## Wickham, Jerry, Env. Health

From: Nushwat, Matthew [MMN8@pge.com]
Sent: Fridav. April 05, 2013 9:52 AM

To: Carlton, Cleet@Waterboards (Cleet.Carlton@waterboards.ca.gov); Wickham, Jerry, Env.

Health; cjemison@dtsc.ca.gov TS-001-13 (Nitrogen Test)

Attachments: T-001-13\_NitrogenTest\_Alignment.pdf; TS-001-13-Water-L-105N-3-EnvProjAssess[1].pdf

Mr. Cleet Carlton, P.G. Engineering Geologist San Francisco Bay Regional Water Quality Control Board 1515 Clay Street, Suite 1400 Oakland, California 94612 (510) 622-2374

Mr. Jerry Wickham Alameda County LOP Alameda County Environmental Health 1131 Harbor Bay Parkway Alameda, CA 94502-6577 (510) 567-6700

Mr. Claude Jemison DTSC Cleanup program Berkeley Office 700 Heinz Avenue Berkeley, CA 94710-2721 (510) 540-3803

Hello Mr. Carlton, Mr. Wickham,

How are you.

Subject:

Subject: PG&E Notification of Pending Excavation Nearby Land Use Restrictions Site, Project - TS-001-13 (Nitrogen Test), Location: L-105N-3 MP0.00 - 0.01

### Reference:

Three (3) sites within 500 feet of TS-001-13 have Land Use Restrictions in place: (1) Volvo GM Heavy Truck site (GeoTracker ID SL18337757) approx. 100 feet east of TS-001-13; (2) PG&E GC Gas Service site (GeoTracker ID T0600100258) approx. 200 feet southwest of TS-001-13; (3) - PG&E site (GeoTracker ID T06019795861) approx. 200 feet southeast of TS-001-13.

PG&E will excavate access to pipeline L-105N-3, MP 0.00 - 0.01. A search of Environmental databases in advance of the excavation shows that dig location is nearby a Land Use Restriction sites referenced as Case No. SL18337757, ID T0600100258, ID T06019795861. PG&E notification to the Waterboard and Alameda County is required before excavation may proceed.

PG&E's Dig Location is not contiguous to, or otherwise similarly situated with respect to the Land Use Restriction site(s).

PG&E's pending excavation at the dig location should not impact the Land Use Restriction site(s).

Hello Mr. Jemison,

How are you.

Subject: PG&E Notification of Pending Excavation Nearby Land Use Restrictions Site, Project - TS-001-13 (Nitrogen Test), Location: L-105N-3 MP0.00 - 0.01

#### Reference:

Three (3) sites within 600 feet of TS-001-13 have Land Use Restrictions in place: (1) Dutch Boy #3 site (GeoTracker ID 01390006) approx. 600 feet north of TS-001-13; (2) Dutch Boy Paint site (GeoTracker ID 0139003) approx. 700 feet north TS-001-13; (3) Dutch Boy 32 site (GeoTracker ID 0139005) approx. 700 feet north of TS-001-13.

PG&E will excavate access to pipeline L-105N-3, MP 0.00 - 0.01. A search of Environmental databases in advance of the excavation shows that dig location is nearby a Land Use Restriction sites referenced as Case No. 01390006, 01390003, 01390005. PG&E notification to DTSC (Cleanup Program) is required before excavation may proceed.

PG&E's Dig Location is not contiguous to, or otherwise similarly situated with respect to the Land Use Restriction site(s).

PG&E's pending excavation at the dig location should not impact the Land Use Restriction site(s).

Please indicate if additional information is needed; and, if you have any issues or concerns. PG&E appreciates RWQCB's, Alameda County and DTSC's consideration and assistance in this matter.

