DEL MONTE FOODS
400 LANCASTER ST
OAKLAND, CA 94601
652 ft.

HAZNET S103960240
N/A

Site 1 of 3 in cluster B

Relative:
Higher

Actual:
14 ft.

HAZNET:
Gepaid: CAC001414352
TSD EPA ID: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: .0022
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: DEL MONTE FOODS
Telephone: (415) 247-3520
Mailing Address: PO BOX 193575
SAN FRANCISCO, CA 94119
County 1
Gepaid: CAC001414352
TSD EPA ID: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: .5000
Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Contact: DEL MONTE FOODS
Telephone: (415) 247-3520
Mailing Address: PO BOX 193575
SAN FRANCISCO, CA 94119
County 1

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

DEL MONTE FOODS (Continued)

S103960240

B5 DEL MONTE-PLANT #26
NW 400 LANCASTER ST
< 1/8 OAKLAND, CA 94601
652 ft.

HIST UST U001588993
N/A

Site 2 of 3 in cluster B

**Relative:
 Higher**

UST HIST:

**Actual:
 14 ft.**

Facility ID: 1366	Container Num: 001
Tank Num: 1	Year Installed: Not reported
Tank Capacity: 0	Tank Construction: Not reported
Tank Used for: PRODUCT	Telephone: (415) 532-8696
Type of Fuel: REGULAR	Region: STATE
Leak Detection: None	Other Type: WAREHOUSE
Contact Name: DAVE ROBINSON	
Total Tanks: 1	
Facility Type: 2	

B6 DEL MONTE-PLANT #26
NW 400 LANCASTER ST
< 1/8 OAKLAND, CA 94601
652 ft.

LUST S101624280
Cortese N/A
CA FID UST

Site 3 of 3 in cluster B

**Relative:
 Higher**

State LUST:

**Actual:
 14 ft.**

Cross Street: Not reported	Confirm Leak: 12/08/1995
Qty Leaked: Not reported	Prelim Assess: Not reported
Case Number: Jan-26	Remed Plan: Not reported
Reg Board: 2	
Chemical: Gasoline	
Lead Agency: Local Agency	
Local Agency: 0	
Case Type: Soil only	
Status: Case Closed	
Review Date: 12/08/1995	
Workplan: Not reported	
Pollution Char: Not reported	
Remed Action: Not reported	
Monitoring: Not reported	
Close Date: 02/28/1996	
Release Date: 02/17/1994	
Cleanup Fund Id: Not reported	
Discover Date: 02/17/1994	
Enforcement Dt: Not reported	
Enf Type: Not reported	
Enter Date: 12/08/1995	
Funding: Federal Funds	
Staff Initials: UNK	
How Discovered: Tank Closure	
How Stopped: Not reported	
Interim: Not reported	
Leak Cause: UNK	
Leak Source: UNK	
MTBE Date: / /	
Max MTBE GW: 0 Parts per Billion	
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.	
Priority: Not reported	
Local Case #: 4980	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DEL MONTE-PLANT #26 (Continued)

S101624280

Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 08/07/1996
Stop Date : 02/17/1994
Work Suspended No
Responsible Party BLANK RP
RP Address: Not reported
Global Id: T0600101952
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: T0600101952
Facility Id: 01-2126
Entered Date: 12/08/1995
Facility Status: Case Closed
Maximum Soil Concentration: 3000
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: Not reported
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

LUST Alameda County:

Region : ALAMEDA
Facility ID : RO0000666
Record Id : SD0000666
Status : Case Closed

CORTESE:

Reg Id: 01-2126
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DEL MONTE-PLANT #26 (Continued)

S101624280

FID:

Facility ID:	01002079	Regulate ID:	00001366
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(415) 532-8696
Mail To:	Not reported		
	400 LANCASTER ST		
	OAKLAND, CA 94601		
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		

7
WNW
< 1/8
660 ft.

U C HOUSEHOLD SHIPPING CO
333 LANCASTER ST
OAKLAND, CA 94601

RCRIS-SQG 1000118205
FINDS CAD981692122

Relative:
Lower

RCRIS:

Owner: GLOBAL MOVING SERVICES
(415) 555-1212
EPA ID: CAD981692122
Contact: ENVIRONMENTAL MANAGER
(415) 436-8944

Actual:
10 ft.

Classification: Small Quantity Generator
TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

8
NNW
1/8-1/4
859 ft.

JOHNSON PROPELLER CO
603 LANCASTER ST
OAKLAND, CA 94601

RCRIS-SQG 1000320813
FINDS CAD009173956

Relative:
Higher

RCRIS:

Owner: GARY JOHNSON
(415) 555-1212
EPA ID: CAD009173956
Contact: Not reported

Actual:
20 ft.

Classification: Small Quantity Generator
TSD Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

JOHNSON PROPELLER CO (Continued)

1000320813

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

C9 MODERN CLASSIC MOTORS
NW 3042 FORD ST
1/8-1/4 OAKLAND, CA 94601
970 ft.

HAZNET S105093003
N/A

Site 1 of 3 in cluster C

**Relative:
Higher**

HAZNET:

**Actual:
17 ft.**

Gepaid: CAL000215121
TSD EPA ID: CAL000161743
Gen County: 1
Tsd County: Santa Clara
Tons: .2293
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: RUSSELL SHAPPERD
Telephone: (510) 533-6469
Mailing Address: 3042 FORD ST
OAKLAND, CA 94601
County 1

C10 CITY OAKLAND/ENVIRONMENTAL SERVICES
NW 3041 FORD ST
1/8-1/4 OAKLAND, CA 94608
979 ft.

HAZNET S104569537
N/A

Site 2 of 3 in cluster C

**Relative:
Higher**

HAZNET:

**Actual:
17 ft.**

Gepaid: CAC002111736
TSD EPA ID: CAD982444481
Gen County: 1
Tsd County: San Bernardino
Tons: 0.4587
Waste Category: Latex waste
Disposal Method: Not reported
Contact: CITY OAKLAND
Telephone: (000) 000-0000
Mailing Address: 250 FRANK H OGAWA PLAZA STE 5301
OAKLAND, CA 94612 - 2034
County 1

Gepaid: CAC002111736
TSD EPA ID: CAT080022148
Gen County: 1
Tsd County: San Bernardino
Tons: 0.4587
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Not reported
Contact: CITY OAKLAND
Telephone: (000) 000-0000
Mailing Address: 250 FRANK H OGAWA PLAZA STE 5301
OAKLAND, CA 94612 - 2034

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CITY OAKLAND/ENVIRONMENTAL SERVICES (Continued)

S104569537

County 1

C11 CITY OF OAKLAND PUBLIC WORKS
NW 3041 FORD ST
1/8-1/4 OAKLAND, CA 94601
979 ft.

HAZNET S103651252
N/A

Site 3 of 3 in cluster C

Relative:
Higher

HAZNET:

Gepaid: CAC001247752
TSD EPA ID: CAD028409019
Gen County: 1
Tsd County: Los Angeles
Tons: 1.8748
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: CITY OF OAKLAND
Telephone: (000) 000-0000
Mailing Address: 1333 BROADWAY #330A
OAKLAND, CA 94612
County 1

Actual:
17 ft.

12 GOLD SEAL PLATING
North 3125 E 7TH ST
1/8-1/4 OAKLAND, CA 94601
1010 ft.

RCRIS-SQG 1000183985
FINDS CAD981689607
HAZNET

Relative:
Higher

RCRIS:

Owner: BENNETT GARRY
(415) 555-1212
EPA ID: CAD981689607
Contact: GREG SPENCER
(510) 536-8533

Actual:
22 ft.