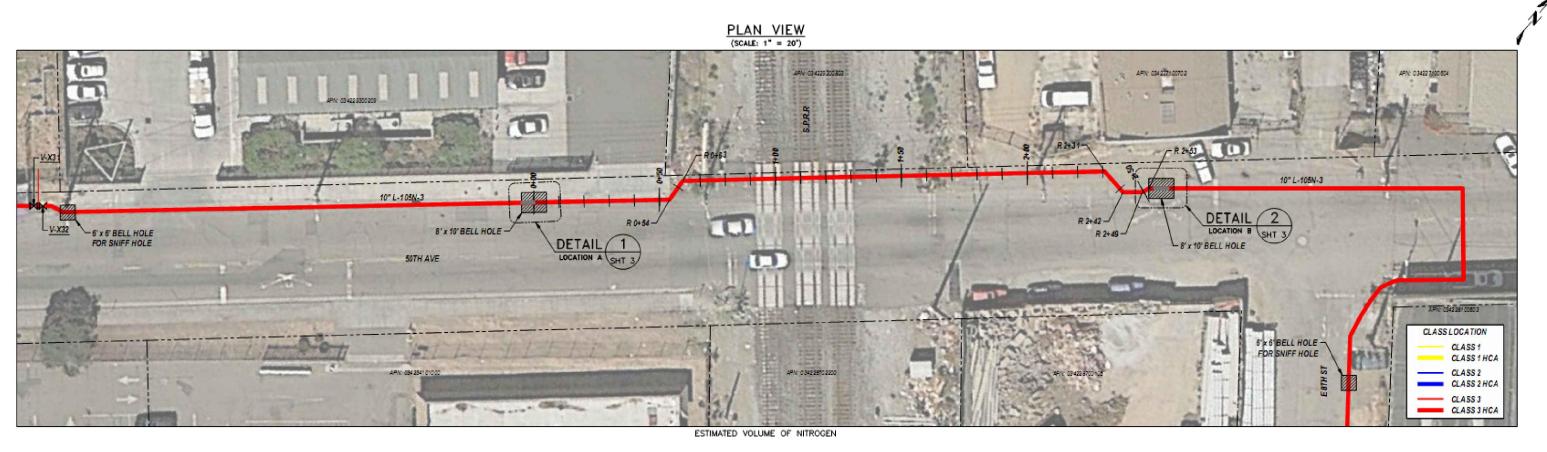
### Regards,

Matthew Nushwat PG&E Environmental Operations 6121 Bollinger Canyon Road San Ramon, CA 94583 (925) 244-3664 Cell: (925)-207-4681

PG&E is committed to protecting our customers' privacy.

To learn more, please visit <a href="http://www.pge.com/about/company/privacy/customer/">http://www.pge.com/about/company/privacy/customer/</a>





Pipeline alignment and excavation locations for the TS-001-13 nitrogen test in Oakland

# **Environmental Project Assessment**

The following state agency databases have been queried for active and inactive groundwater release and soil contamination sites within approximately 1,000 feet of each proposed excavation:

- California Environmental Protection Agency (Cal/EPA) State Water Resources Control Board GeoTracker database for sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks [USTs], United States Department of Defense, Site Cleanup Program) as well as permitted facilities such as operating USTs and land disposal sites.
- California Environmental Protection Agency Department of Toxic Substances Control (DTSC) EnviroStor Data Management System that provides information on hazardous waste permitted and corrective action facilities, as well as existing site cleanup information and corrective actions that are planned, being conducted, or have been completed under DTSC's oversight.

Pacific Gas and Electric Company's (PG&E) E-Screen tool within the PG&E Intranet GIS Map Server was queried for the potential presence of naturally occurring asbestos (NOA) at each proposed dig location. A summary of potential site contamination and the estimated depth to groundwater at each dig location is provided in this table. Additional database information is provided in the attached GeoTracker/EnviroStor Review Summary Table.