Classification: Small Quantity Generator
TSD Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	917.43	D002	410513.46
D003	495.02	D007	210526.66
D010	210526.66	D011	210526.66
F009	495.02		

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Biennial Reporting System (BRS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GOLD SEAL PLATING (Continued)

1000183985

HAZNET:

Gepaid: CAD981689607
TSD EPA ID: AZD980735500
Gen County: 1
Tsd County: 99
Tons: 4.1875
Waste Category: Metal sludge - 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: Recycler
Contact: GARRY BENNETT
Telephone: (510) 522-6450
Mailing Address: 3125 E 7TH ST
OAKLAND, CA 94601 - 2835
County 1

Gepaid: CAD981689607
TSD EPA ID: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: .2293
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

Disposal Method: Recycler
Contact: GARRY BENNETT
Telephone: (510) 522-6450
Mailing Address: 3125 E 7TH ST
OAKLAND, CA 94601 - 2835
County 1

Gepaid: CAD981689607
TSD EPA ID: CAD069138899
Gen County: 1
Tsd County: Santa Clara
Tons: .1500
Waste Category: Other inorganic solid waste

Disposal Method: Recycler
Contact: GARRY BENNETT
Telephone: (510) 522-6450
Mailing Address: 3125 E 7TH ST
OAKLAND, CA 94601 - 2835
County 1

Gepaid: CAD981689607
TSD EPA ID: CAD069138899
Gen County: 1
Tsd County: Santa Clara
Tons: .6880
Waste Category: Liquids with cyanides > 1000 mg/l

Disposal Method: Recycler
Contact: GARRY BENNETT
Telephone: (510) 522-6450
Mailing Address: 3125 E 7TH ST
OAKLAND, CA 94601 - 2835
County 1

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GOLD SEAL PLATING (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000183985

Gepaid: CAD981689607
 TSD EPA ID: CAD050806850
 Gen County: 1
 Tsd County: Los Angeles
 Tons: 3.0000
 Waste Category: Unspecified aqueous solution
 Disposal Method: Transfer Station
 Contact: GARRY BENNETT
 Telephone: (510) 522-6450
 Mailing Address: 3125 E 7TH ST
 OAKLAND, CA 94601 - 2835
 County 1

The CA HAZNET database contains 70 additional records for this site.
 Please click here or contact your EDR Account Executive for more information.

**D13
 SW
 1/8-1/4
 1121 ft.**

**EXXON CO USA ALAMEDA BULK PLT
 2001-A VERSAILLES
 ALAMEDA, CA 94501**

**RCRIS-SQG 1000336470
 FINDS CAT000646133**

Site 1 of 2 in cluster D

**Relative:
 Higher**

RCRIS:
 Owner: EXXON CORPORATION
 (415) 555-1212
 EPA ID: CAT000646133
 Contact: ENVIRONMENTAL MANAGER
 (214) 385-4728
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

**Actual:
 14 ft.**

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

**D14
 SW
 1/8-1/4
 1121 ft.**

**CLIFFORD E MAPES INC
 2001 VERSAILLES AVE
 ALAMEDA, CA**

**LUST S101306285
 Cortese N/A**

Site 2 of 2 in cluster D

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number 01-0864
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 0
 Case Type: Other ground water affected
 Status: Case Closed
 Abate Method: No Action Taken - no action has as yet been taken at the site
 Review Date: Not reported
 Workplan: Not reported
 Confirm Leak: Not reported
 Prelim Assess: Not reported

**Actual:
 14 ft.**

PHYSICAL SETTING SOURCE MAP - 01042160.1r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Wells

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY: Owens-Brockway Glass
ADDRESS: 3600 Alameda Avenue
CITY/STATE/ZIP: Oakland CA 94601
LAT/LONG: 37.7698 / 122.2288

CUSTOMER: CKG Environmental
CONTACT: Chris Kennedy
INQUIRY #: 01042160.1r
DATE: September 08, 2003 1:20 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A1 SW 1/8 - 1/4 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0864 N Not Reported Not Reported 15 05/23/1985	AQUIFLOW	53624
A2 SW 1/8 - 1/4 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0864 N 13.3 30.0 Not Reported 10/24/1989	AQUIFLOW	53622
A3 SW 1/8 - 1/4 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0864 N 5.0 5.5 Not Reported 06/01/1984	AQUIFLOW	53623
4 ENE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0073 Varies 14.0 24.0 Not Reported 02/02/1998	AQUIFLOW	63726
B5 ESE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SW 6.29 20.19 Not Reported 04/22/1999	AQUIFLOW	52376
B6 ESE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SW 3.0 6.0 Not Reported 10/16/1987	AQUIFLOW	52377
C7 WSW 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2087 Not Reported Not Reported Not Reported 6.5 12/09/1994	AQUIFLOW	52483

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
C8 WSW 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2087 Not Reported Not Reported Not Reported 5.5 08/09/1995	AQUIFLOW	52484
D9 ENE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2086 NE Not Reported Not Reported 15 06/03/1994	AQUIFLOW	63723
10 ESE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1622 SSW 8.9 10.64 Not Reported 06/13/1987	AQUIFLOW	52375
11 ESE 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1378 NE Not Reported Not Reported 12 12/21/1994	AQUIFLOW	65475
12 SW 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0797 S Not Reported Not Reported 2 ft 12/12/1991	AQUIFLOW	69346
D13 ENE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-4055 Varies 3.4 6.8 Not Reported 05/04/1996	AQUIFLOW	63749
E14 West 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2169 NE Not Reported Not Reported Not Reported 04/26/1995	AQUIFLOW	69338

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E15 West 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0294 SW Not Reported Not Reported 50.0' 04/22/1991	AQUIFLOW	69335
F16 NW 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-4880 SW Not Reported Not Reported 5.5 05/18/1996	AQUIFLOW	63789
G17 ESE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0599 Varies Not Reported Not Reported 16 ft 11/17/1989	AQUIFLOW	51805
G18 ESE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0599 Varies 7.26 10.97 Not Reported 04/10/1990	AQUIFLOW	51806
E19 West 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0042 N Not Reported Not Reported 6.5 06/20/1988	AQUIFLOW	52494
G20 ESE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0015 SW Not Reported Not Reported Not Reported 12/11/1996	AQUIFLOW	65394
F21 WNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1241 Varies 10.00 10.38 Not Reported 05/29/1990	AQUIFLOW	63755

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
F22 NW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1823 N 6.26 8.02 Not Reported 09/24/1993	AQUIFLOW	67900
23 NNW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1763 N, S, Varies Not Reported Not Reported Not Reported 04/21/1999	AQUIFLOW	55637
24 SE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0022 S Not Reported Not Reported 9.5 f 05/08/1987	AQUIFLOW	51878
H25 West 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1258 Varies 2.16 4.72 Not Reported 09/13/1996	AQUIFLOW	52955
H26 West 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1258 Varies 5.5 7.5 Not Reported 11/04/1993	AQUIFLOW	52954
27 NE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1812 E Not Reported Not Reported Not Reported 03/04/1998	AQUIFLOW	63714
H28 West 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2219 Varies 4.22 6.50 Not Reported 03/06/1997	AQUIFLOW	52521

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H29 West 1/2 - 1 Mile Higher	Site ID: 01-2219 Groundwater Flow: NE Shallow Water Depth: 6.15 Deep Water Depth: 7.01 Average Water Depth: Not Reported Date: 10/03/1994	AQUIFLOW 52520
H30 WSW 1/2 - 1 Mile Higher	Site ID: 01-0602 Groundwater Flow: SE Shallow Water Depth: 3.06 Deep Water Depth: 23.07 Average Water Depth: Not Reported Date: 09/14/1999	AQUIFLOW 52338
H31 WSW 1/2 - 1 Mile Higher	Site ID: 01-0602 Groundwater Flow: SE Shallow Water Depth: 6.25 Deep Water Depth: 18.5 Average Water Depth: Not Reported Date: 06/01/1989	AQUIFLOW 52339
H32 WSW 1/2 - 1 Mile Higher	Site ID: 01-0008 Groundwater Flow: NE Shallow Water Depth: 4.82 Deep Water Depth: 8.42 Average Water Depth: Not Reported Date: 01/02/1991	AQUIFLOW 51822
H33 WSW 1/2 - 1 Mile Higher	Site ID: 01-0008 Groundwater Flow: NE Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 3.15 Date: 07/05/1994	AQUIFLOW 51810
H34 WSW 1/2 - 1 Mile Higher	Site ID: 01-0008 Groundwater Flow: Varies Shallow Water Depth: 10.00 Deep Water Depth: 25.00 Average Water Depth: Not Reported Date: 08/28/1992	AQUIFLOW 51823
I35 WSW 1/2 - 1 Mile Higher	Site ID: 01-0291 Groundwater Flow: NW Shallow Water Depth: 7.16 Deep Water Depth: 9.57 Average Water Depth: Not Reported Date: 04/15/1992	AQUIFLOW 52509

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
I36 WSW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0291 NE,NW,Varies 5.13 8.96 Not Reported 04/22/1996	AQUIFLOW	50094
I37 WSW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1950 Varies Not Reported Not Reported 9.5 07/05/1994	AQUIFLOW	52332
J38 West 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0429 NE Not Reported Not Reported 7-7-5 06/06/1991	AQUIFLOW	52974
J39 West 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0429 NE Not Reported Not Reported 5-10 05/04/1992	AQUIFLOW	52975
40 NW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0442 SE Not Reported Not Reported Not Reported 01/30/1989	AQUIFLOW	63906
I41 WSW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0711 Varies 4.0 6.0 Not Reported 04/29/1987	AQUIFLOW	52333
42 NW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2132 SW Not Reported Not Reported Not Reported 03/26/1996	AQUIFLOW	51857

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
J43 West 1/2 - 1 Mile Higher	Site ID:	01-0429	AQUIFLOW	52973
	Groundwater Flow:	NE		
	Shallow Water Depth:	5.15		
	Deep Water Depth:	6.43		
	Average Water Depth:	Not Reported		
	Date:	05/10/1989		
K44 ESE 1/2 - 1 Mile Higher	Site ID:	01-1173	AQUIFLOW	51912
	Groundwater Flow:	W		
	Shallow Water Depth:	0.03		
	Deep Water Depth:	0.04		
	Average Water Depth:	Not Reported		
	Date:	03/30/1997		
K45 ESE 1/2 - 1 Mile Higher	Site ID:	01-1173	AQUIFLOW	51911
	Groundwater Flow:	W		
	Shallow Water Depth:	2.69		
	Deep Water Depth:	4.84		
	Average Water Depth:	Not Reported		
	Date:	09/28/1993		
L46 WSW 1/2 - 1 Mile Higher	Site ID:	01-0221	AQUIFLOW	52336
	Groundwater Flow:	NE		
	Shallow Water Depth:	7.04		
	Deep Water Depth:	23.40		
	Average Water Depth:	Not Reported		
	Date:	04/26/1999		
L47 WSW 1/2 - 1 Mile Higher	Site ID:	01-0221	AQUIFLOW	52335
	Groundwater Flow:	NE		
	Shallow Water Depth:	7.5		
	Deep Water Depth:	12.0		
	Average Water Depth:	Not Reported		
	Date:	11/20/1987		
48 WSW 1/2 - 1 Mile Higher	Site ID:	01-0964	AQUIFLOW	69342
	Groundwater Flow:	NE		
	Shallow Water Depth:	4.83		
	Deep Water Depth:	9.65		
	Average Water Depth:	Not Reported		
	Date:	05/28/1997		
L49 WSW 1/2 - 1 Mile Higher			FRDS PWS	CA5500139

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS ID: CA5500139 **PWS Status:** Active
Date Initiated: 7706 **Date Deactivated:** Not Reported
PWS Name: CAMP CEDARBROOK
 CAMP CEDARBROOK
 ODD FELLOW
 LONG BARN, CA 95335

Addressee / Facility: System Owner/Responsible Party
 CAMP CEDARBROOK
 2246 P O B
 ALAMEDA, CA 94501

Facility Latitude: 37 45 55 **Facility Longitude:** 122 14 26
City Served: Not Reported
Treatment Class: Untreated **Population:** 00000100

PWS currently has or had major violation(s) or enforcement: No

50 **Site ID:** 01-0495 **AQUIFLOW** **67434**
SE **Groundwater Flow:** NNE
1/2 - 1 Mile **Shallow Water Depth:** 1.0
Lower **Deep Water Depth:** 3.5
 Average Water Depth: Not Reported
 Date: 10/14/1986

51 **Site ID:** 01-1750 **AQUIFLOW** **69344**
SW **Groundwater Flow:** W
1/2 - 1 Mile **Shallow Water Depth:** Not Reported
Higher **Deep Water Depth:** Not Reported
 Average Water Depth: Not Reported
 Date: 05/01/1993

52 **Site ID:** 01-0933 **AQUIFLOW** **66626**
NNW **Groundwater Flow:** Not Reported
1/2 - 1 Mile **Shallow Water Depth:** Not Reported
Higher **Deep Water Depth:** Not Reported
 Average Water Depth: 37 ft
 Date: 03/13/1996

53 **Site ID:** 01-0863 **AQUIFLOW** **66597**
NW **Groundwater Flow:** NW
1/2 - 1 Mile **Shallow Water Depth:** Not Reported
Higher **Deep Water Depth:** Not Reported
 Average Water Depth: 17-18
 Date: 04/17/1997

54 **Site ID:** 01-0139 **AQUIFLOW** **69340**
WSW **Groundwater Flow:** NE
1/2 - 1 Mile **Shallow Water Depth:** Not Reported
Higher **Deep Water Depth:** Not Reported
 Average Water Depth: 14.50
 Date: 03/18/1988

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M55 WSW 1/2 - 1 Mile Higher	Site ID: 01-1063 Groundwater Flow: N Shallow Water Depth: 7.37 Deep Water Depth: 10.16 Average Water Depth: Not Reported Date: 06/30/1998	AQUIFLOW 52977
M56 WSW 1/2 - 1 Mile Higher	Site ID: 01-5808 Groundwater Flow: NNE Shallow Water Depth: 8.0 Deep Water Depth: 9.5 Average Water Depth: Not Reported Date: 09/10/1996	AQUIFLOW 52345
M57 WSW 1/2 - 1 Mile Higher	Site ID: 01-5808 Groundwater Flow: NNE Shallow Water Depth: 11.0 Deep Water Depth: 13.0 Average Water Depth: Not Reported Date: 01/26/1998	AQUIFLOW 52344
58 ESE 1/2 - 1 Mile Lower	Site ID: 01-0278 Groundwater Flow: WSW Shallow Water Depth: 3.0 Deep Water Depth: 8.5 Average Water Depth: Not Reported Date: 07/15/1988	AQUIFLOW 67433
M59 WSW 1/2 - 1 Mile Higher	Site ID: 01-2152 Groundwater Flow: NNE Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 15-20 Date: 06/28/1995	AQUIFLOW 69332
N60 SSW 1/2 - 1 Mile Higher	Site ID: 1702 Groundwater Flow: SE Shallow Water Depth: 2.84 Deep Water Depth: 4.42 Average Water Depth: Not Reported Date: 12/20/1996	AQUIFLOW 64642
N61 SSW 1/2 - 1 Mile Higher	Site ID: 01-0052 Groundwater Flow: SE Shallow Water Depth: 2.84 Deep Water Depth: 4.42 Average Water Depth: Not Reported Date: 12/20/1996	AQUIFLOW 69313

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
62 East 1/2 - 1 Mile Higher	Site ID:	01-1053	AQUIFLOW	55971
	Groundwater Flow:	NW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	8-10		
Date:	05/19/1989			
63 WSW 1/2 - 1 Mile Higher	Site ID:	01-0657	AQUIFLOW	69329
	Groundwater Flow:	NW		
	Shallow Water Depth:	8.64		
	Deep Water Depth:	9.10		
	Average Water Depth:	Not Reported		
Date:	03/22/1992			
064 WSW 1/2 - 1 Mile Higher	Site ID:	01-05511	AQUIFLOW	52326
	Groundwater Flow:	SW		
	Shallow Water Depth:	8.5		
	Deep Water Depth:	11.0		
	Average Water Depth:	Not Reported		
Date:	11/18/1998			
065 WSW 1/2 - 1 Mile Higher	Site ID:	01-05511	AQUIFLOW	52325
	Groundwater Flow:	SW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	14		
Date:	12/05/1995			
66 ENE 1/2 - 1 Mile Higher	Site ID:	01-1431	AQUIFLOW	63782
	Groundwater Flow:	SE		
	Shallow Water Depth:	10.5		
	Deep Water Depth:	12.5		
	Average Water Depth:	Not Reported		
Date:	09/17/1986			
P67 NNW 1/2 - 1 Mile Higher	Site ID:	01-1448	AQUIFLOW	52383
	Groundwater Flow:	N		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
Date:	09/19/1988			
P68 NNW 1/2 - 1 Mile Higher	Site ID:	01-1448	AQUIFLOW	52382
	Groundwater Flow:	NW		
	Shallow Water Depth:	9.44		
	Deep Water Depth:	12.56		
	Average Water Depth:	Not Reported		
Date:	06/29/1999			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