It should be noted that the GeoTracker and EnviroStor databases do not include all contaminated sites throughout California. Additionally, locations shown in GeoTracker and EnviroStor sometimes differ from site-specific maps or remedial actions by several hundred feet; distances and directions provided in this review should be considered approximate. Because contaminated soil and groundwater may be encountered on project sites, routine inspections of digging and trenching operations should be performed to look for the potential presence of contamination. Soil discoloration, odors, abandoned underground tanks or pipes, and buried debris are signs of potential contamination.

Project: TS-001-13 (Nitrogen Test) Location: L-105N-3 MP 0.00 – 0.01

Date: March 28, 2013

Reviewer: Charles Holbert - CH2M HILL

Dig Location	Potential Presence of NOA	Groundwater Depth (feet bgs)	Contamination Summary	Comments
TS-001-13	No	2 - 10	Fifteen (15) sites identified within approx. 1,000 feet of the TS-001-13 pipeline segment. Five (5) sites are located within approx. 500 feet of TS-001-13. The AAA Equipment Company site (GeoTracker ID SL0600186350) is located approx. 100 feet west of TS-001-13. Grab samples collected in 2008 reported to contained elevated concentrations of TPHd and chlorobenzene in soil and groundwater.  Three (3) sites within 500 feet of TS-001-13 have Land Use Restrictions in place:  Volvo GM Heavy Truck site (GeoTracker ID SL18337757) approx. 100 feet east of TS-001-13  PG&E GC Gas Service site (GeoTracker ID T0600100258) approx. 200 feet southwest of TS-001-13  PG&E site (GeoTracker ID T06019795861) approx. 200 feet southeast of TS-001-13.  The Volvo site contains buried waste that impact groundwater, primarily with elevated concentrations of metals (arsenic, barium, cadmium, and zinc) and lower concentrations of TPHg and benzene. The PG&E GC Gas Service site contains soil impacted with arsenic, lead, and PAHs; groundwater reported to contain low	LAND USE RESTRICTIONS (three sites located within approx. 100 to 200 feet of TS-001-13)  Groundwater may contain elevated concentrations of metals, dichlorobenzene, and lesser concentrations of petroleum hydrocarbons.

Dig Location	Potential Presence of NOA	Groundwater Depth (feet bgs)	Contamination Summary	Comments
			concentrations of benzene, 1,1-DCA, and 1,1-DCE. The PG&E site contains soil and groundwater impacted with elevated concentrations of metals (arsenic, cadmium, lead, and zinc) and low concentrations of TPHg.	
			The Dutch Boy Paint and Dutch Boy # 2 sites are located approx. 700 feet north of TS-001-13. These sites also have <u>Land Use Restrictions</u> in place because soil is impacted with elevated concentrations of lead. Previous investigations report that groundwater beneath the sites has not been impacted.	