69 **FED USGS** **USGS0119455**
SE
1/2 - 1 Mile
Lower

Agency:	USGS	Site ID:	374536122125801
Site Name:	002S003W17G003M		
Dec. Latitude:	37.75996		
Dec. Longitude:	-122.21623		
Coord Sys:	NAD83		
State:	CA		
County:	Alameda County		
Altitude:	12.39		
Hydrologic code:	Not Reported		
Topographic:	Flat surface		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	19990128
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	530		
Hole depth:	895	Source:	R
Project no:	Not Reported		

Q70 Site ID: 01-2242 **AQUIFLOW** **52373**
ESE Groundwater Flow: SW
1/2 - 1 Mile Shallow Water Depth: Not Reported
Higher Deep Water Depth: Not Reported
 Average Water Depth: 8.5
 Date: 05/07/1991

Q71 Site ID: 01-2242 **AQUIFLOW** **52372**
ESE Groundwater Flow: SW
1/2 - 1 Mile Shallow Water Depth: 7.5
Higher Deep Water Depth: 8.0
 Average Water Depth: Not Reported
 Date: 11/21/1997

72 Site ID: 01-0231 **AQUIFLOW** **63800**
ENE Groundwater Flow: NW
1/2 - 1 Mile Shallow Water Depth: Not Reported
Higher Deep Water Depth: Not Reported
 Average Water Depth: 20/30
 Date: 10/09/1996

R73 Site ID: 01-1317 **AQUIFLOW** **52385**
NNW Groundwater Flow: NE
1/2 - 1 Mile Shallow Water Depth: 7.98
Higher Deep Water Depth: 9.06
 Average Water Depth: Not Reported
 Date: 12/01/1993

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
R74 NNW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1317 Varies 7.0 9.0 Not Reported 06/09/1995	AQUIFLOW	52384
75 East 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0962 NE Not Reported Not Reported 2-4 12/21/1991	AQUIFLOW	55988
76 WSW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1708 SW Not Reported Not Reported 15 Not Reported	AQUIFLOW	52952

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for ALAMEDA 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 ALAMEDA COUNTY, CA

Number of sites tested: 49

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.776 pCi/L	100%	0%	0%
Living Area - 2nd Floor	-0.400 pCi/L	100%	0%	0%
Basement	1.338 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) 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.

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

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.



"Linking Technology with Tradition"

Sanborn® Map Report

Ship to: Chris Kennedy
CKG Environmental
808 Zinfandel Lane
Saint Helena, CA 94574

Order Date: 9/5/2003 **Completion Date:** 9/8/2003 1:21:2

Inquiry #: 1042160.2s

P.O. #: NA

Site Name: Owens-Brockway Glass

Address: 3600 Alameda Avenue

City/State: Oakland, CA 94601

Customer Project: NA

3010333SHA

707-967-8022

Cross Streets:

Based on client-supplied information, fire insurance maps for the following years were identified

- 1925 - 1 Map
- 1950 - 1 Map
- 1952 - 1 Map
- 1957 - 1 Map
- 1961 - 1 Map
- 1966 - 1 Map
- 1969 - 1 Map

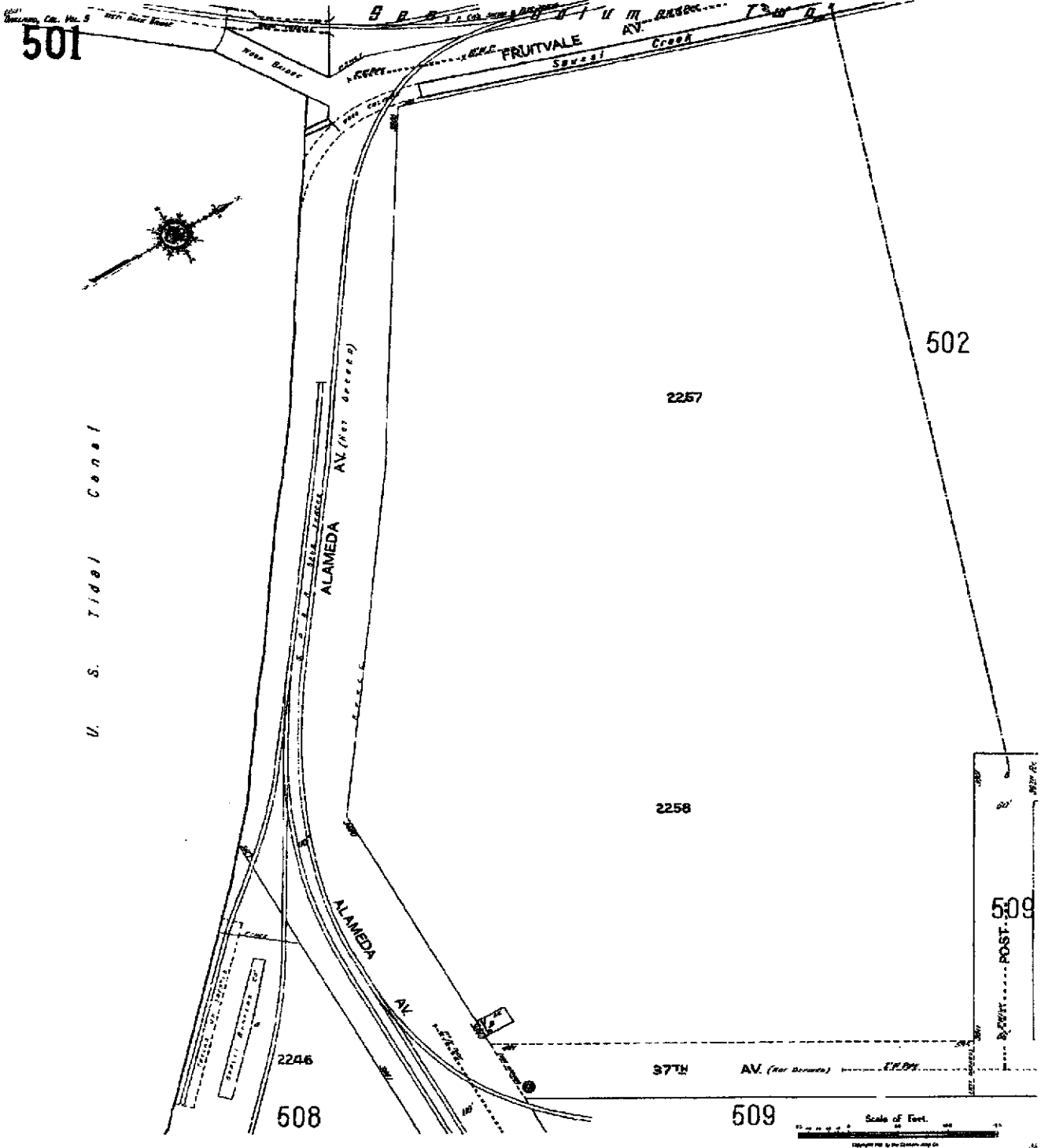
Total Maps: 7

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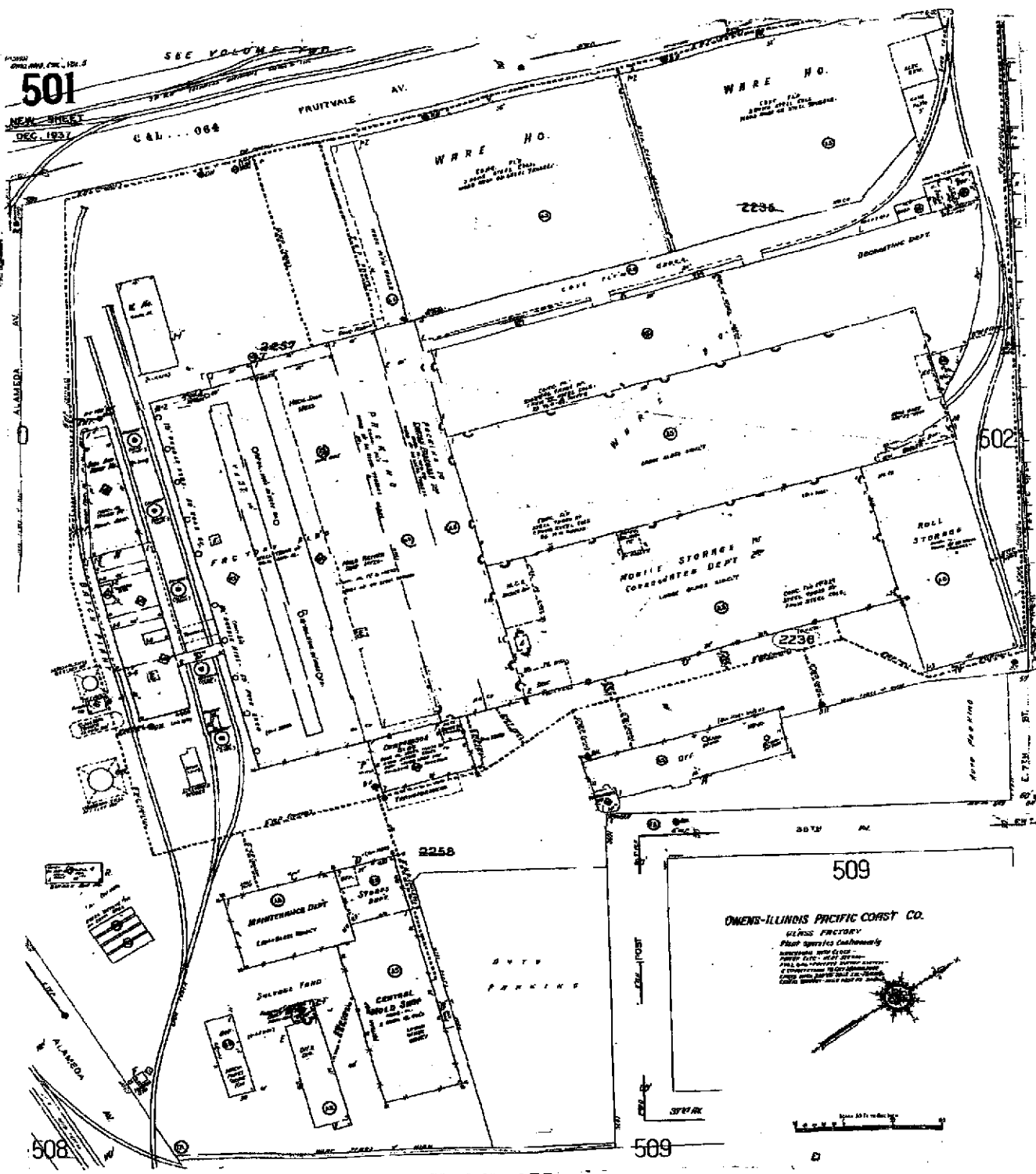
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 DEC. 1937