### Notes:

1,1-DCA = 1,1-Dichloroethane

1,1-DCE = 1,1-Dichloroethene

bgs = Below Ground Surface

NOA = Naturally Occurring Asbestos

PAHs = Polycyclic Aromatic Hydrocarbons

TPHd = Total Petroleum Hydrocarbons as Diesel

TPHg = Total Petroleum Hydrocarbons as Gasoline

# **GeoTracker / EnviroStor Review Summary**

Project: TS-001-13 (Nitrogen Test) Location: L-105N-3 MP 0.00 – 0.01

Date: March 28, 2013

**Reviewer: Charles Holbert - CH2M HILL** 

Dig Location	GeoTracker or EnviroStor Site Name	Distance and Direction <u>from</u> Dig Location	Estimated Depth To Groundwater at Site (ft bgs)	Groundwater Flow Direction	Site Contamination Summary	Link to Site Information	Comments and Notes
TS-001-13  745 50th Ave Oakland, CA 94601  37.76511 -122.213787	AAA EQUIPMENT COMPANY (SL0600186350) 745 50TH OAKLAND, CA 94601 Cleanup Site Status: Assessment	~100 ft west	~ 7-8 feet	Southwest	Results for soil and GW grab samples collected in April 2008 are:  SOIL TPHd ranging from 110 to 5,000 mg/kg; 1,4-DCB and chlorobenzene detected at 21,000 and 150,000 ug/kg  GROUNDWATER TPH-D at 930 to 170,000 ug/L; benzene at 2.9 to 28 ug/L; trichlorobenzene up to 7,100 ug/L; chlorobenzene from 39 to 1,000 ug/L	http://geotracker.wa terboards.ca.gov/pro file_report.asp?globa l_id=SL0600186350	Cleanup Status History  2/27/2002 Open - Site Assessment  2/27/2002 Open - Case Begin Date
	Volvo GM Heavy Truck (SL18337757) 750 50th Avenue Oakland, CA 94601 Cleanup Site Status: Verification	~100 ft east	~2-7 feet	Radial pattern flowing to the surrounding tidally- influenced storm water channels	Buried wastes that impact GW primarily with metals, are present across the site. GW barrier wall (~ 350 ft in length) constructed of interlocking sheetpiles located along west property boundary to a total depth of between 15 and 20 feet bgs to impede metals from flowing into adjacent surface water channel.	http://geotracker.wa terboards.ca.gov/pro file_report.asp?globa l_id=SL18337757	Notify prior to subsurface work. No groundwater extraction or excavation of soils without agency review and approval.  Case #: 01S0422 Contact: Cleet Carlton San Francisco Bay RWQCB (Region 2) (510) 622-2374 ccarlton@waterboards.ca.gov

Dig Location	GeoTracker or EnviroStor Site Name	Distance and Direction <u>from</u> Dig Location	Estimated Depth To Groundwater at Site (ft bgs)	Groundwater Flow Direction	Site Contamination Summary	Link to Site Information	Comments and Notes
					In Dec 2012, GW reported to contain 240 ppb TPH-G and 0.65 ppb benzene. Max conc. of metals were:  2.0 ppm As 134 ppm Ba 92.0 ppm Cd 31,000 ppm Zn		
	VOLVO GMC (T0600101546) 5050 COLISEUM WY OAKLAND, CA 94601 LUST Site Status: Case Closed	~100 ft east	NA	NA	Gasoline listed as potential contaminant of concern. Case reported closed in July 2009. No other information available.	http://geotracker.wa terboards.ca.gov/pro file_report.asp?globa l_id=T0600101546	Cleanup Status History  7/14/2009 Completed - Case Closed 6/3/2009 Open – Inactive 9/3/1991 Open - Site Assessment 3/18/1991 Open - Case Begin Date 1/2/1965 Open - Site Assessment
	PG&E GC GAS SERVICE (T0600100258) 4930 COLISEUM Oakland, CA 94601 Cleanup Site Status: Assessment	~200 ft southwest	~3-6 feet	South to Southeast	Lead present in soil as a result of sandblasting and removal of a former aboveground natural-gas holder tank in May 1990. Arsenic and PAHs collocated with the lead. The area delineated as containing lead in soil at conc. greater than 250 mg/kg covered with an asphalt cap in 1993.  Lateral extent of lead contamination not fully defined. Metals not detected in GW samples collected from three wells as part of additional investigation conducted in Oct 2010.	http://geotracker.wa terboards.ca.gov/pro file_report.asp?globa l_id=T0600100258	LAND USE RESTRICTIONS  NO EXCAVTION WITHOUT PRIOR APPROVAL  Case No.: RO0002751 Jerry Wickham Alameda County LOP (510) 567-6791

Dig Location	GeoTracker or EnviroStor Site Name	Distance and Direction <u>from</u> Dig Location	Estimated Depth To Groundwater at Site (ft bgs)	Groundwater Flow Direction	Site Contamination Summary	Link to Site Information	Comments and Notes
	PG&E (T06019795861) 5051 COLISEUM OAKLAND, CA 94601 Cleanup Site Status: Assessment	~200 ft southeast	~4-10 feet	South	in May and Nov 2009; 1.6 ug/L benzene May 2009; low levels of 1,1- DCA and 1,1-DCE consistently detected.  A Corrective Action Plan was submitted to the Alameda County Environmental Health Dept. in July 2012.  The site is currently a paved parking area, has a soils management plan, and is deed restricted. Soil and GW at the site was contaminated by lead smelting, sulfuric and nitric acid production, and coal tar storage.  The most recent 3-year monitoring event (December 2012) determined GW at the site contained 340 ug/L TPH-G, 15 ug/L As, 5,300 ug/L Cd, and 1,200,000 ug/L. Zn.	http://geotracker.wa terboards.ca.gov/pro file_report.asp?globa l_id=T06019795861	LAND USE RESTRICTIONS  Notify prior to subsurface work. No groundwater extraction or excavation of soils without review and approval by the San Francisco Bay RWQCB.  Case No.: RO0002751 Jerry Wickham Alameda County LOP (510) 567-6791
	FOREMAN PROPERTY (SL0600100691) 5105 8TH OAKLAND, CA 94601  Cleanup Site Status: Assessment	~500 feet northeast	NA	NA	Lead listed as potential contaminant of concern. In July 2009, case reported as not claimed in GeoTracker database. No other information available.	http://geotracker.wa terboards.ca.gov/pro file_report.asp?globa l_id=SL0600100691	Cleanup Status History 9/23/2005 Open - Site Assessment 9/7/2005 Open - Case Begin Date

Dig Location	GeoTracker or EnviroStor Site Name	Distance and Direction <u>from</u> Dig Location	Estimated Depth To Groundwater at Site (ft bgs)	Groundwater Flow Direction	Site Contamination Summary	Link to Site Information	Comments and Notes
	WESTERN STUCCO (T0600102059) 5115 8TH STREET Oakland, CA 94601  LUST Site Status: Assessment	~600 ft northeast	~3-4 feet	Reported to range from southeast to northwest; regional direction is southwest	One 8,000-gallon diesel UST and one 8,000- gallon gasoline UST removed from the site. Contaminated soil and possibly free product remains in the area of the former USTs. Extent of GW contamination has not been defined to the west and north and may extend off-site.  Max GW conc. in March 2009:  1,300 ug/L TPH-G 7,000 ug/L TPH-D 0.6 ug/L benzene	http://geotracker.wa terboards.ca.gov/pro file_report.asp?globa l_id=T0600102059	Cleanup Status History 6/16/2003 Open - Site Assessment 6/5/1997 Open - Site Assessment 3/26/1991 Open - Case Begin Date
	American Electrofinishing (70000089) 4933 San Leandro Street Oakland, CA 94601 Evaluation Status: No Action Required	~600 ft northeast	NA	NA	In 2007, soil beneath the building reported to contain cadmium and chromium above California Human Health Screening Levels (CHHSLs) for both residential (1.7 mg/kg) and industrial (7.5 mg/kg) land use. Max concentrations of cadmium and chromium were 860 mg/kg and 640 mg/kg, respectively.	http://www.envirost or.dtsc.ca.gov/public /profile_report.asp?g lobal_id=70000089	American Electro Finishing (AEF) was a metal finishing company operating from to 1993. AEF received several notice of violation (NOV) from Alameda County Health Care Services Agency for various reasons such as: storing unlabeled hazardous in container without accumulation date, storage of waste in spill containment sump, storing plating solutions in rusted and leaking container, spillage of metals on soil near drum storage area.
	DUTCH BOY #3 (01390006) 4825 SAN LEANDRO STREET OAKLAND, CA 94601 State Response	~600 ft north	~6-7 feet	Southeast	Previous investigations reported lead up to 35,000 mg/kg and arsenic up to 350 mg/kg in soil. An asphalt cap was placed over the impacted soil.	http://www.envirost or.dtsc.ca.gov/public /profile_report.asp?g lobal_id=01390006	LAND USE RESTRICTIONS  NO EXCAVTION WITHOUT PRIOR APPROVAL  ID #: 01390006 Contact: Claude Jemison

Dig Location	GeoTracker or EnviroStor Site Name	Distance and Direction <u>from</u> Dig Location	Estimated Depth To Groundwater at Site (ft bgs)	Groundwater Flow Direction	Site Contamination Summary	Link to Site Information	Comments and Notes
	Status: Certified / Operation & Maintenance				Previous investigations report that groundwater beneath the site has not been impacted.		DTSC Cleanup Program Berkeley Office (510) 540-3803 cjemison@dtsc.ca.gov  The former Dutch Boy Paint Factory is located at 4701- 4825 San Leandro Street in Oakland. The Site is divided into three parcels (the Collins' parcel, EnviroStor 01390003), parcel 1 (northern parcel, EnviroStor 01390005), and parcel 2 (southern parcel, EnviroStor 01390006).
	DUTCH BOY PAINT (01390003) 4701 SAN LEANDRO STREET OAKLAND, CA 94601  Voluntary Cleanup Status: Certified / Operation & Maintenance	~700 ft north	~5-7 feet	Southeast	Previous investigations revealed lead in soil above background levels. Lead ranged from nondetect to 696 ppm.  Arsenic detected in some soil samples, and ranged from non-detect to 22 ppm. There are four capped areas at the site: Area A, Area B, Area C and Area D. Areas A, C, and D are paved with asphalt. Area B has a concrete cover.  Previous investigations report that groundwater beneath the site has not been impacted.	http://www.envirost or.dtsc.ca.gov/public /profile_report.asp?g lobal_id=01390003	LAND USE RESTRICTIONS  NO EXCAVTION WITHOUT PRIOR APPROVAL  ID #: 01390003 Contact: Claude Jemison DTSC Cleanup Program Berkeley Office (510) 540-3803 cjemison@dtsc.ca.gov  The former Dutch Boy Paint Factory is located at 4701- 4825 San Leandro Street in Oakland. The Site is divided into three parcels (the Collins' parcel, EnviroStor 01390003), parcel 1 (northern parcel, EnviroStor 01390005), and parcel 2 (southern parcel, EnviroStor 01390006).
	DUTCH BOY #2 (01390005) 4825 SAN LEANDRO STREET Oakland, CA 94601 State Response	~700 ft north	~6-7 feet	Southeast	Previous investigations reported lead up to 1,700 mg/kg and arsenic up to 6 mg/kg in shallow soil. An asphalt cap was placed over the impacted soil.	http://www.envirost or.dtsc.ca.gov/public /profile_report.asp?g lobal_id=01390003	NO EXCAVTION WITHOUT PRIOR APPROVAL  ID #: 01390005 Contact: Claude Jemison

Dig Location	GeoTracker or EnviroStor Site Name	Distance and Direction <u>from</u> Dig Location	Estimated Depth To Groundwater at Site (ft bgs)	Groundwater Flow Direction	Site Contamination Summary	Link to Site Information	Comments and Notes
	Status: O&M				Previous investigations report that groundwater beneath the site has not been impacted.		DTSC Cleanup Program Berkeley Office (510) 540-3803 cjemison@dtsc.ca.gov  The former Dutch Boy Paint Factory is located at 4701- 4825 San Leandro Street in Oakland. The Site is divided into three parcels (the Collins' parcel, EnviroStor 01390003), parcel 1 (northern parcel, EnviroStor 01390005), and parcel 2 (southern parcel, EnviroStor 01390006).
	SUPERIOR PLASTER CASTINGS (T06019788277) 4800 COLISEUM OAKLAND, CA 94601 Cleanup Site Status: Assessment	~700 ft west	NA	NA	Groundwater sampling on adjacent properties indicate the presence of chlorinated solvents (dichlorobenzene and trichlorobenzene) that appear to originate from a source that includes this property. No other information available	http://geotracker.wa terboards.ca.gov/pro file_report.asp?globa l_id=T06019788277	Cleanup Status History  5/16/1991 Open - Site Assessment 4/18/1991 Open - Site Assessment 4/8/1991 Open - Site Assessment 4/8/1991 Open - Case Begin Date
	LEARNER INVESTMENT CO (SLT2O150156) 768 46TH OAKLAND, CA 94601 Cleanup Site Status: Assessment	~900 ft west	~7-8 feet	Southwest	TPH, PCBs, and metals (Cd, Cr, Ni, and Pb) reported in soil samples collected in the late 1980s to early 1990s. Investigation results from 2008 are:  SOIL TPH-D detected in 15 of 24 samples ranging from 4.9 to 920 mg/kg; TPH-MO detected in 22 of 24 samples ranging from 48 to 2,600 mg/kg; PCBs Aroclor 1242, Aroclor 1254, and	http://geotracker.wa terboards.ca.gov/pro file_report.asp?globa l_id=SLT2O150156	Cleanup Status History  8/26/1988 Open - Site Assessment  8/9/1988 Open - Case Begin Date

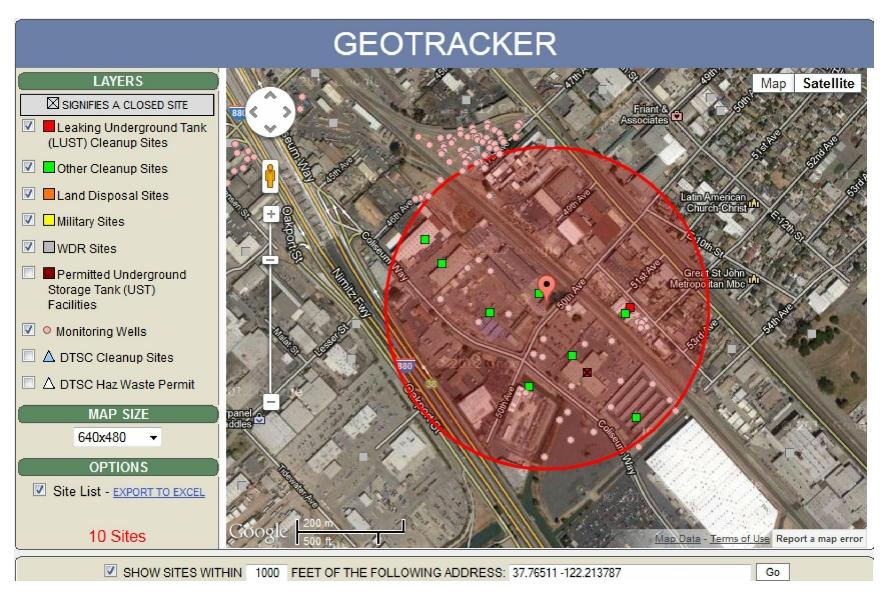
Dig Location	GeoTracker or EnviroStor Site Name	Distance and Direction <u>from</u> Dig Location	Estimated Depth To Groundwater at Site (ft bgs)	Groundwater Flow Direction	Site Contamination Summary	Link to Site Information	Comments and Notes
					Aroclor 1260 detected above their ESL of 300 ug/kg in 12 of 24 samples; 7 of 12 samples contained PCBs at conc. greater than 1,000 ug/kg; metals (As, Cd, Cu, Ni, Pb, and Zn) detected at conc. greater than ESLs in 2 samples.  GROUNDWATER TPH-D ranging from 51 to 2,500 ug/L; TPH-MO ranging from 680 to 3,000 ug/L; low conc of VOCs (1,1-DCA; 1,2-DCA; 1,2,4-TCB; CB, and butylbenzene).		
	COLISEUM WAY PROPERTIES (T06019769714) 5200 COLISEUM OAKLAND, CA 94601 Cleanup Site	~900 ft southeast	NA	NA	Potential COC listed as acetone, other solvent or non-petroleum hydrocarbon. No other information available.	http://geotracker.wa terboards.ca.gov/pro file_report.asp?globa l_id=T06019769714	Cleanup Status History  1/4/1995 Open - Site Assessment  1/4/1995 Open - Case Begin Date
	Status: Assessment Union Pacific Railroad Company (SL0600161821) 833 47th Avenue Oakland, CA 94608  Cleanup Site Status: Assessment	~1,000 ft northwest	~5-12 feet	West southwest for shallow GW	Contaminants of concern (COCs) in soil include pesticides (DDT and DDD) and petroleum hydrocarbons (TPH-G/D/MO, ethylbenzene, xylenes, naphthalene, and benzo(a)pyrene). COCs in groundwater include petroleum hydrocarbons (TPH-G/D/MO and BTEXN);	http://geotracker.wa terboards.ca.gov/pro file_report.asp?globa l_id=SL0600161821	Cleanup Status History  6/17/1998 Open - Site Assessment 1/1/1995 Open - Site Assessment 12/1/1983 Verification Monitoring 1/1/1983 Open - Case Begin Date

Dig Location	GeoTracker or EnviroStor Site Name	Distance and Direction <u>from</u> Dig Location	Estimated Depth To Groundwater at Site (ft bgs)	Groundwater Flow Direction	Site Contamination Summary	Link to Site Information	Comments and Notes
					CVOCs (PCE, TCE, DCE,		
					VC, 1,2-DCB, 1,2-DCA,		
					1,1-DCA, carbon		
					tetrachloride, chloroform, and		
					chloromethane); and		
					non-CVOCs (acetone,		
					MEK, and MIBK).		
					,		
					A Focused Site		
					Investigation Work Plan		
					was submitted to the		
					San Francisco Bay		
					RWQCB in October 2012.		

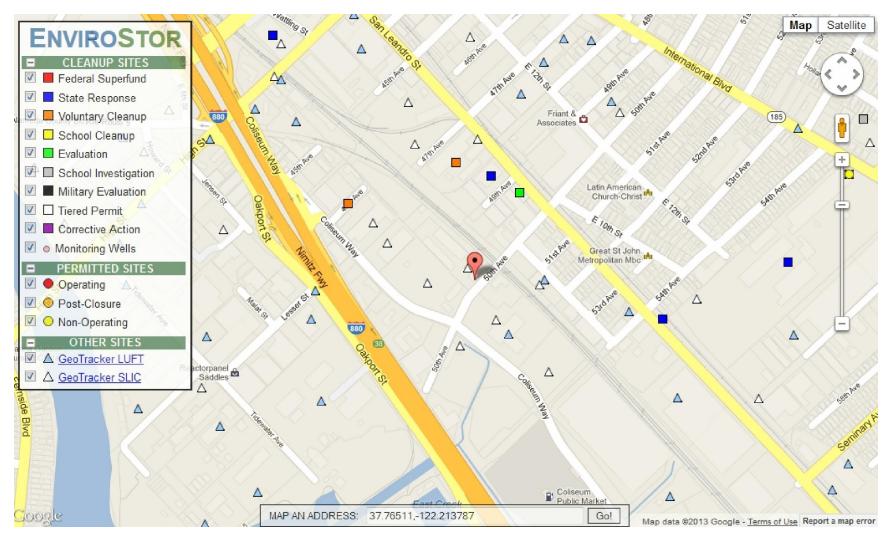
#### Notes:

ft bgs = feet below ground surface

Locations shown in GeoTracker and EnviroStor sometimes differ from site-specific maps or remedial actions by several hundred feet. Therefore, distances and directions provided in this review should be considered approximate.



Screenshot from GeoTracker for TS-001-13



**Screenshot from EnviroStor for TS-001-13**