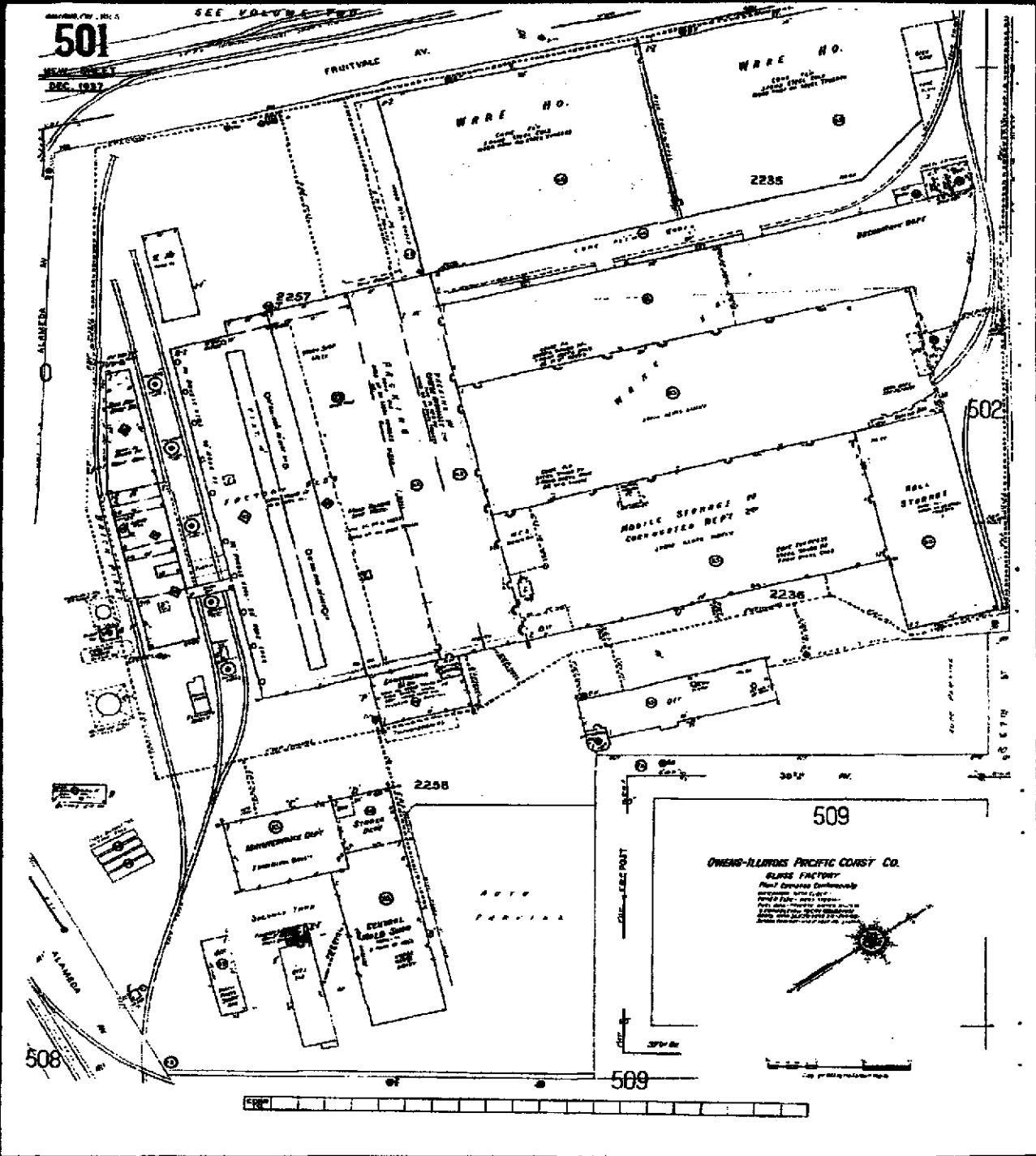



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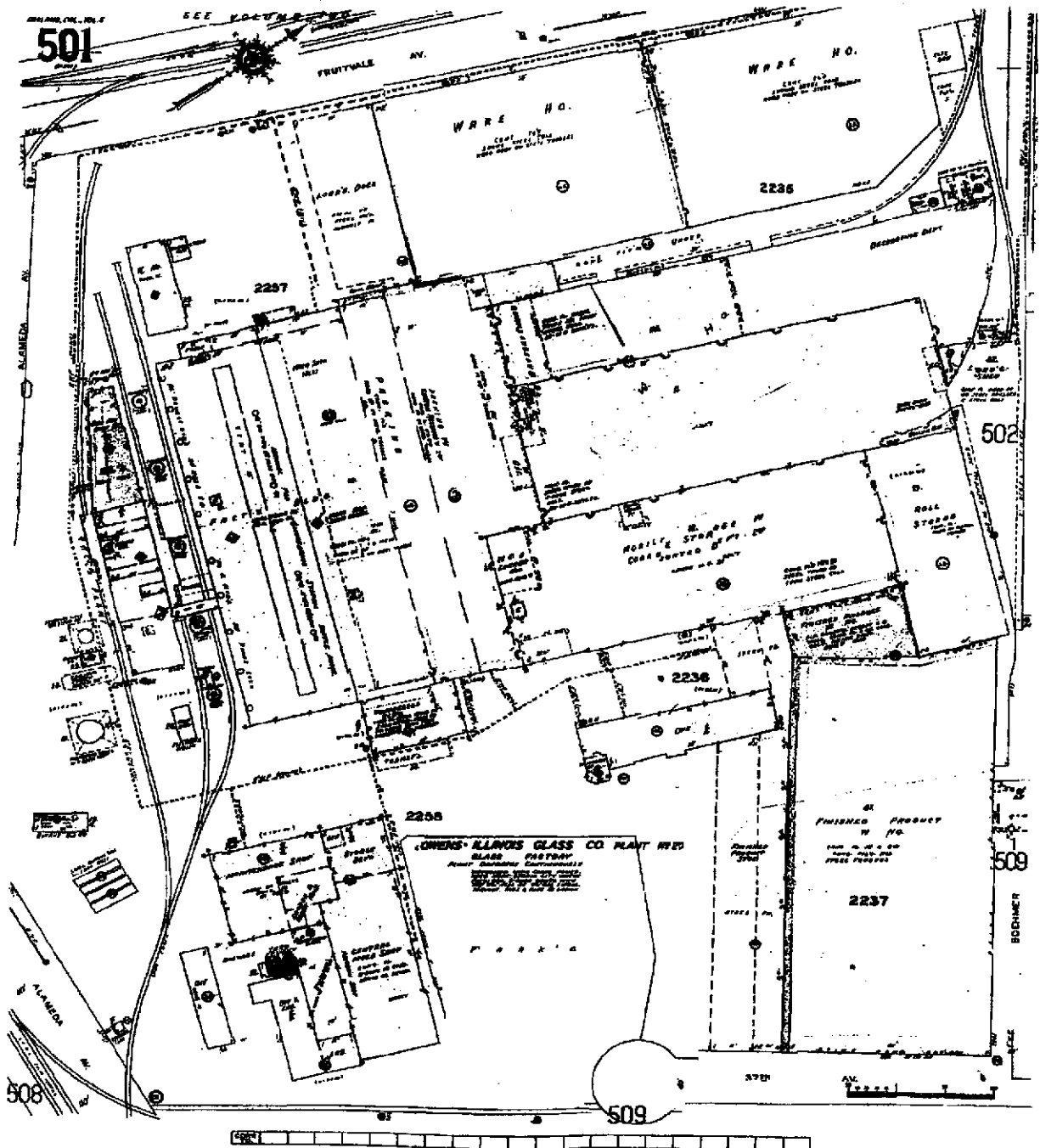
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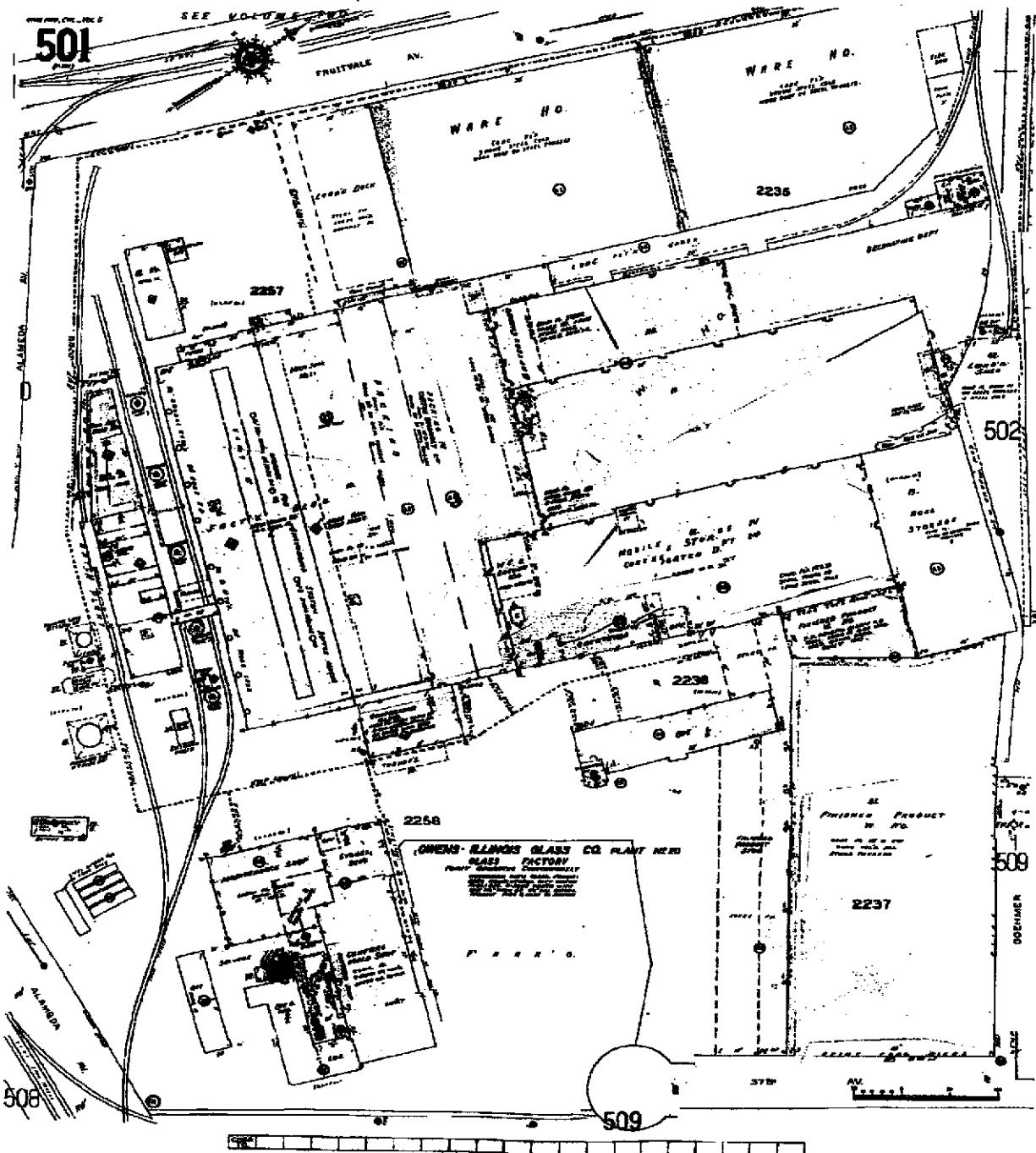
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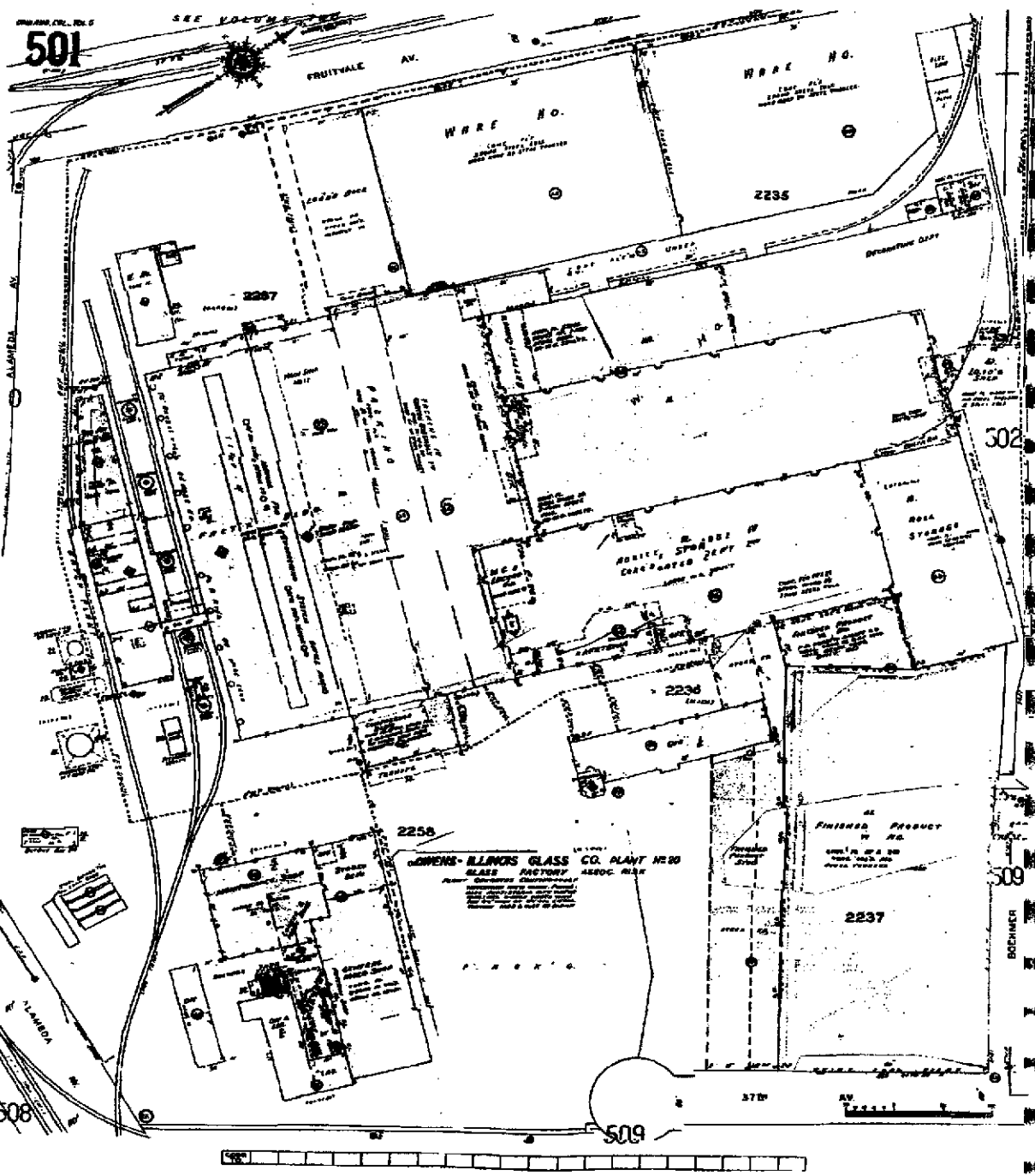



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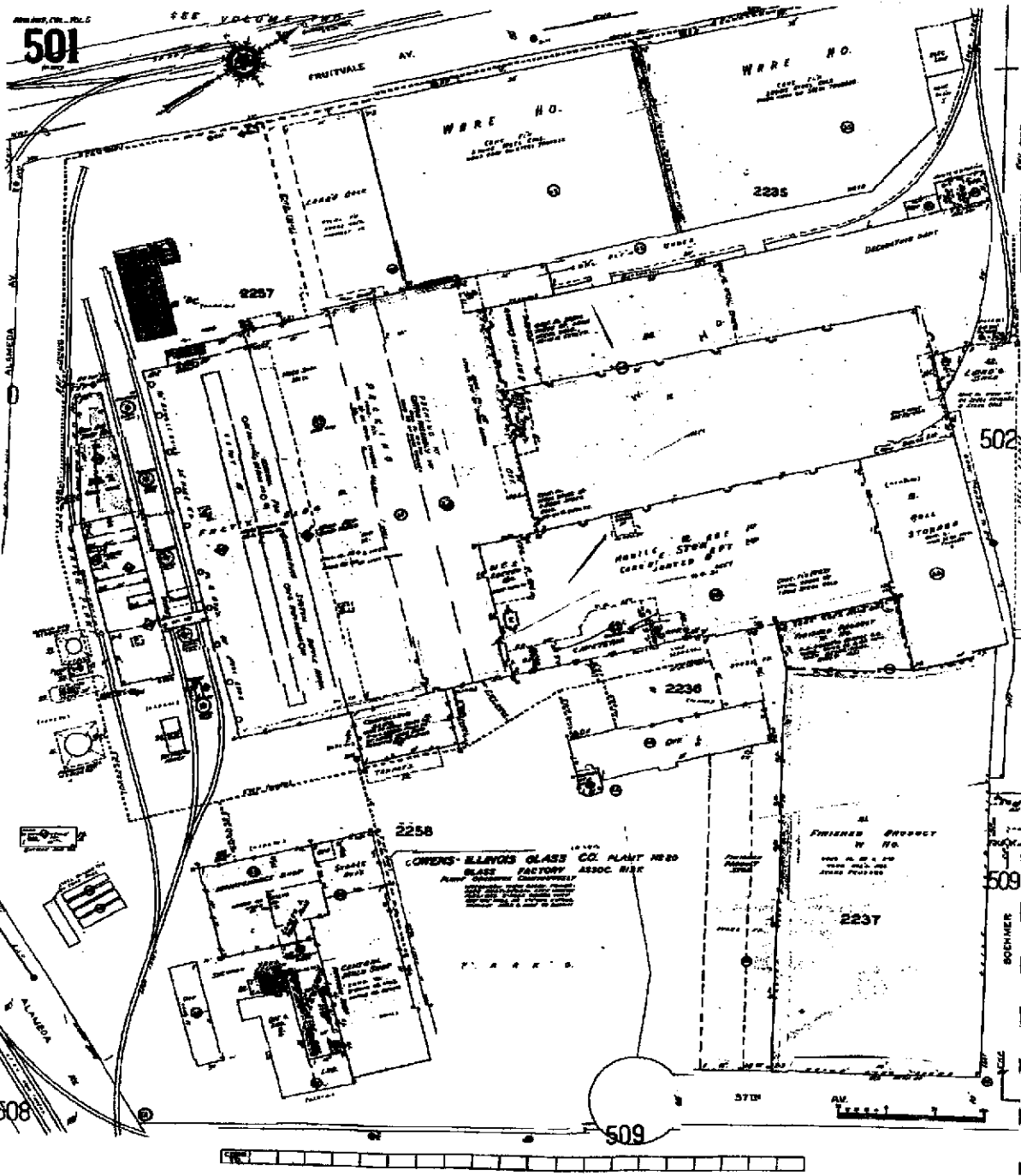
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**CASE CLOSURE SUMMARY
UNDERGROUND FUEL STORAGE TANK LOCAL OVERSIGHT PROGRAM**

Date:9/23/2003

I. AGENCY INFORMATION

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502	Phone: (510) 567-6700
Responsible Staff Person:	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Owens-Brockway Glass Container		
Site Facility Address: 3600 Alameda Avenue		
RB LUSTIS Case No.: ---	Local Case No.:	LOP Case No.:
URF Filing Date:	SWEEPS No.: ---	APN: 033-2250-011-04
Responsible Parties	Addresses	Phone Number
Mr. Robert Neal Owens-Brockway Glass Container, Inc.	3600 Alameda Avenue, Oakland, CA 94601	(510) 436-2174

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	12,000	Kleen Mold (oil)	Removed	11/1986
2	4,000	Deisel	Removed	11/1986
3	4000	Gasoline		11/1986
1	500	Diesel	Removed	11/1986
Piping			Capped in place	1986

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: not specified, probably overflow		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? Yes	Number: 9	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 8.73 ft	Lowest Depth:10.98ft	Flow Direction: SW to SSW
Most Sensitive Current Use: none		

Summary of Production Wells in Vicinity: There are no domestic or irrigation wells identified within 2000 feet of the site:

Are drinking water wells affected? No

Aquifer Name: East Bay Plain

Is surface water affected? No

Nearest SW Name: Oakland Estuary, about 200 feet south

Off-Site Beneficial Use Impacts (Addresses/Locations): none identified

Reports on file? Yes

Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tanks	1 @ 12,000 Gallons 2 @ 4000 Gallons 1 @ 500 Gallons	Not reported	11/1986
Piping	Not reported	Assumed disposed of with soil per manifests	11/1986
Free Product	Yes	-----	-----
Soil	350 cubic yards	Waste Managements, Class I facility Kettleman Hills, CA	-----
Groundwater	None reported	-----	-----

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachment for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)		Contaminant	Soil (ppm)		Water (ppb)	
	1 Before	2 After	3 Before	4 After		1 Before	2 After	3 Before	4 After
TPH (Gas)					Benzene			5	
TPH (Diesel)					Toluene			1.2	
Oil & Grease	25				Ethyl Benzene			NA	
Heavy Metals					Xylene			14	
TPH	1.1-8.1				MTBE (if not analyzed, explain below)				

Above data is from subsurface investigations, soil confirmation sampling was not performed when the soil was excavated. Groundwater data is compiled from site wells and presented in the CKG Data Compilation and Closure Report dated November 4, 2003.

MTBE was not analyzed because the tanks were removed in 1986 before MTBE was widely used.

Site History and Description of Corrective Actions:

The Owens-Brockway glass manufacturing facility is located at 3600 Alameda Avenue in Oakland, California, (Plate 1). The site is located to the north of the Alameda estuary with Fruitvale Avenue to the west, a former retail center to the east and residences to the north.

Onsite facilities include the operating glass manufacturing plant, warehouses, offices and two former underground fuel storage tank areas. The gasoline UST area is located near the central part of the plant adjacent to the

compressor building. Originally there were four USTs in the area. When they were removed and replaced by two new USTs a gasoline release to the subsurface was observed.

Owens-Brockway excavated impacted soil at the time the USTs were replaced. Groundwater monitoring has been ongoing for the last 16 years.

1986 - Removed existing USTs (one 500 gallon, two 4,000 gallon and one 12,000 gallon). Replaced with two double walled USTs (one for gasoline and one for diesel). Visible releases from the tanks were observed during removal.

July 1986 - Subsurface investigation completed including 16 soil borings. Assessed location of source and distribution of impact.

July - December 1986 - Three of the 18 wells mentioned above were installed in the area of the gasoline USTs. Impacts to groundwater were documented but floating hydrocarbon product was observed.

1987-1988 - Tri-annual groundwater monitoring was implemented

August 1997 - present - Annual groundwater monitoring resumed at site. Levels of petroleum hydrocarbons have stabilized.

October 1998 - USTs installed in 1986 were removed. There are no USTs remaining at the site.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, it does not appear that the release would present a risk to human health.		
Site Management Requirements:		
Should corrective action be reviewed if land use changes? Yes		
Monitoring Wells Decommissioned: Some	Number Decommissioned: 7	Number Retained: 13
List Enforcement Actions Taken: none		
List Enforcement Actions Rescinded: none		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances: <ul style="list-style-type: none">• Once UST cases are closed all wells can be decommissioned.• Residual soil contamination still remains in place at this site.• Analysis for TAME, ETBE, DIPE, TBA, ETOH, EDB, and EDC not performed.
Conclusion: This office does not believe that the levels of residual contamination pose a significant threat to water resources, public health and safety, and the environment under the current industrial land uses based upon the information available in our files to date. The source has been over-excavated and residual pollution is expected to be reduced by natural attenuation.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Amir K. Gholami	Title: Hazardous Materials Specialist
Signature:	Date:
Reviewed by:	Title:
Signature:	Date:
Approved by: .	Title:
Signature:	Date:

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name:	Title:
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature:	Date:

Attachments:

**CASE CLOSURE SUMMARY
UNDERGROUND FUEL STORAGE TANK LOCAL OVERSIGHT PROGRAM**

Date: 9/23/2003

I. AGENCY INFORMATION

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502	Phone: (510) 567-6700
Responsible Staff Person:	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Owens-Brockway Glass Container		
Site Facility Address: 3600 Alameda Avenue		
RB LUSTIS Case No.: ---	Local Case No.:	LOP Case No.:
URF Filing Date:	SWEEPS No.: ---	APN: 033-2250-011-04
Responsible Parties	Addresses	Phone Number
Mr. Robert Neal Owens-Brockway Glass Container, Inc.	3600 Alameda Avenue, Oakland, CA 94601	(510) 436-2174

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	16,000	Fuel oil	Removed	1986
2	24,000	Fuel oil	Removed	1987
3	24,000	Fuel Oil	Removed	1987
Piping			Capped in place	1986-87

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: not specified, probably overfill		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? Yes	Number: 11	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 8.73 ft	Lowest Depth: 10.98ft	Flow Direction: SW to SSW
Most Sensitive Current Use: none		

Summary of Production Wells in Vicinity: There are no domestic or irrigation wells identified within 2000 feet of the site:

Are drinking water wells affected? No

Aquifer Name: East Bay Plain

Is surface water affected? No

Nearest SW Name: Oakland Estuary, about 200 feet south

Off-Site Beneficial Use Impacts (Addresses/Locations): none identified

Reports on file? Yes

Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	1 @ 16,000 Gallons 2 @ 24,000 Gallons	Not reported	9/1986 3/1987
Piping	Not reported	disposed of along with soil per manifests	1986-87
Free Product	Yes	-----	-----
Soil	148 cubic yards	Waste Managements, Class I facility Kettleman Hills, CA	-----
Groundwater	None reported	-----	-----

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachment for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)		Contaminant	Soil (ppm)		Water (ppb)	
	1 Before	2 After	3 Before	4 After		1 Before	2 After	3 Before	4 After
TPH (Gas)					Benzene	310	NA		
TPH (Diesel)					Toluene	1000	NA		
Oil & Grease	56,000	NA			Ethyl Benzene	NA	NA		
Heavy Metals					Xylene	1500	NA		
TPH	22,000	NA		NA	MTBE (if not analyzed, explain below)	-----	-----	<2.0	<2.0

Above data is from subsurface investigations, soil confirmation sampling was not performed when the soil was excavated. Groundwater data is compiled from site wells and presented in the CKG Data Compilation and Closure Report dated November 4, 2003.

MTBE was not analyzed because the tanks contained fuel oil and because the tanks removed in 1986/87 before MTBE was widely used.

Site History and Description of Corrective Actions:

The Owens-Brockway glass manufacturing facility is located at 3600 Alameda Avenue in Oakland, California, (Plate 1). The site is located to the north of the Alameda estuary with Fruitvale Avenue to the west, a former retail center to the east and residences to the north.

Onsite facilities include the operating glass manufacturing plant, warehouses, offices and two former underground

fuel storage tank areas, (Plate 2). One UST site is located on the west side of the plant and included three former USTs, which were used to contain fuel oil. At the time these USTs were removed it was discovered that they had leaked, and some fuel oil product had been released to the subsurface.

Owens-Brockway excavated impacted soil at the time the fuel oil USTs were replaced. Floating product associated with the fuel oil release exists and past efforts to remove it have been unsuccessful. This lack of success is mainly due to the clay rich nature of the subsurface and the viscosity of the product. Groundwater monitoring has been ongoing for the last 16 years.

July 1986 - Construction for new forklift ramp exposed impacted soil.

July 1986 - Subsurface investigation completed including 16 soil borings. Assessed location of source and distribution of impact

July - December 1986 18 monitoring wells installed. Impacts to groundwater were documented

September 1986 - 16,000-gallon fuel oil UST removed and pipeline capped. 36-inch recovery well installed. 148 cubic yards impacted soil removed. March 1987 two 24,000-gallon USTs removed.

1987 - Product recovery device installed. Effort to skim product was unsuccessful

1987-1988 - Tri-annual groundwater monitoring was implemented

1989 - Recovery well was upgraded and a second recovery well installed. Effort to skim product was unsuccessful

August and September 1997 - Recoverable petroleum hydrocarbons product removed from all wells using bailer and absorbent pads. Minor amounts of product were removed but with great effort for minimal result.

August 1997 - present - Annual groundwater monitoring resumed at site.

January 1999 - Collected groundwater samples from five offsite borings in the downgradient direction. Petroleum hydrocarbons were detected in three of the five borings.

June 1999 - Petro-Trap™ passive oil skimmer was installed in MW-2. The Petro-Trap™ recovery was not successful.

December 2000 to present - Soakease™ absorbent pads are installed in MW-2, MW-5, MW-6, MW-7, MW-8 and MW-9, which are replaced regularly. Pads are replaced regardless of quantity of oil present. Most wells yield only traces of product. MW-2 and MW-6 routinely yield product.

February 2000 - Two wells proposed (MW-19 and 20) MW-19 in downgradient direction offsite.

December 2000 - MW-20 was installed and included in the sampling program MW-19 was not installed due to difficulty with offsite access.

July 2001 - Recovery wells were destroyed The recovery wells were deemed a liability due to potential surface water infiltration.

April 2003 - Encroachment permit to install MW-19 granted. Site summary letter prepared and submitted to Alameda County Health.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, it does not appear that the release would present a risk to human health.		
Site Management Requirements:		
Should corrective action be reviewed if land use changes? Yes		
Monitoring Wells Decommissioned: Some	Number Decommissioned: 7	Number Retained: 13
List Enforcement Actions Taken: none		
List Enforcement Actions Rescinded: none		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

- Once UST cases are closed all wells can be decommissioned.
- Residual soil contamination still remains in place at this site.
- Analysis for TAME, ETBE, DIPE, TBA, ETOH, EDB, and EDC not performed.

Conclusion:

This office does not believe that the levels of residual contamination pose a significant threat to water resources, public health and safety, and the environment under the current industrial land uses based upon the information available in our files to date. The source has been over-excavated and residual pollution is expected to be reduced by natural attenuation.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Amir K. Gholami	Title: Hazardous Materials Specialist
Signature:	Date:
Reviewed by:	Title:
Signature:	Date:
Approved by: .	Title:
Signature:	Date:

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name:	Title:
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature:	Date:

Attachments: