

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

ALEX BRISCOE, Agency Director



ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

March 30, 2015

Piedmont Station LLC
c/o Mr. Patrick Zimsky
PO Box 3712, Piedmont, CA 94611
(Sent via electronic mail to patrick@patrickzimski.com)

PG&E CO 135-1-2-4
c/o B E Nelson/Dir.-Taxes
PO Box 770000,
San Francisco, CA 94177-0001

Subject: Closure Transmittal; Site Cleanup Program (SCP) Case RO0002899 and Geotracker Global ID SL0600105640; and RO0002633 and Geotracker Global ID SL06000175514; PG&E Piedmont Substation E, 408 Linda Ave., Piedmont, CA 94611

Dear Responsible Parties:

This letter confirms the completion of site investigation and remedial actions for the soil and groundwater investigation at the above referenced site. We are also transmitting the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported releases at the subject site with the provision that the information provided to this agency was accurate and representative of existing conditions. The subject Site Cleanup Program (SCP) case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (<http://geotracker.waterboards.ca.gov>) and the Alameda County Environmental Health website (<http://www.acgov.org/aceh/index.htm>).

Restrictions For Residential Use

None. Affected soil has been excavated and disposed off-site an approved landfill. Soil conditions meet existing residential land use criteria.

If you have any questions, please call Mark Detterman at (510) 567-6876. Thank you.

Sincerely,

Dilan Roe, P.E.
LOP and SCP Program Manager

Enclosures: Case Closure Summary

cc: Cherie McCaulou, San Francisco Bay Regional Water Quality Control Board, 1515 Clay Street, Suite 1400, Oakland, CA 94612, (sent via electronic mail to CMacaulou@waterboards.ca.gov)
Paul King, P&D Environmental, Inc, 55 Santa Clara Avenue, Suite 240, Oakland, CA 94610
(sent via electronic mail to PKing0000@aol.com)

Ms. Kate Black, Planning Director, City of Piedmont, (sent via electronic mail to kblack@ci.piedmont.ca.us)

Mr. Chester Nakahara, Public Works Director, City of Piedmont, (sent via electronic mail to cnakahara@ci.piedmont.ca.us)

Susan Hugo, ACEH, (sent via electronic mail to susan.hugo@acgov.org)

Dilan Roe, ACEH, (sent via electronic mail to dilan.roe@acgov.org)

Mark Detterman, ACEH, (sent via electronic mail to mark.detterman@acgov.org)

Electronic File, GeoTracker

**CASE CLOSURE SUMMARY
SITE CLEANUP PROGRAM**

I. AGENCY INFORMATION

Date: March 26, 2015

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6876
Responsible Staff Person: Mark Detterman	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: PG&E Piedmont Substation E		
Site Facility Address: 408 Linda Ave., Piedmont, CA 94611		
RB Case No.: ----	Previous Case STiD No.: ----	LOP Case No.: RO0002899
GeoTracker ID: SL0600105640	APN: 50-4559-13	
Current Land Use: Residential		
Responsible Parties	Addresses	Phone Numbers
Piedmont Station c/o Patrick Zimsky	5767 Broadway, Suite 102 PO Box 3712 Piedmont, CA 94611	(510) 595-7708
PG& E Co. c/o B E Nelson / DIR- Taxes	PO Box 770000 San Francisco, CA 94177-0001	----

This Case Closure Summary along with the Case Closure Transmittal letter provides documentation of the case closure. 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. Additional information on the case can be viewed in the online case file. The entire case file can be viewed over the Internet on the Alameda County Environmental Health (ACEH) website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board GeoTracker website (<http://geotracker.waterboards.ca.gov>). Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the ACEH website.

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Localized releases from facility operations, and metals-contaminated imported fill soil (source unknown).		
Primary constituents of concern: Inside building: Polychlorinated biphenyls, petroleum hydrocarbons, lead, and asbestos; Outside building: Lead.		
Areas of site investigated for this case: All areas of the site divided into inside and outside building.		
Remediation attempted or completed: Excavation in all areas.		
Number of monitoring wells installed: No wells installed (0)	Number of monitoring wells destroyed: 0 wells	Number of monitoring wells remaining: 0 wells
Highest Groundwater Depth Below Ground Surface: 12.5 feet bgs (sporadic)	Lowest Depth: 14 feet bgs	Flow Direction: Undetermined
Most Sensitive Current Groundwater Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: Well survey not conducted; soils only case.	
Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest Water Body Name: Lake Merritt at 5,200 feet SSW; Pleasant Valley Creek, which is channelized beneath Grand Avenue, is at an approximate distance of 365 feet ESE.

GROUNDWATER SPECIFIC CRITERIA – NON-PETROLEUM					
Has a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame?			Yes; soils only case.		
Site Data			Comments		
Plume Length	0 feet		Soils Only Case		
Estimated Age of Plume	Not Applicable		Soils Only Case		
Non-Aqueous Phase Liquid (NAPL)	No NAPL		Soils Only Case		
Plume Stable or Decreasing	Not Applicable		Soils Only Case		
Distance to Nearest Water Supply Well	Unknown; soils only case		Soils Only Case		
Distance to Nearest Surface Water and Direction	5,200 feet downgradient		Soils Only Case		
GROUNDWATER CONCENTRATIONS FOR PRIMARY CONSTITUENTS OF CONCERN					
Constituent	Historic Site Maximum (ppb)	Current Site Maximum (ppb)	Constituent	Historic Site Maximum (ppb)	Current Site Maximum (ppb)
VOCs (EPA 8260)	ND (various detection limits)	ND (various detection limits)			
Polychlorinated Biphenyls	<0.5	<0.5			
Dissolved lead	<0.5	<0.5			
<p>Note: Nine of the soil bores that were installed at the site collected grab groundwater samples. Four of the grab groundwater samples were analyzed for PCBs, two were analyzed for total lead (or TTLC lead), three for dissolved lead, and three were analyzed for volatile organic compounds. Two grab groundwater samples detected TTLC lead; however, poor sample handling procedures (acidification prior to filtration) appear to be responsible for this error. All other grab groundwater samples returned non-detectable analytical concentrations at standard limits of reporting.</p>					

VAPOR SPECIFIC CRITERIA – NON-PETROLEUM	
Are maximum soil vapor concentrations less than relevant screening criteria?	The non-petroleum chemicals detected at the site are not volatile; therefore, soil vapor sampling was not required.
Has a determination been made that the potential for vapor intrusion poses a low threat to human health and safety under the current land use?	Yes
Has a determination been made that the potential for vapor intrusion poses a low threat to human health and safety if land use changes to a residential or other conservative land use in the future?	Yes

DIRECT CONTACT CRITERIA – NON-PETROLEUM

Are maximum soil concentrations within the upper 10 feet less than relevant screening criteria?

Yes

Has a determination been made that the potential for direct contact with site contamination in shallow soil (upper 10 feet) poses a low threat to human health and safety under the current land use?

Yes

Has a determination been made that the potential for direct contact with site contamination in shallow soil (upper 10 feet) poses a low threat to human health and safety if land use changes to a residential or other conservative land use in the future?

Yes

Note: All concentrations of lead greater than the Residential Environmental Screening Level (ESL) of 80 milligrams per kilogram (mg/kg) lead appear to have been removed from the site and public lands between the property and Oakland Avenue to the west.

LTCP GROUNDWATER SPECIFIC CRITERIA - PETROLEUM

LTCP Groundwater Specific Scenario under which case was closed: Site has not affected groundwater. This is a soils only case.

Site Data		LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Plume Length	0 feet	<100 feet	<250 feet	<250 feet	<1,000 feet
Free Product	No free product	No free product	No free product	Removed to maximum extent practicable	No free product
Plume Stable or Decreasing	Not Applicable	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years	Stable or decreasing
Distance to Nearest Water Supply Well	Survey not conducted	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Distance to Nearest Surface Water and Direction	5,200 feet downgradient	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Property Owner Willing to Accept a Land Use Restriction?	Not applicable for groundwater specific criteria.	Not applicable	Not applicable	Yes	Not applicable

GROUNDWATER CONCENTRATIONS

Constituent	Historic Site Maximum (ppb)	Current Site Maximum (ppb)	LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Benzene	<0.5	<0.5	No criteria	3,000	No criteria	1,000
MTBE	<0.5	<0.5	No criteria	1,000	No criteria	1,000
TPH motor oil	<250	<250	No criteria	No criteria	No criteria	No criteria

Scenario 5: If the site does not meet scenarios 1 through 4, has a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame?

Yes; this is a soils only case.

Note: Nine of the soil bores that were installed at the site collected grab groundwater samples. In addition to non-petroleum hydrocarbon contaminants previously discussed, nine grab groundwater samples were analyzed for petroleum hydrocarbon related contamination. All except samples "T3- Water" returned non-detectable analytical concentrations at standard limits of reporting. Grab groundwater sample "T3-Water" detected 1,400 micrograms per liter (µg/l) Total Petroleum Hydrocarbons (TPH) as diesel and 2,400 µg/l TPH as motor oil. All volatile organic compounds, including naphthalene were non-detectable at varying limits of detection (predominately <0.5 µg/l) in the grab groundwater sample. Notes included by the laboratory indicate that the grab groundwater sample had high levels of suspended sediment. It is suspected that the grab groundwater is associated with the detection of TPHmo in soil samples collected from the soil bore, and is not dissolved TPH. The source of the soil contamination appears to be either discharges to the sanitary sewer connection near the location or the fill soil itself. Grab groundwater samples in soil bores B5, B6, B7, B9, and B10, each within 5 to 10 feet of T3 were non-detectable for TPHmo.

LTCP VAPOR SPECIFIC CRITERIA - PETROLEUM

LTCP Vapor Specific Scenario under which case was closed: This case should be closed in spite of not meeting the vapor specific media criteria.

Active Fueling Station Active as of ----

Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3A Criteria	LTCP Scenario 3E Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria
Unweathered NAPL	No NAPL	LNAPL in groundwater	LNAPL in soil	No NAPL	No NAPL	No NAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	5 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Bioattenuation Zone	< 5.0 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm
Maximum Current Benzene Concentration in Groundwater	<0.5 ppb	No criteria	No criteria	<100 ppb	≥100 and <1,000 ppb	<1,000 ppb	No criteria
Oxygen Data within Bioattenuation Zone	No oxygen data	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4% at lower end of zone	≥4% at lower end of zone
Depth of soil vapor measurement beneath foundation	Not Applicable	No criteria	No criteria	No criteria	No criteria	No criteria	≥5 feet

SCENARIO 4 DIRECT MEASUREMENT OF SOIL VAPOR CONCENTRATIONS

Site Soil Vapor Data			No Bioattenuation Zone		Bioattenuation Zone	
Constituent	Historic Maximum (µg/m ³)	Current Maximum (µg/m ³)	Residential	Commercial	Residential	Commercial
Benzene	----	----	<85	<280	<85,000	<280,000
Ethylbenzene	----	----	<1,100	<3,600	<1,100,000	<3,600,000
Naphthalene	----	----	<93	<310	<93,000	<310,000

If the site does not meet scenarios 1 through 4, does a site-specific risk assessment for the vapor intrusion pathway demonstrate that human health is protected?

If the site does not meet scenarios 1 through 4, has a determination been made that petroleum vapors from soil or groundwater will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?

Detected chemicals at the site (lead and motor oil) are not volatile; therefore, no soil vapor sampling was required.

LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA - PETROLEUM

LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: Maximum concentrations of petroleum hydrocarbons are less than or equal to those in Table 1 below.

Are maximum concentrations less than those in Table 1 below?

Yes

Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (ppm)	Volatilization to outdoor air (5 to 10 feet bgs) ppm	0 to 5 feet bgs (ppm)	Volatilization to outdoor air (5 to 10 feet bgs) ppm	0 to 10 feet bgs (ppm)
Site Maximum	Benzene	<0.005	----	<0.005	----	<0.005
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	<0.005	----	<0.005	----	<0.005
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	<0.005	----	<0.005	----	<0.005
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs	----	----	----	----	----
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5
If maximum concentrations are greater than those in Table 1, are they less than levels from a site-specific risk assessment?				----		
If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?				----		

IV. CLOSURE


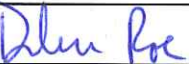
Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes	
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes	
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.	
Site Management Requirements: No restrictions - None.	
Should corrective action be reviewed if land use changes? No	
Was a deed restriction or deed notification filed No	Date Recorded: ----

V. ADDITIONAL COMMENTS AND CONCLUSION

Additional Comments: Soil contamination at the site has been remediated by the demolition of the former PG&E substation, and the excavation of approximately 3,300 tons of soil from areas predominately outside of the former building footprint. This includes all areas of the site and extended offsite to public areas west of the subject property between the property and Oakland Avenue.

Conclusion:
Alameda County Environmental Health staff believe that the site meets the conditions for case closure. No further investigation or cleanup is necessary at this time.

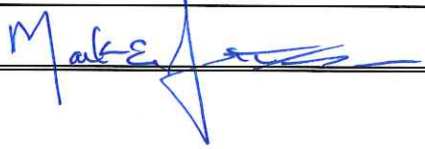
VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Mark Detterman	Title: Senior Hazardous Materials Specialist
Signature: 	Date: 3/30/2015
Approved by: Dilan Roe	Title: LOP and SCP Program Manager
Signature: 	Date: 3/30/2015

VII. REGIONAL BOARD AND PUBLIC NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Regional Board Notification Date: February 23, 2015	
Public Notification Date: February 23, 2015	

VIII. MONITORING WELL DESTRUCTION

Date Requested by ACEH: Not Applicable	Date of Well Destruction Report: ----	
All Monitoring Wells Destroyed: ----	Number Destroyed: 0	Number Retained: 0
Reason Wells Retained: ----		
Additional requirements for submittal of groundwater data from retained wells: ----		
ACEH Concurrence - Signature: 	Date: 3/30/2015	

Attachments:

1. Conceptual Site Model (1 pg)
2. Site Vicinity Map and Aerial Photo (2 pgs)
3. Site Plan (16 pgs)
4. Soil Analytical Data (23 pgs)
5. Groundwater Analytical Data (8 pgs)

ATTACHMENT 1

CSM Report

[GEOTRACKER HOME](#) | [MANAGE PROJECTS](#) | [REPORTS](#) | [SEARCH](#) | [LOGOUT](#)

PG&E SUBSTATION E (SL0600105640) - [MAP THIS SITE](#)

[OPEN - SITE ASSESSMENT](#)

408 LINDA
PIEDMONT, CA 94611
ALAMEDA COUNTY

[ACTIVITIES REPORT](#)
[PUBLIC WEBPAGE](#)

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0002899
CASEWORKER: [MARK DETTERMAN](#) - SUPERVISOR: [DILAN ROE](#)
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: NA
CASEWORKER: [Cherie McCaulou](#) - SUPERVISOR: [Cheryl L. Powell](#)
CR Site ID #: NOT SPECIFIED

THIS PROJECT WAS LAST MODIFIED BY [MARK DETTERMAN](#) ON 3/26/2015 4:39:50 PM - [HISTORY](#)

THIS SITE HAS SUBMITTALS. CLICK [HERE](#) TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

CSM REPORT - [VIEW PUBLIC NOTICING VERSION OF THIS REPORT](#)

UST CLEANUP FUND CLAIM INFORMATION (DATA PULLED FROM SCUFIS)

FIVE YEAR REVIEW INFORMATION

CLAIM NO	PRIORITY	CLAIMANT	SITE ADDRESS	AMT REIMB TO DATE	AGE OF LOC	IMPACTED WELLS?	REVIEW NUM	REVIEWER	FUND RECOMMENDATION	TO OVERSIGHT DATE	TO CLAIMANT DATE
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PROJECT INFORMATION (DATA PULLED FROM GEOTRACKER) - [MAP THIS SITE](#)

SITE NAME / ADDRESS	STATUS	STATUS DATE	RELEASE REPORT DATE	AGE OF CASE	CLEANUP OVERSIGHT AGENCIES
PG&E SUBSTATION E (Global ID: SL0600105640) 408 LINDA PIEDMONT, CA 94611	Open - Site Assessment	11/14/2006	10/1/1999	15	ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0002899 CASEWORKER: MARK DETTERMAN - SUPERVISOR: DILAN ROE SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: NA CASEWORKER: Cherie McCaulou - SUPERVISOR: Cheryl L. Powell

STAFF NOTES (INTERNAL)

- Complaint Date: 21-JUL-05

Not all historic documents for the fuel leak case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Environmental Health website at: <http://ehgis.acgov.org/dehpublic/dehpublic.jsp>.

SITE HISTORY

Not all historic documents for the fuel leak case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Environmental Health website at: <http://ehgis.acgov.org/dehpublic/dehpublic.jsp>.

The site is located within a mixed residential /commercial area in Piedmont. The site consists of a 5,000 square foot building located on approximately 0.5 acre parcel. PG&E originally built the building, Substation E in 1926. The building stored equipment which contained PCBs in insulation oil, lead in lead-based paint, and asbestos. Soil surrounding the building appears to have been contaminated by lead based paint, which weathered and came of the building over time, and may also have been present in the imported soil. The exterior walls of the building have since been scraped, cleaned, and blasted.

On 10/19/1999 nine surface soil samples (SESP-1 through SESP-9) were collected at the site. SESP-1 through SESP-8 were located on the outside of the building while SESP-9 was located in a sump within the building. The exterior samples were collected from unpaved surface soils and analyzed for lead, PCBs, TPH as motor oil, mineral oil, and diesel. Up to 1,600 mg/kg lead, 0.14 ppm PCB, 69 ppm TPHd and 67 ppm TPHmo was detected in the samples.

On 11/23/1999, four borings (B1 through B4) were advanced at the site. Soil samples were collected from each boring from surface to 30 inches in depth and analyzed for lead. The results indicated that lead concentrations decreased significantly with depth, with the highest lead concentration being 46 ppm in the deepest samples.

Between January and March 2001, soils surrounding the exterior of the building were excavated ranging in depth from 6-24 inches. The highest residual lead concentration detected in the twelve post-excitation samples (A-H) was 178 ppm. Approximately 582 cubic yards of soil was excavated and disposed of offsite.

On June 28, 2004, four soil samples were taken from areas where lead analytical data was lacking. Two samples were taken from each location, one from a depth of 6 - 9 inches and the other from a depth of 12 - 15 inches. The results indicated that an eastern strip of the property had lead concentrations exceeding the residential ESL of 200 ppm (shallow soils where groundwater is a potential drinking water source) and that the southwest corner of the site was below this ESL.

On January 11, 2005, the eastern section of the site was excavated to a depth of approximately 2 feet. On January 18, 2005 after the soils were deemed dry enough after recent rains, four post-excitation confirmation samples (EXC-Conf1 through EXC-Conf4) were collected for lead analysis. These samples ranged from 9.1 to 36 ppm. The pH of the soil ranged from 5.48 to 6.93. Approximately 56 cy of soil was excavated and disposed of off-site.

Soil remediation activities were conducted on April 2, 2007 to remove residual petroleum hydrocarbons and includes excavation of seven cubic yards of soil from location T3. The soils were excavated by hand in an area approximately 20 feet long, 2.5 feet wide, and 4 feet deep. TPHmo was detected at a concentration of 61 mg/kg in a confirmation sample collected from the base of the trench. The excavation was backfilled with soil imported soil.

On July 22, 2014 a work plan for post-remediation confirmation sampling was submitted and, on October 1, 2014 a modified work plan approval letter was issued by ACEH. Between August 18 and October 3, 2014 remaining lead paint on the PG&E building was abated. Between October 6, 2014, and February 5, 2015, lead contaminated soil was excavated in a series of mobilizations that are summarized in the February 23, 2015 report entitled Site Remediation and Confirmation Sampling Report.

CLEANUP ACTION INFO

NO CLEANUP ACTIONS HAVE BEEN REPORTED

RISK INFORMATION

[VIEW CASE REVIEWS](#)

CONTAMINANTS OF CONCERN	CURRENT LAND USE	BENEFICIAL USE	DISCHARGE SOURCE	DATE REPORTED	STOP METHOD	NEARBY / IMPACTED WELLS
Lead, Waste Oil / Motor / Hydraulic / Lubricating	Commercial	GW - Municipal and Domestic Supply	Other	10/1/1999	Other Means	0

FREE PRODUCT	OTHER CONSTITUENTS	NAME OF WATER SYSTEM	LAST REGULATORY ACTIVITY	LAST ESI UPLOAD	LAST EDF UPLOAD	EXPECTED CLOSURE DATE	MOST RECENT CLOSURE REQUEST
			2/23/2015	2/23/2015	2/20/2015		

CDPH WELLS WITHIN 1500 FEET OF THIS SITE

NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN	GW BASIN NAME	WATERSHED NAME
050 455901300	Santa Clara Valley - East Bay Plain (2-9.04)	South Bay - East Bay Cities (204.20)

COUNTY	PUBLIC WATER SYSTEM(S)
Alameda	EAST BAY MUD - 375 ELEVENTH STREET, OAKLAND, CA 94607

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN GROUNDWATER - [HIDE](#) [VIEW ESI SUBMITTALS](#)

FIELD PT NAME	DATE	TPH _g	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
POND 1	12/23/2014		ND	ND	ND			

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - [HIDE](#) [VIEW ESI SUBMITTALS](#)

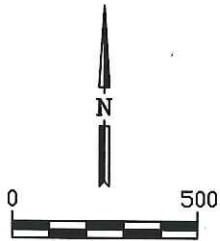
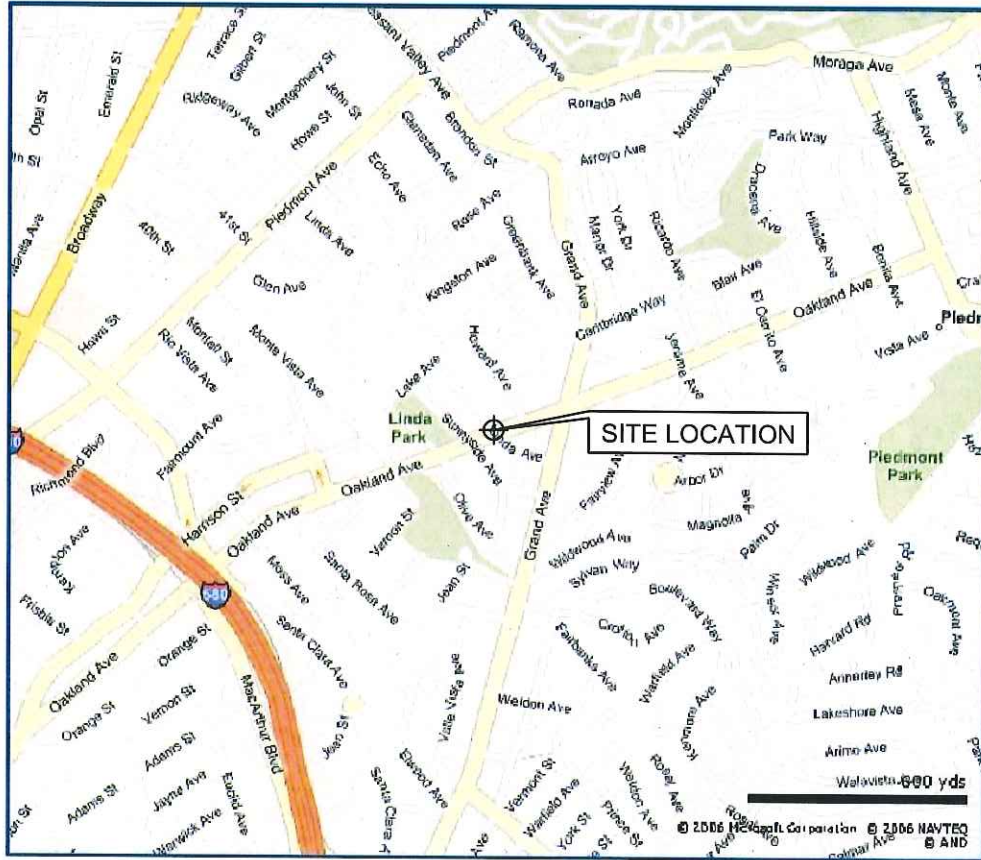
FIELD PT NAME	DATE	TPH _g	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
COMP A	11/14/2014		ND	ND	ND			
COMP B	11/21/2014		ND	ND	ND			
V1	10/31/2014		ND	ND	ND			
V2	10/31/2014		ND	ND	ND			
V3	10/31/2014		ND	ND	ND			
V4	10/31/2014		ND	ND	ND			

MOST RECENT GEO_WELL DATA - [HIDE](#)

[VIEW ESI SUBMITTALS](#)

NO GEO_WELL DATA HAS BEEN SUBMITTED TO GEOTRACKER ESI FOR THIS SITE

ATTACHMENT 2



APPROXIMATE SCALE IN YARDS



**Engineering/Remediation
Resources Group, Inc.**
185 Mason Circle, Suite A/B
Concord, California 94520
(925) 969-0750

CLIENT:
**PARSONS PG&E
PIEDMONT EXCAVATION**

LOCATION:
**408 LINDA AVE.
PIEDMONT, CALIFORNIA**

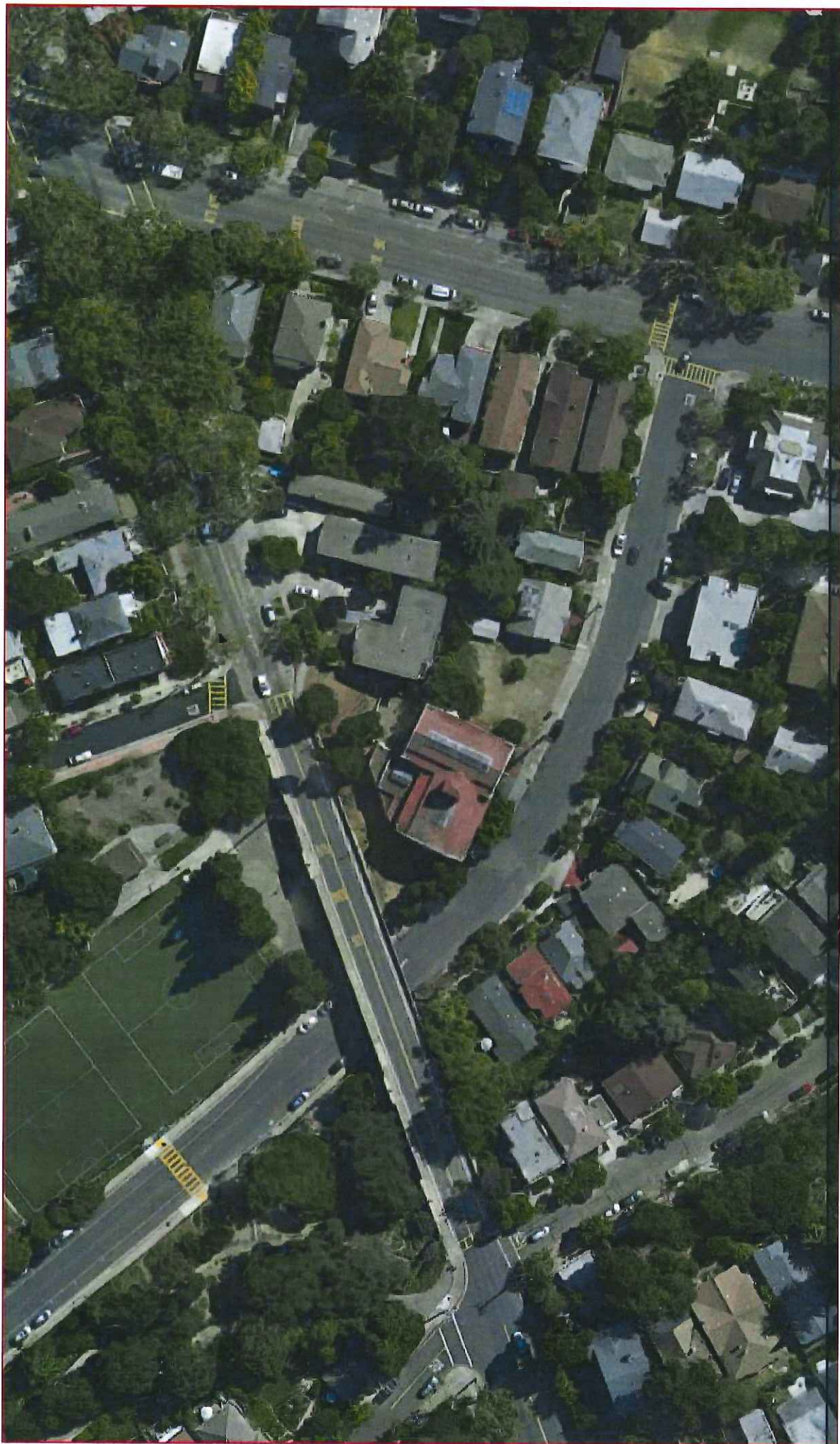
DESIGNED BY:
RDB 5-1-07

CHECKED BY:
TW 5-1-07

P.E.P.G.:
-

SITE LOCATION MAP

ERRG PROJECT NO.	REVISION NO.	SHEET	OF	FIG NO.
27-060	0	1	1	1



ATTACHMENT 3

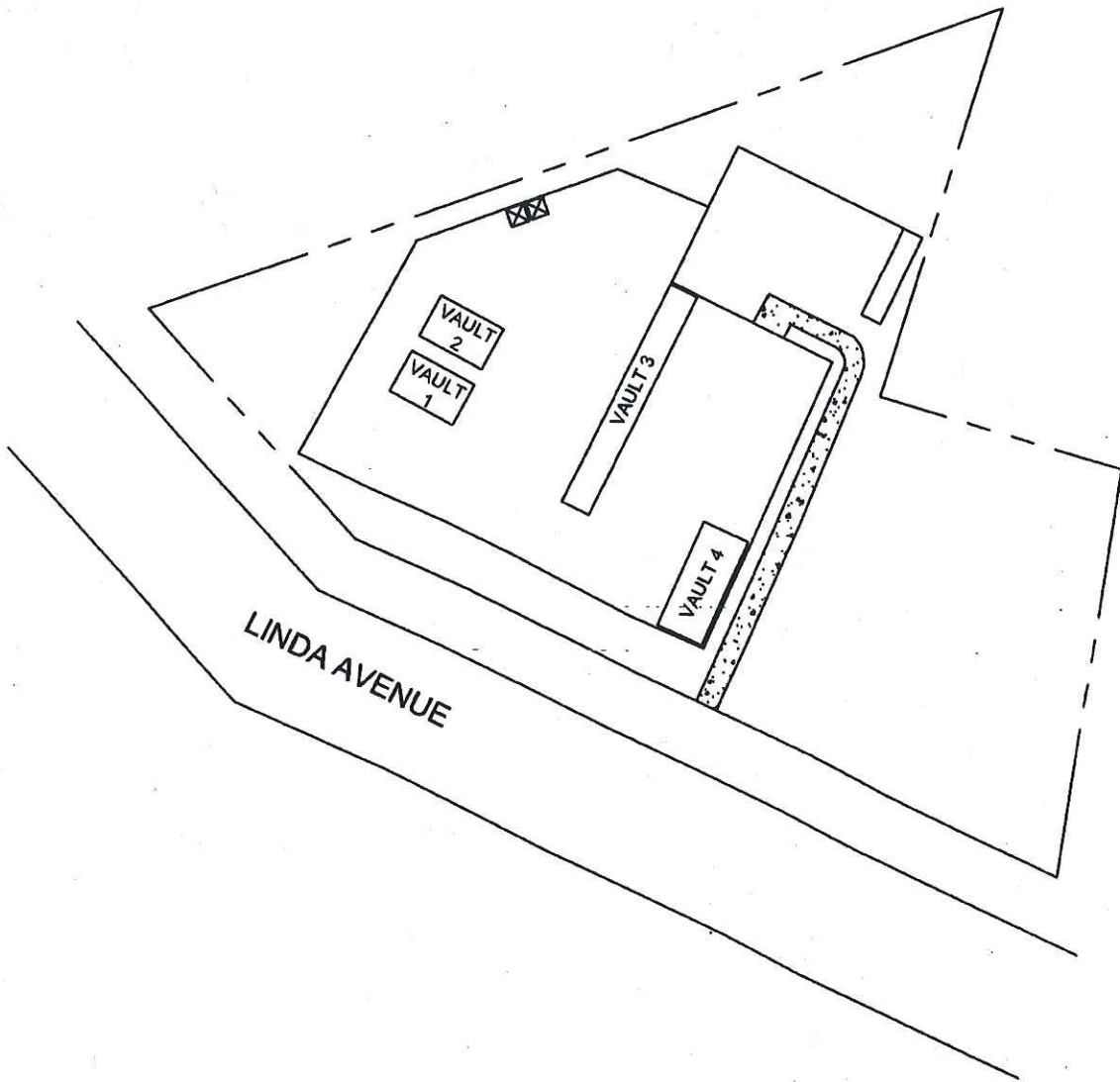
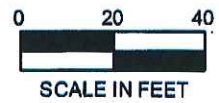


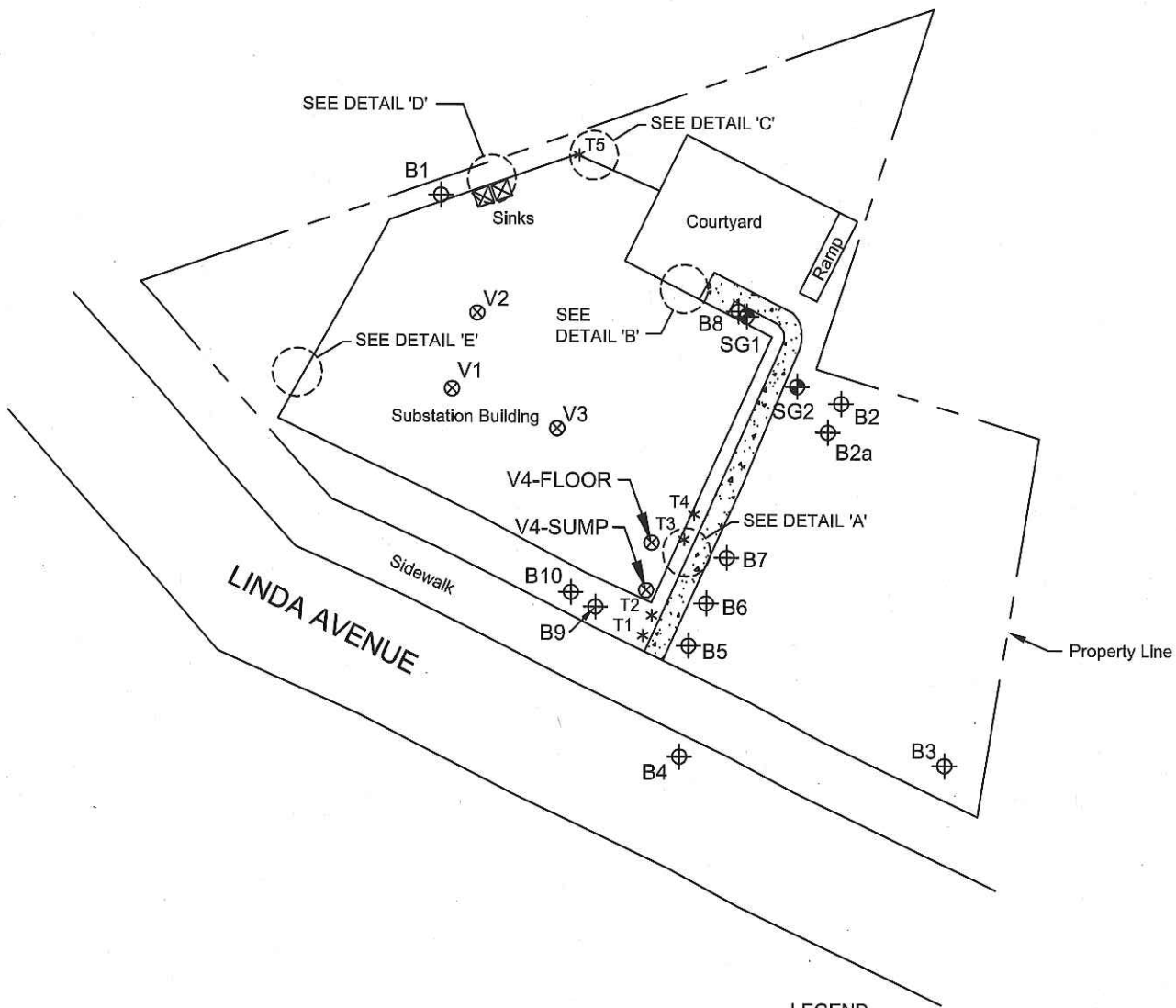
Figure 2
SITE PLAN - Showing Building Vault Locations
Piedmont Station LLC
408 Linda Avenue, Piedmont, California



Base Map from:
PG&E, 11/2/01

P&D Environmental, Inc.
55 Santa Clara Ave., Ste. 240
Oakland, Ca, 94610





LEGEND

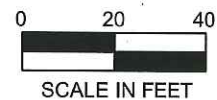
- ⊕ B10 Borehole Location
- * T5 Soil Sample Location
- ⊗ V4 Soil Sample Location
- ⊕ SG2 Soil Gas Sample Location

Figure 3
 SITE PLAN - Showing Sample Collection Locations
 Piedmont Station LLC
 408 Linda Avenue, Piedmont, California

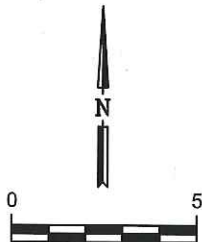
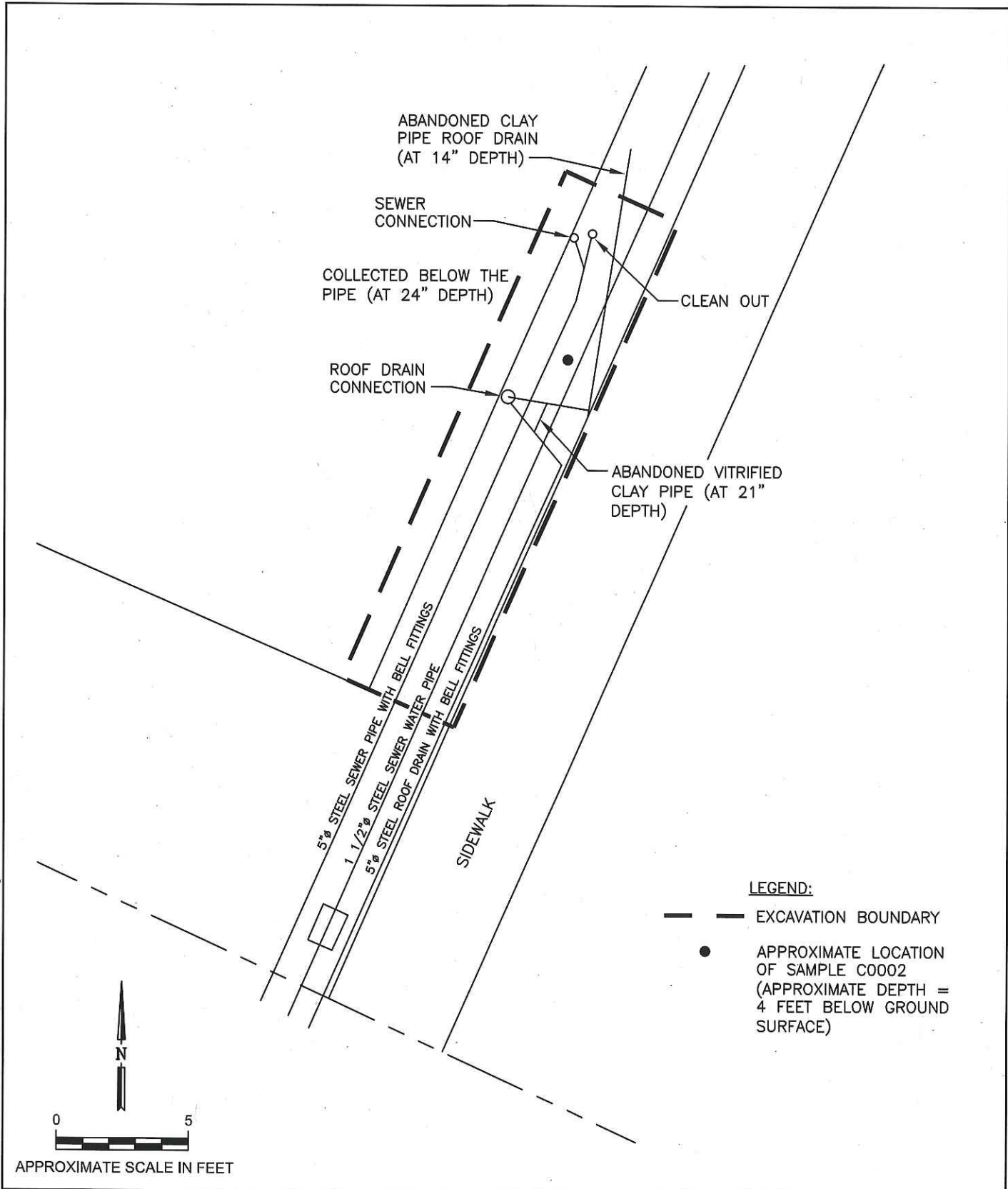


Base Map from:
 PG&E, 11/2/01

P&D Environmental, Inc.
 55 Santa Clara Ave., Ste. 240
 Oakland, Ca, 94610



P:\2007_Projects\27-060_Parsons PG&E\IN_Maps_Dwgs\excavation area.dwg



APPROXIMATE SCALE IN FEET

- LEGEND:**
- EXCAVATION BOUNDARY
 - APPROXIMATE LOCATION OF SAMPLE C0002 (APPROXIMATE DEPTH = 4 FEET BELOW GROUND SURFACE)



Engineering/Remediation Resources Group, Inc.
 185 Mason Circle, Suite A/B
 Concord, California 94520
 (925) 969-0750

CLIENT:
 PARSONS PG&E
 PIEDMONT EXCAVATION

LOCATION:
 408 LINDA AVE.
 PIEDMONT, CALIFORNIA

DESIGNED BY:
 RDB 5-1-07

CHECKED BY:
 TW 5-1-07

P.E.P.G.:
 -

EXCAVATION AREA BASED ON P&D ENVIRONMENTAL DETAIL A				
ERRG PROJECT NO.	REVISION NO.	SHEET	OF	FIG NO.
27-060	0	1	1	3

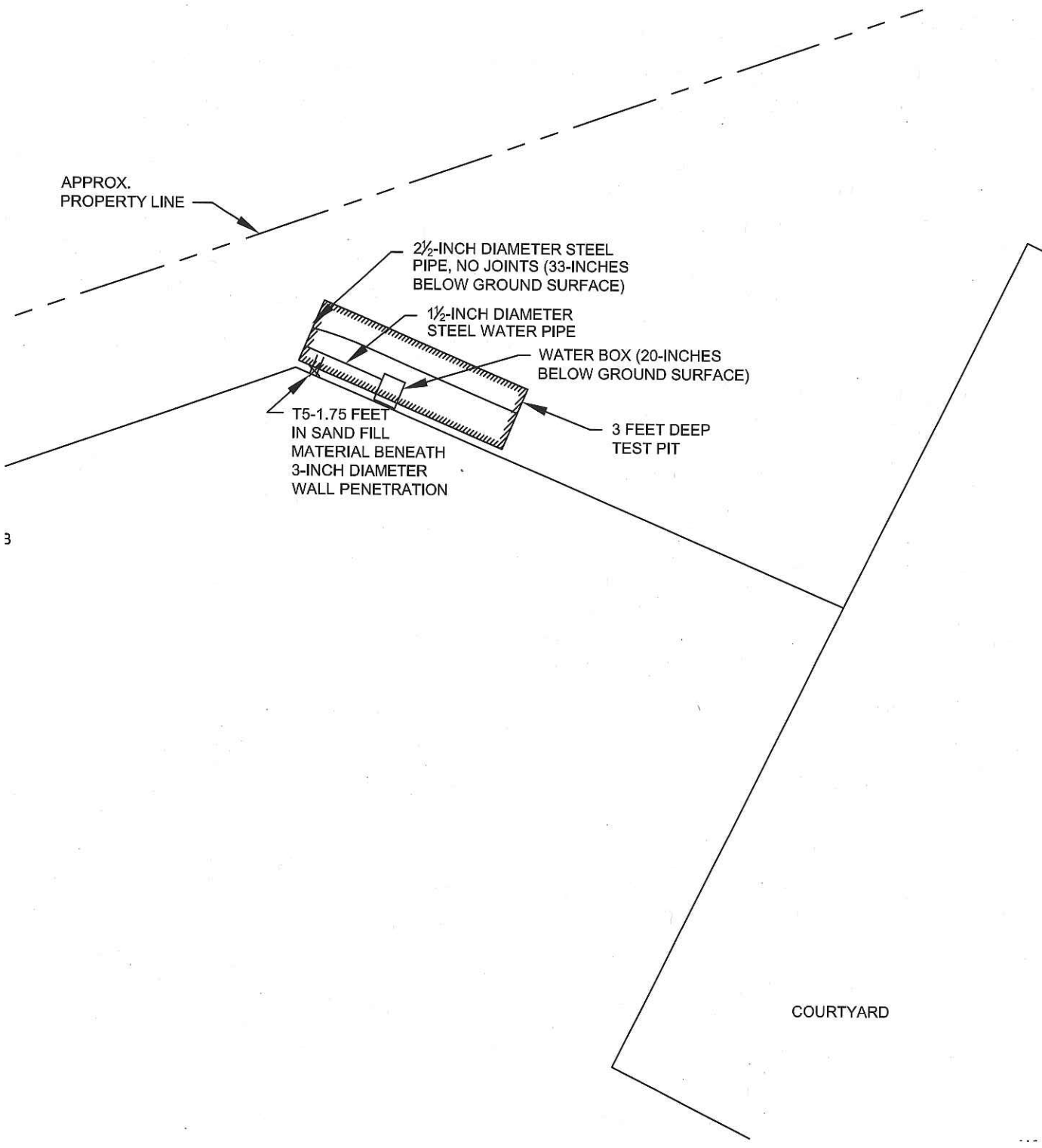


Figure 7
 SITE PLAN DETAIL 'C'
 Piedmont Station LLC
 408 Linda Avenue, Piedmont, California



Base Map from:
 PG&E, 11/2/01

P&D Environmental, Inc.
 55 Santa Clara Ave., Ste. 240
 Oakland, Ca, 94610



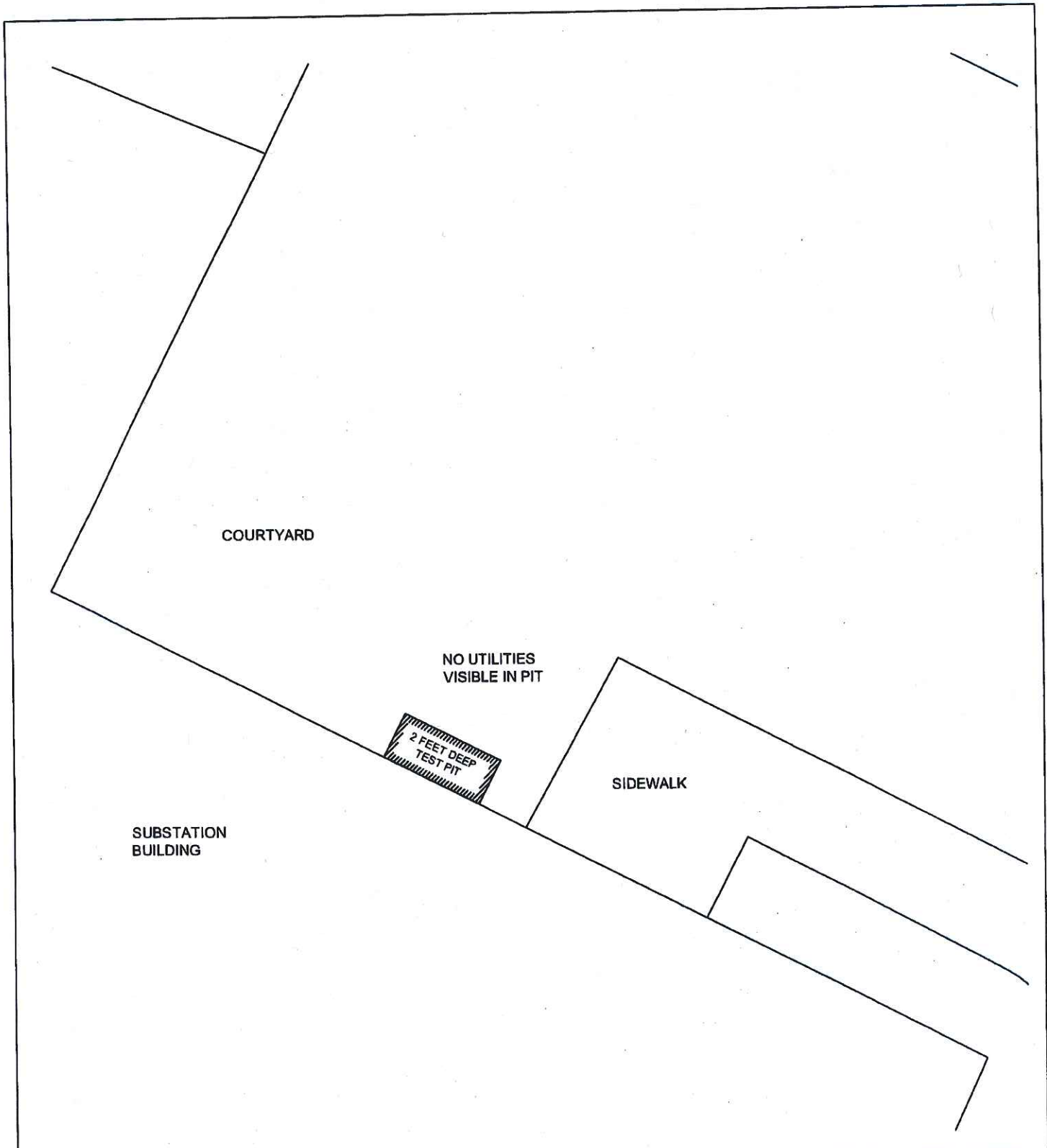
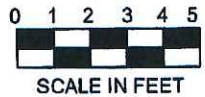


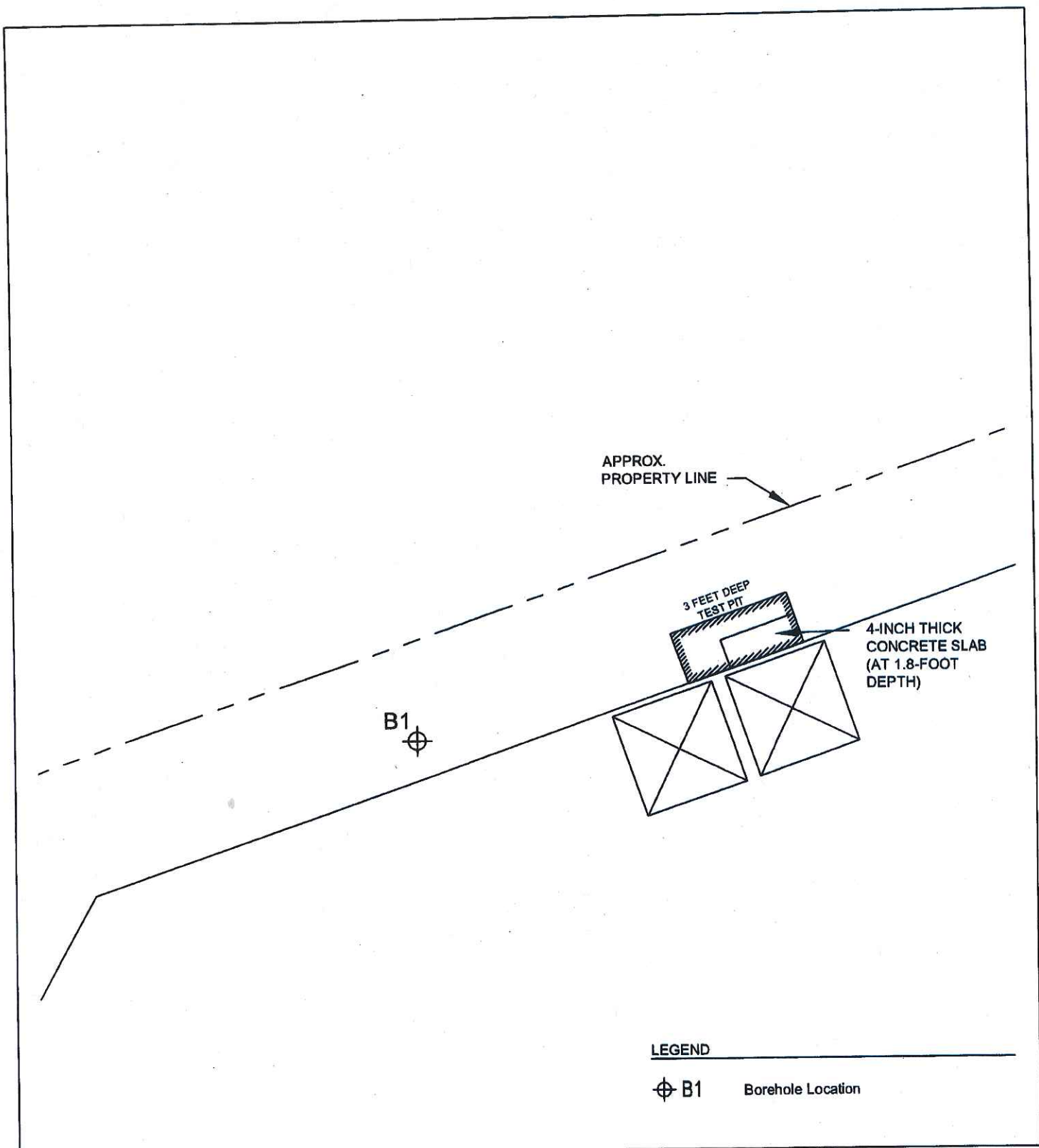
Figure 6
SITE PLAN DETAIL 'B'
Piedmont Station LLC
408 Linda Avenue, Piedmont, California



Base Map from:
PG&E, 11/2/01

P&D Environmental, Inc.
55 Santa Clara Ave., Ste. 240
Oakland, Ca, 94610





LEGEND

⊕ B1 Borehole Location

Figure 8
SITE PLAN DETAIL 'D'
Piedmont Station LLC
408 Linda Avenue, Piedmont, California



Base Map from:
 PG&E, 11/2/01

P&D Environmental, Inc.
 55 Santa Clara Ave., Ste. 240
 Oakland, Ca, 94610



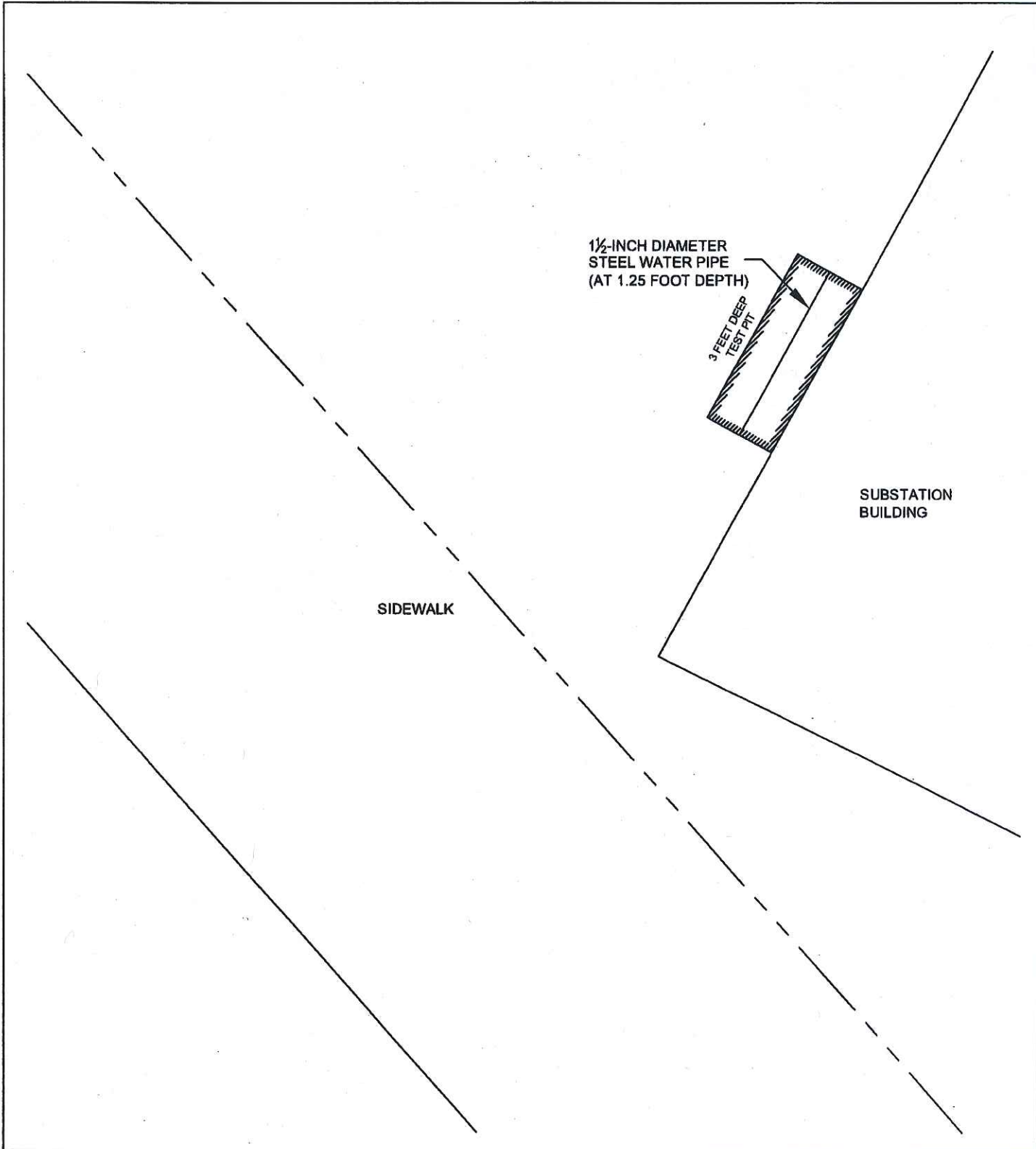


Figure 9
 SITE PLAN DETAIL 'E'
 Piedmont Station LLC
 408 Linda Avenue, Piedmont, California



Base Map from:
 PG&E, 11/2/01

P&D Environmental, Inc.
 55 Santa Clara Ave., Ste. 240
 Oakland, Ca, 94610



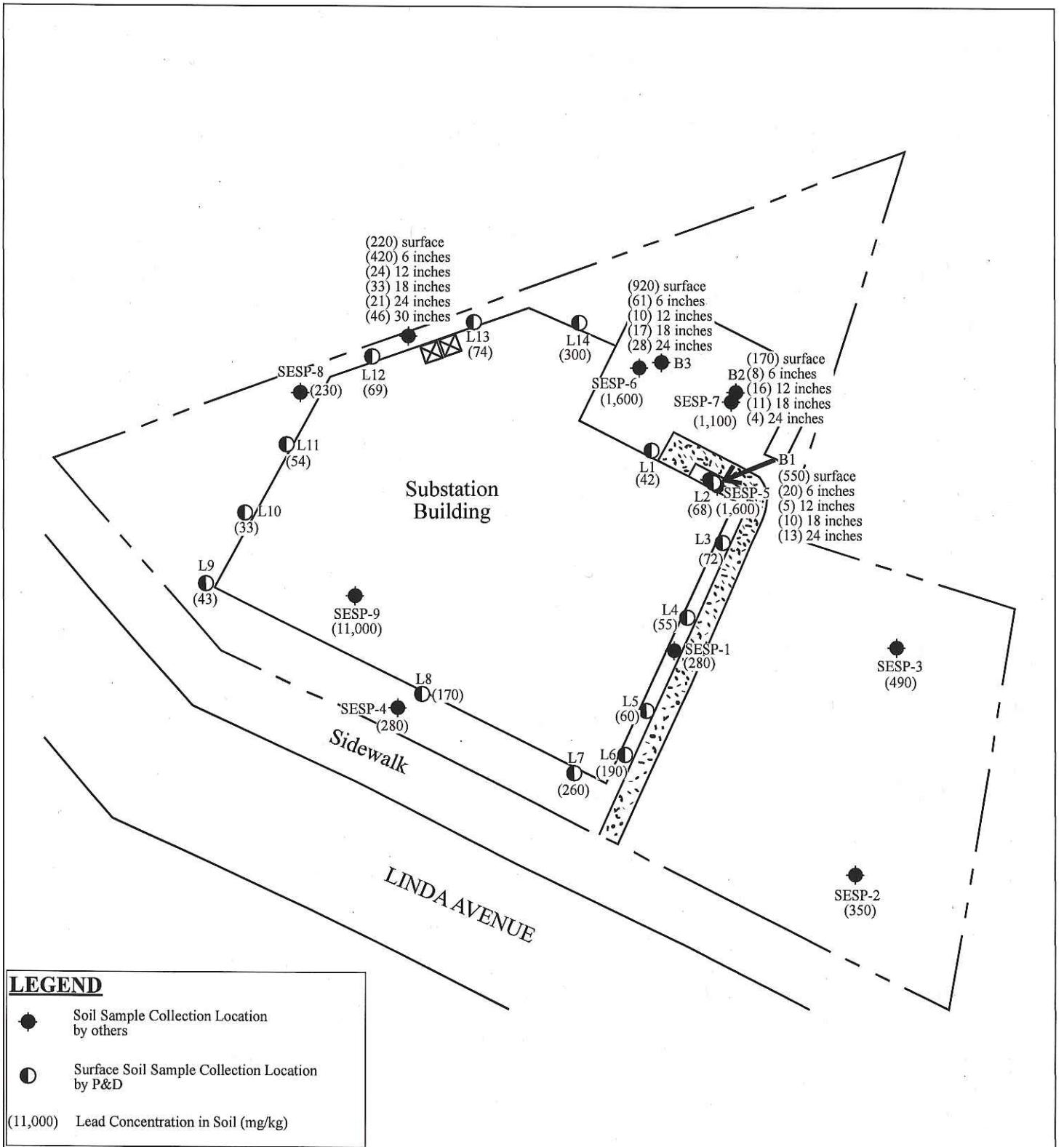
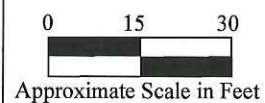


Figure 2
 Site Plan Showing Residual Soil Lead Concentrations
 Piedmont Station LLC
 408 Linda Avenue
 Piedmont, California

Base Map From:
 PG&E, 11/2/2001

P&D Environmental, Inc.
 55 Santa Clara Avenue, Suite 240
 Oakland CA 94610



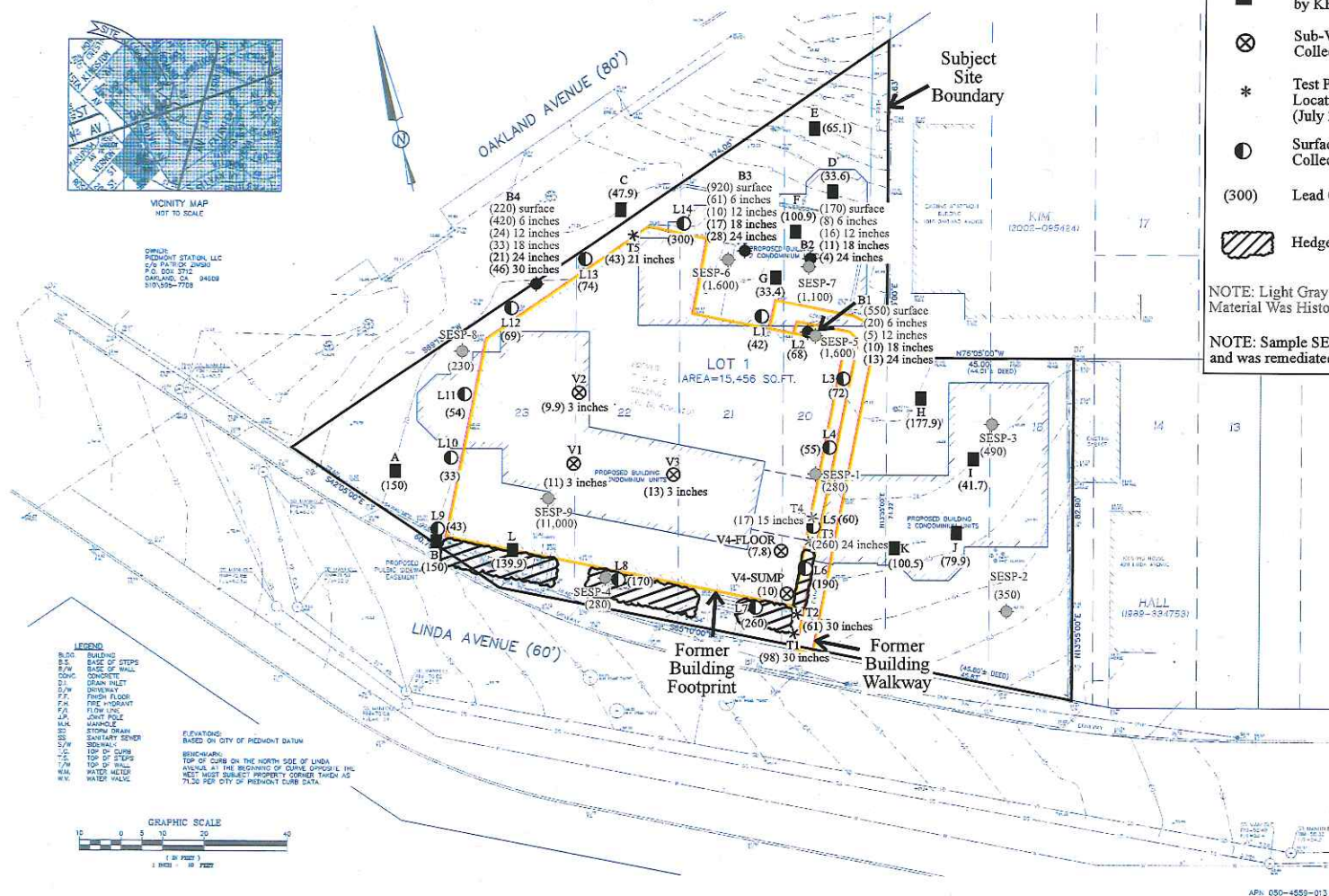
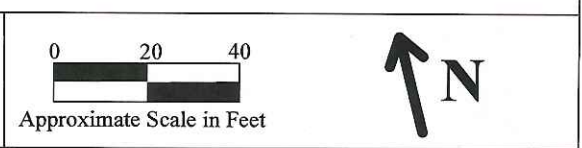


Figure 1
 Site Plan Showing Historical Residual Lead Soil Concentrations
 408 Linda Avenue
 Piedmont, California

Base Map from:
 Moran Engineering, Vesting Map, dated July 2011;

P&D Environmental, Inc.
 55 Santa Clara Ave., Suite 240
 Oakland, CA 94610



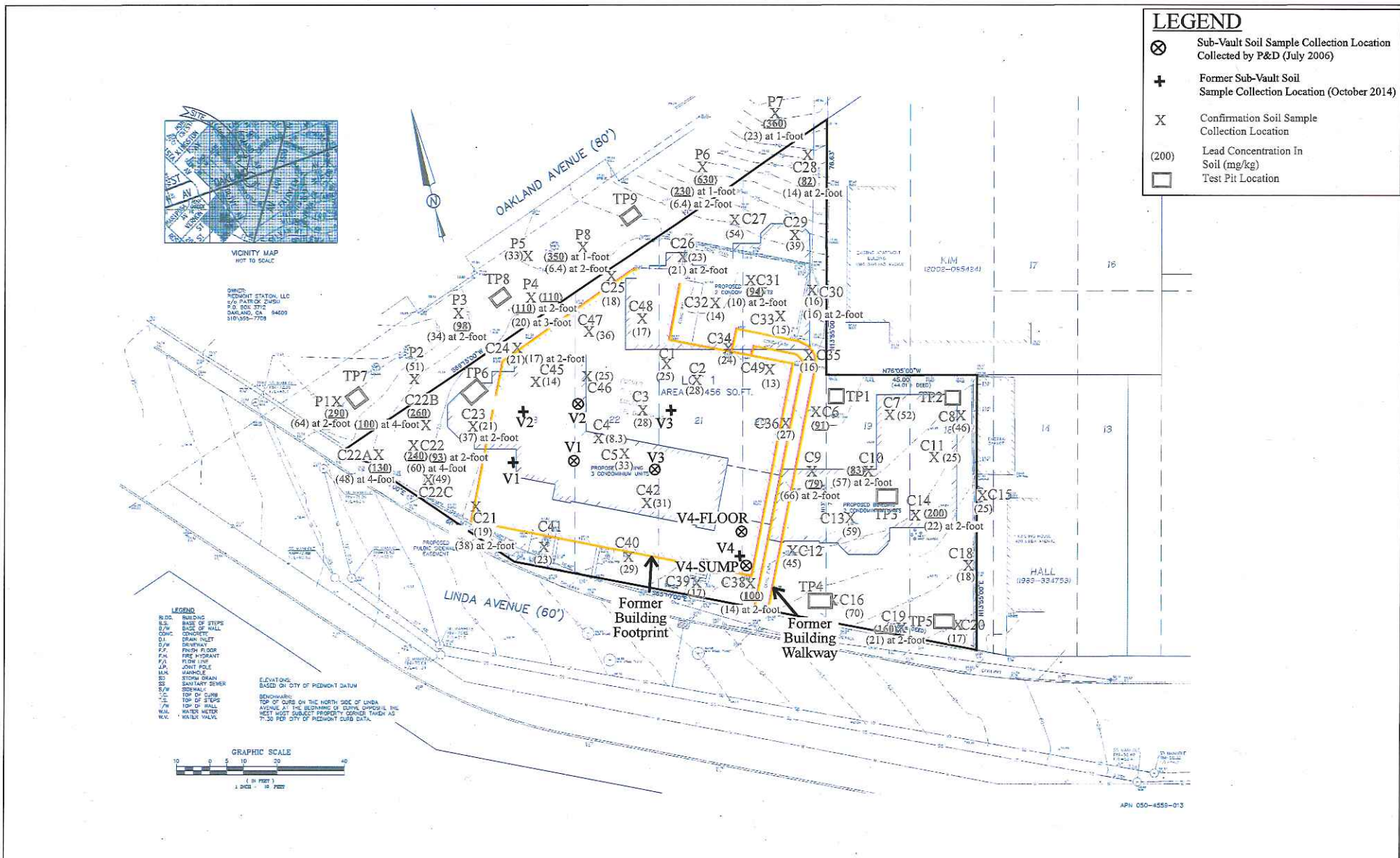


Figure 2
 Site Plan Showing V-Series Soil Sample Collection Locations
 408 Linda Avenue
 Piedmont, California

Base Map from:
 Moran Engineering, Vesting Map, dated July 2011;

P&D Environmental, Inc.
 55 Santa Clara Ave., Suite 240
 Oakland, CA 94610

0 20 40
 Approximate Scale in Feet



LEGEND	
+	Former Vault Soil Sample Collection Location
X	Confirmation Soil Sample Collection Location
(200)	Lead Concentration In Soil (mg/kg)

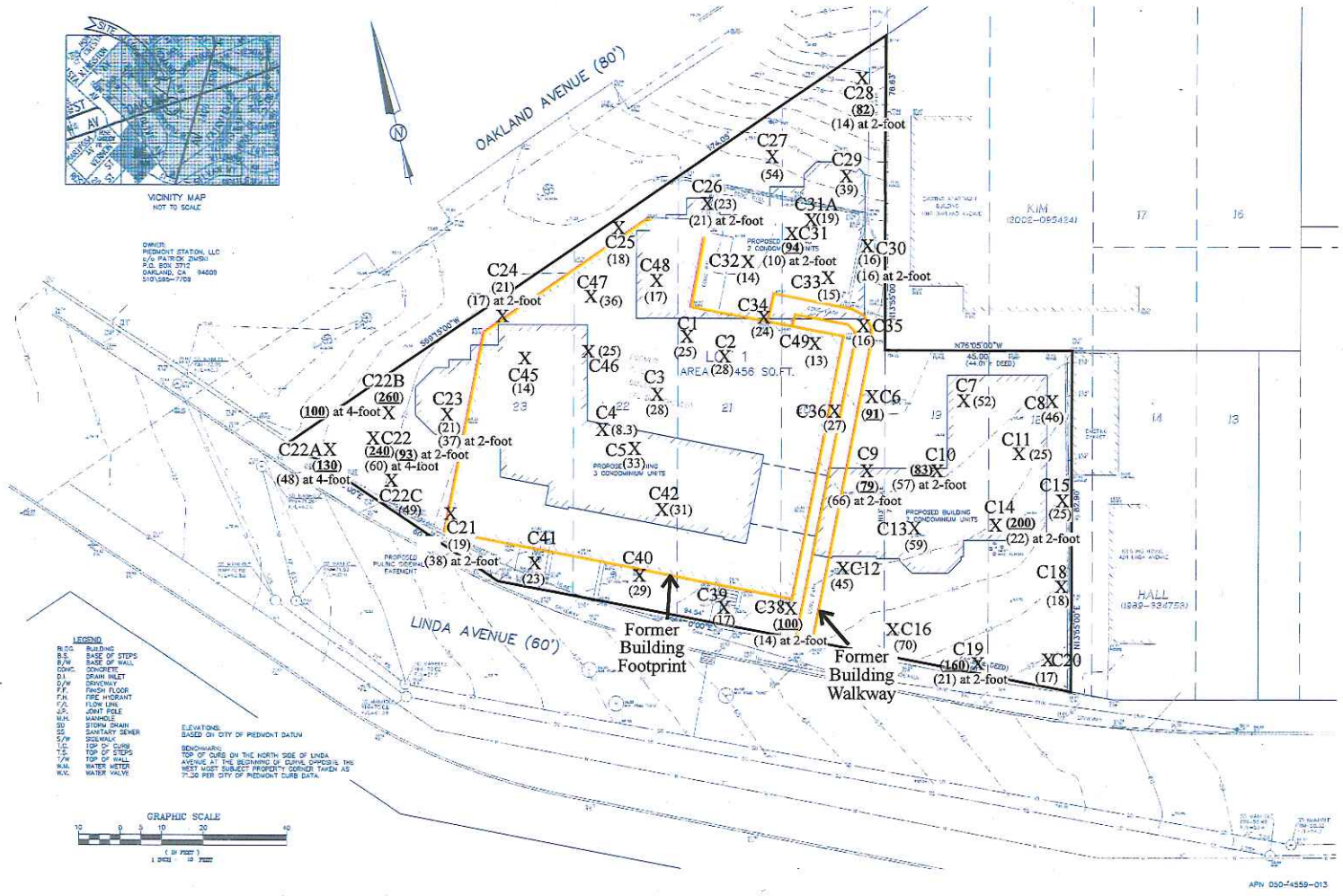
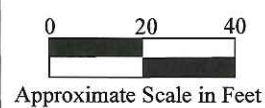


Figure 3
Site Plan Showing C-Series Soil Sample Collection Locations
408 Linda Avenue
Piedmont, California

Base Map from:
 Moran Engineering, Vesting Map, dated July 2011;

P&D Environmental, Inc.
 55 Santa Clara Ave., Suite 240
 Oakland, CA 94610



LEGEND

- X Confirmation Soil Sample Collection Location
- (200) Lead Concentration In Soil (mg/kg)

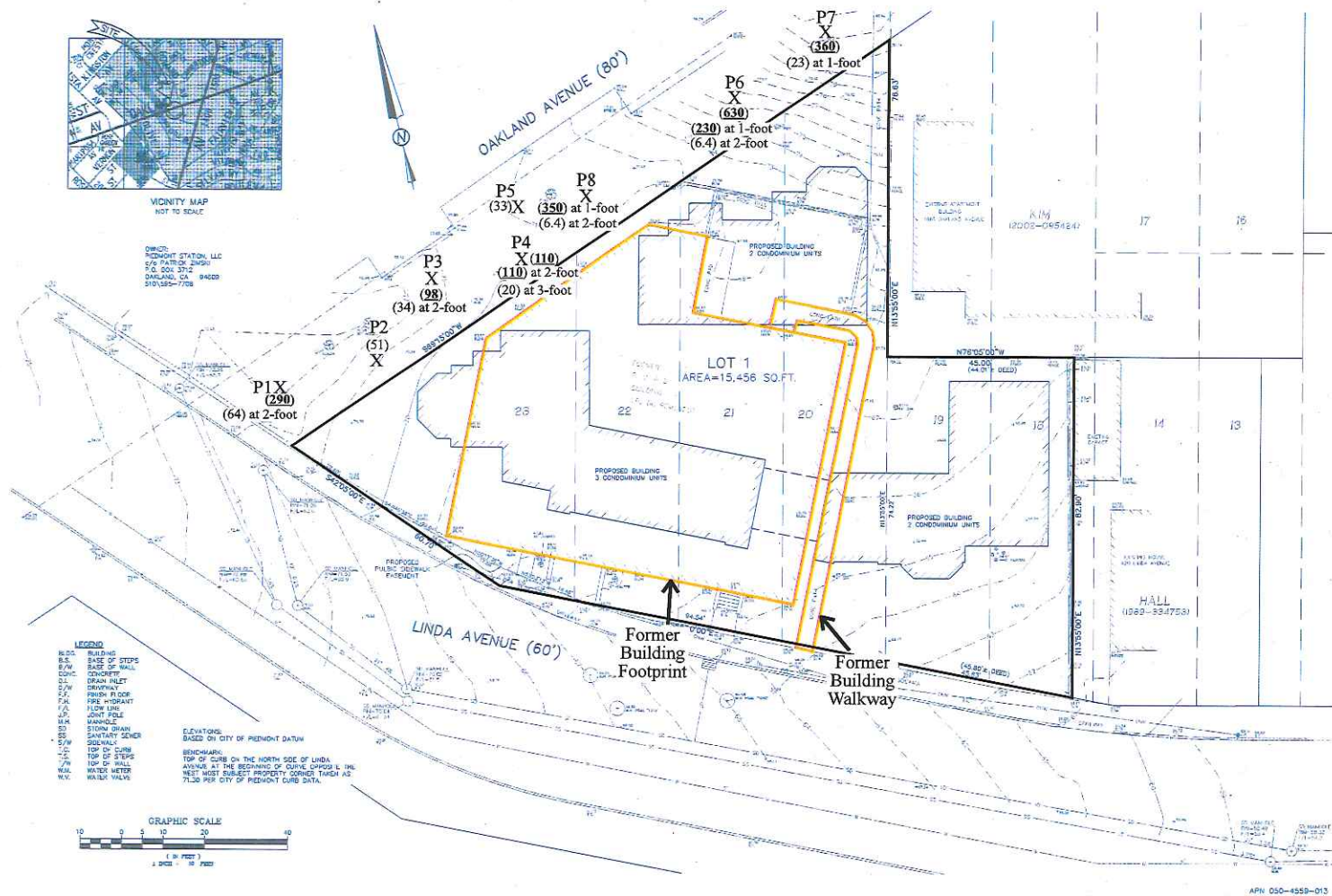


Figure 4
 Site Plan Showing P-Series Soil Sample Collection Locations
 408 Linda Avenue
 Piedmont, California

Base Map from:
 Moran Engineering, Vesting Map, dated July 2011;

P&D Environmental, Inc.
 55 Santa Clara Ave., Suite 240
 Oakland, CA 94610

0 20 40
 Approximate Scale in Feet



LEGEND

□ Former Vault Soil Sample Collection Location

Depth (Feet)	Lead (mg/kg)	Depth of Sample (Feet) and Lead Concentration In Soil (mg/kg)
0.0	210	
1.0	270	
2.0	23	
4.0	11	

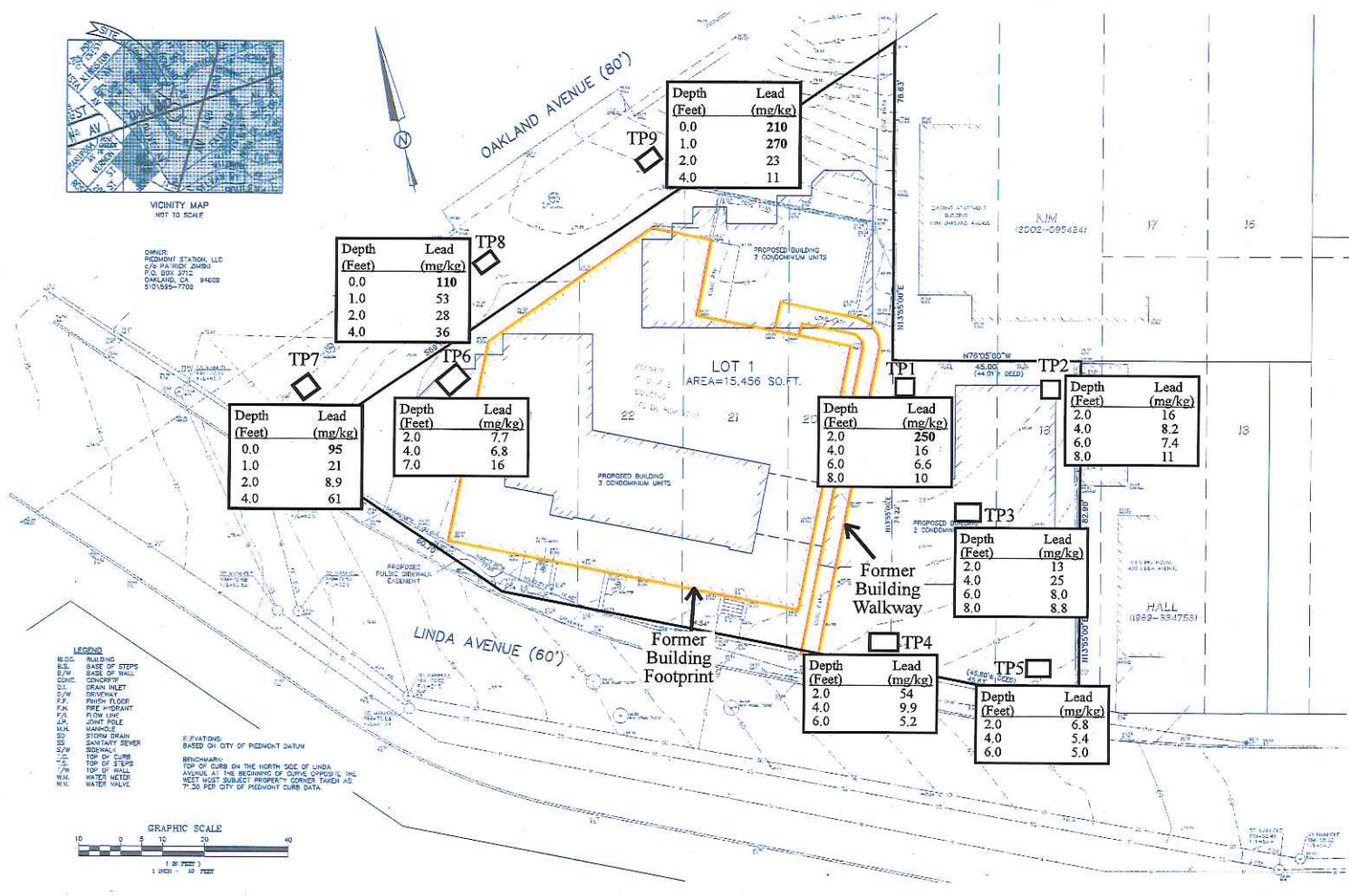
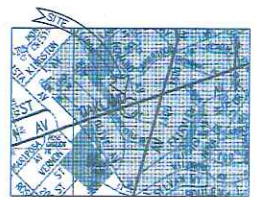
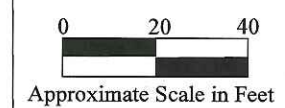


Figure 5
Site Plan Showing TP-Series Soil Sample Collection Locations
408 Linda Avenue
Piedmont, California

Base Map from:
Moran Engineering, Vesting Map, dated July 2011;

P&D Environmental, Inc.
55 Santa Clara Ave., Suite 240
Oakland, CA 94610



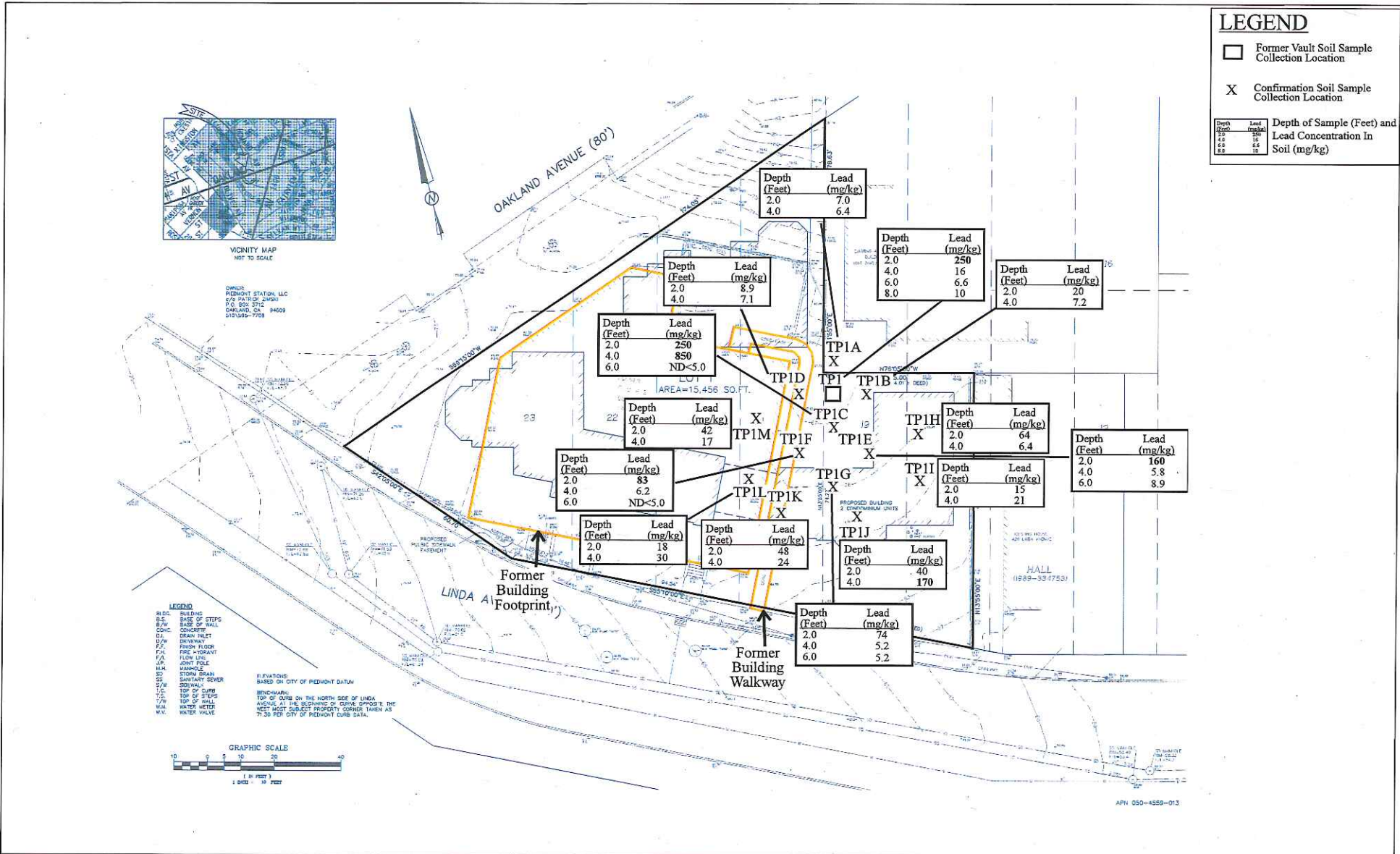
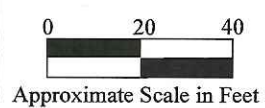


Figure 6
 Site Plan Showing TP1 Over-Excavation Soil Sample Collection Locations
 408 Linda Avenue
 Piedmont, California

Base Map from:
 Moran Engineering, Vesting Map, dated July 2011;

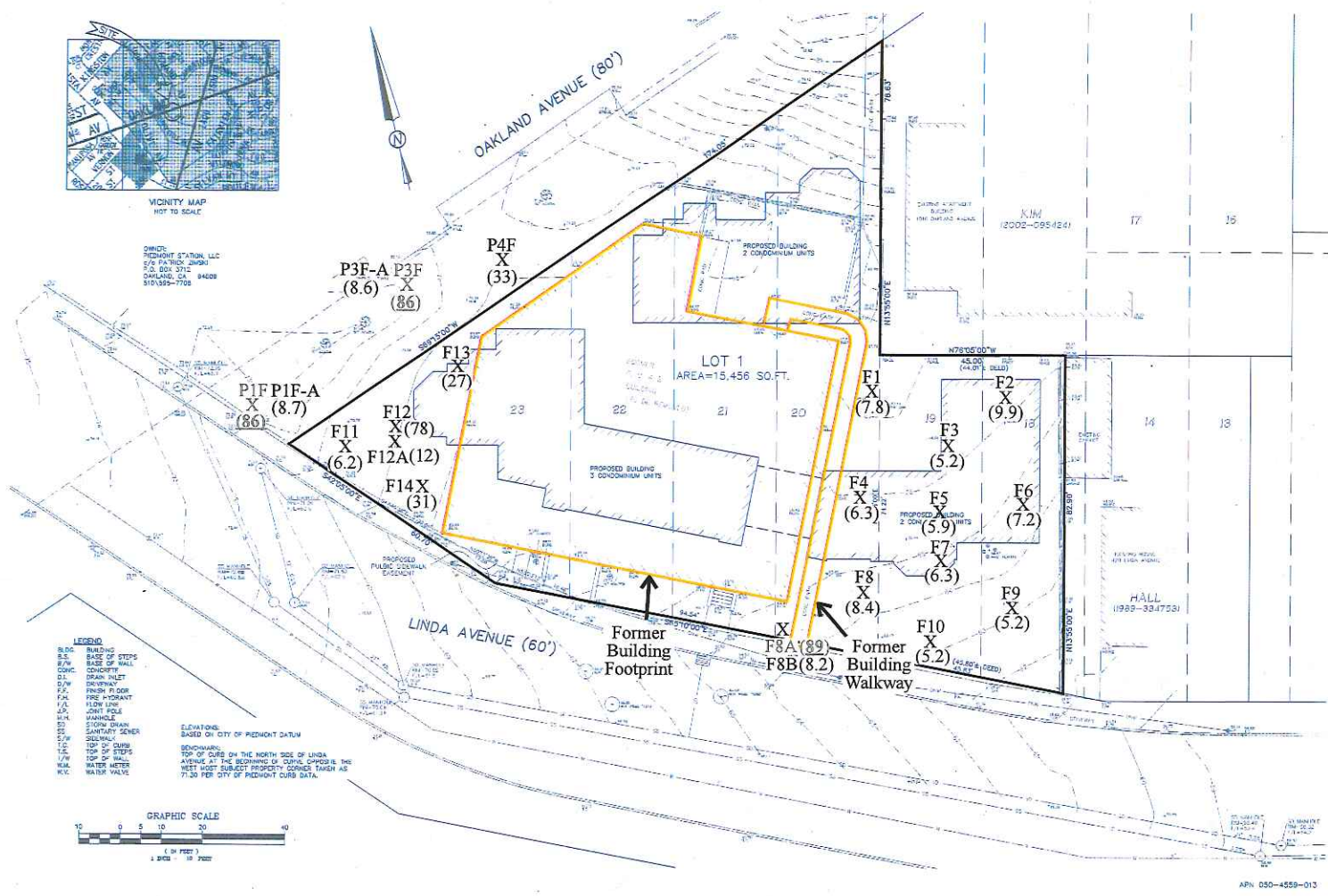
P&D Environmental, Inc.
 55 Santa Clara Ave., Suite 240
 Oakland, CA 94610



LEGEND

X Confirmation Soil Sample Collection Location

(200) Lead Concentration In Soil (mg/kg)



LEGEND

B.D.C. BUILDING
 B.S. BASE OF STEPS
 B.W. BASE OF WALL
 C.D.C. CURB CUT
 D.I. DRAIN INLET
 D.W. DOWNSPOUT
 F.F. FINISH FLOOR
 F.H. FIRE HYDRANT
 F.L. FLOW LINE
 J.S. JOINT SEAL
 M.H. MANHOLE
 S.D. SLOW DRAIN
 S.S. SANITARY SINKER
 S.W. SEWER

ELEVATIONS
 BASED ON CITY OF PIEDMONT DATUM

BENCHMARK:
 TOP OF CURB ON THE NORTH SIDE OF LINDA AVENUE AT THE BEGINNING OF CURB, OPPOSITE THE WEST MOST SUBJECT PROPERTY CORNER, TAKEN AS 71.30 PER CITY OF PIEDMONT CURB DATA.

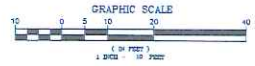
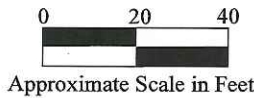


Figure 7
 Site Plan Showing Final F-Series and PF-Series Soil Sample Collection Locations
 408 Linda Avenue
 Piedmont, California

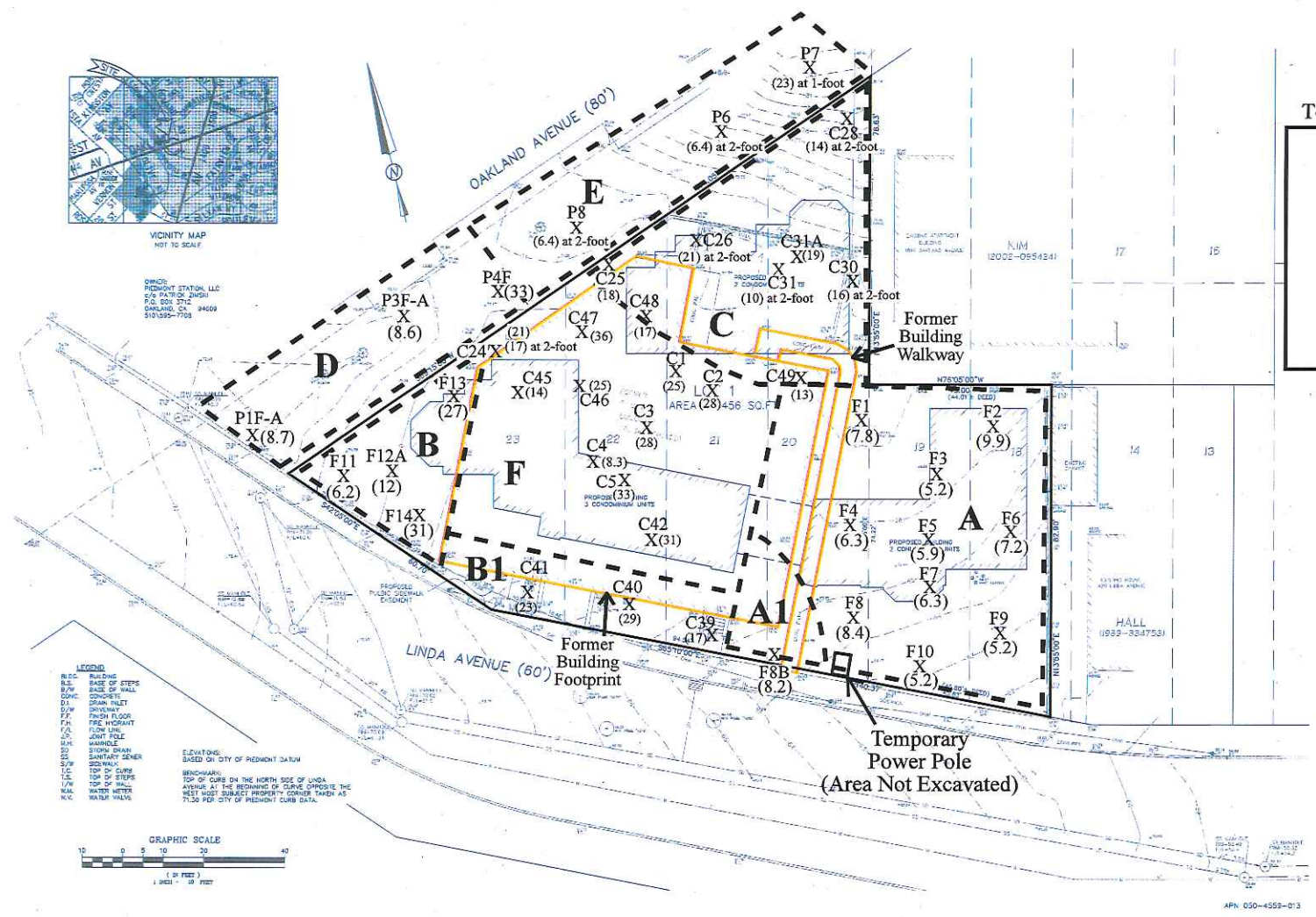
Base Map from:
 Moran Engineering, Vesting Map, dated July 2011;

P&D Environmental, Inc.
 55 Santa Clara Ave., Suite 240
 Oakland, CA 94610



LEGEND	
X	Confirmation Soil Sample Collection Location
(200)	Lead Concentration In Soil (mg/kg)

Total Depth of Excavation	
Area	Depth in (Feet)
A	4 to 5
A1	5
B	5 to 6
B1	1 to 2
C	2
D	5
E	2
F	1 to 2



LEGEND

R/C - BUILDING
 B.S. - BASE OF STEPS
 B/W - BASE OF WALL
 C/DC - CONCRETE
 D/S - DRAIN SINK
 D/W - DRAIN W/OUT
 F/L - FRESH FLOOR
 F/H - FRESH HYDRANT
 F/L - FRESH LIGHT
 J/S - JOINT STRIP
 M/H - MANHOLE
 S/S - SLOW DOWN
 S/S - SANITARY SINKER
 S/W - SCUMMING
 L/C - TOP OF CURB
 T/S - TOP OF STAIR
 T/W - TOP OF WALL
 W/M - WATER METER
 W/V - WATER VALVE

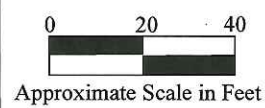
ELEVATIONS BASED ON CITY OF PIEDMONT DATUM

BENCHMARK: TOP OF CURB ON THE NORTH SIDE OF LINDA AVENUE AT THE BEGINNING OF CURVE OPPOSITE THE WEST MOST SUBMIT PROPERTY CORNER TAKEN AS 71.30 PER CITY OF PIEDMONT CURB DATA.

Figure 8
 Site Plan Showing Areas and Depths of Excavation
 408 Linda Avenue
 Piedmont, California

Base Map from:
 Moran Engineering, Vesting Map, dated July 2011;

P&D Environmental, Inc.
 55 Santa Clara Ave., Suite 240
 Oakland, CA 94610



ATTACHMENT 4

Table 1. Soil Analytical Results - Vault Investigation - Piedmont Station, LLC - Piedmont, California					
Sample ID	Sample Date	TPH-MO	Total PCBs	TTLc Lead	VOCs (8260B)
				mg/kg	
V1-0.25	7/6/2006	ND<5.0	ND<0.025	11	All Analytes ND
V2-0.25	7/6/2006	ND<5.0	ND<0.025	9.9	All Analytes ND
V3-0.25	7/6/2006	ND<5.0	ND<0.025	13	All Analytes ND
V4-Sump	7/6/2006	ND<5.0	ND<0.025	10	All Analytes ND
V4-Floor	7/6/2006	ND<5.0	ND<0.025	7.8	All Analytes ND

Abbreviations and Notes:
 TPH-MO = Total Petroleum Hydrocarbons as Motor Oil
 PCB = Polychlorinated Biphenyls
 TTLc = Total Threshold Limit Concentration
 mg/kg = Milligrams per kilogram
 ND = Not Detected
 Results are in milligrams per kilogram (mg/kg) unless otherwise indicated.

Table 2. Soil Analytical Results - Test Pit and Trench Investigation - Piedmont Station, LLC - Piedmont, California						
Sample ID	Sample Date	Depth (feet)	TPH-MO	Total PCBs	TTLIC Lead	VOCs (8260B)
			←----- mg/kg -----→			
T1-2.5	7/6/2006	2.5	ND<5.0	ND<0.025	98	All Analytes ND
T2-2.5	7/6/2006	2.5	ND<5.0	ND<0.025	61	All Analytes ND
T3-2.0	7/7/2006	2	5,500(a)	0.27(b)	260	All Analytes ND
T4-1.25	7/7/2007	1.25	ND<5.0	ND<0.025	17	All Analytes ND
T5-1.75	7/7/2006	1.75	6.8	ND<0.025	43	NA

Abbreviations and Notes:
 TPH-MO = Total Petroleum Hydrocarbons as Motor Oil
 PCB = Polychlorinated Biphenyls
 TTLIC = Total Threshold Limit Concentration
 VOCs = Volatile Organic Compounds by EPA Method 8260B
 mg/kg = Milligrams per kilogram
 a = Significant oil and diesel range compounds
 b = Aroclor 1260
 ND = Not Detected
 NA = Not Analyzed
 Results are in milligrams per kilogram (mg/kg) unless otherwise indicated.

Table 3. Soil Analytical Results - Boreholes - Piedmont Station, LLC - Piedmont, California						
Sample ID	Sample Date	Depth (feet)	TPH-MO	Total PCBs	TTLIC Lead mg/kg	VOCs (8260B)
T3-3.5	8/11/2006	3.5	150	ND<0.025	NA	NA
T3-5.5	8/11/2006	5.5	230	ND<0.025	NA	NA
B8-4.5	9/6/2006	4.5	NA	NA	NA	All Analytes ND

Abbreviations and Notes:
 TPH-MO = Total Petroleum Hydrocarbons as Motor Oil
 PCB = Polychlorinated Biphenyls
 TTLIC = Total Threshold Limit Concentration
 VOCs = Volatile Organic Compounds by EPA Method 8260B
 mg/kg = Milligrams per kilogram
 ND = Not Detected
 NA = Not Analyzed
 Results are in milligrams per kilogram (mg/kg) unless otherwise indicated.

Table 1
Summary of Vault Soil Sample Laboratory Analytical Results

Sample ID	Sample Collection Date	Sample Collection Depth (ft bgs)	TPH-MO	PCBs by EPA Method 8082	Other VOCs by EPA Method 8260B	Asbestos by CARB435
V1-11.0	10/31/2014	11.0	ND<5.0	All ND<0.050	All ND	ND
V2-11.0	10/31/2014	11.0	ND<5.0	All ND<0.050	All ND	ND
V3-13.0	10/31/2014	13.0	ND<5.0	All ND<0.050	All ND	ND
V4-8.0	10/31/2014	8.0	ND<5.0	All ND<0.050	All ND	ND
ESL ¹			100	0.22	Various	None
ESL ²			500	0.22	Various	None
NOTES:						
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.						
PCBs = Polychlorinated Biphenyls.						
VOCs = Volatile Organic Compounds.						
ft bgs = feet below ground surface.						
ND = Not Detected.						
ESL ¹ = Environmental Screening Level, by San Francisco Bay – Regional Water Quality Control Board, updated December 2013, from Table A-1 – Shallow Soil Screening Levels, groundwater is a current or potential drinking water resource. Residential Land Use.						
ESL ² = Environmental Screening Level, by San Francisco Bay – Regional Water Quality Control Board, updated December 2013, from Table C-1 – Deep Soil Screening Levels, groundwater is a current or potential drinking water resource. Residential Land Use.						
Results and ESL values reported in milligrams per kilogram (mg/kg), unless otherwise indicated.						

Summary of C-Series Confirmation Soil Sample Laboratory Analytical Results

Sample ID	Sample Collection Date	Sample Depth (Feet)	Total Lead
C1	11/7/2014	2.0	25
C2	11/7/2014	2.0	28
C3	11/7/2014	2.0	28
C4	11/7/2014	2.0	8.3
C5	11/7/2014	2.0	33
C6	11/10/2014	1.0	91
C7	11/10/2014	1.0	52
C8	11/10/2014	1.0	46
C9	11/10/2014	1.0	79
C9-2.0	1/20/2015	3.0	66
C10	11/10/2014	1.0	83
C10-2.0	1/20/2015	3.0	57
C11	11/10/2014	1.0	25
C12	11/10/2014	1.0	45
C13	11/10/2014	1.0	59
C14	11/10/2014	1.0	200
C14-2.0	1/20/2015	3.0	22
C15	11/10/2014	1.0	25
C16	11/10/2014	1.0	70
C17	No Sample Collected.		
C18	11/10/2014	1.0	18

Summary of C-Series Confirmation Soil Sample Laboratory Analytical Results

Sample ID	Sample Collection Date	Sample Depth (Feet)	Total Lead
C19	11/10/2014	1.0	160
C19-2.0	1/20/2015	3.0	21
C20	11/10/2014	1.0	17
C21	11/12/2014	1.0	19
C21-2.0	11/11/2014	2.0	38
C22	11/12/2014	1.0	240
C22-2.0	11/11/2014	2.0	93
C22-4.0	1/16/2015	4.0	60
C22A	11/17/2014	3.0	130
C22A-4.0	1/26/2015	4.0	48
C22B	11/17/2014	3.0	260
C22B-4.0	1/26/2015	4.0	100
C22C	11/17/2014	3.0	49
C23	11/12/2014	1.0	21
C23-2.0	11/11/2014	2.0	37
C24	11/12/2014	1.0	21
C24-2.0	11/11/2014	2.0	17
C25	11/11/2014	1.0	18
C26	11/12/2014	1.0	23
C26-2.0	11/11/2014	2.0	21
C27	11/11/2014	1.0	54
C28	11/11/2014	1.0	82

Summary of C-Series Confirmation Soil Sample Laboratory Analytical Results

Sample ID	Sample Collection Date	Sample Depth (Feet)	Total Lead
C28-2.0	1/20/2015	2.0	14
C29	11/11/2014	1.0	39
C30	11/12/2014	1.0	16
C30-2.0	11/11/2014	2.0	16
C31	11/12/2014	1.0	94
C31-2.0	11/11/2014	2.0	10
C31A	11/20/2014	2.0	19
C32	11/11/2014	1.0	14
C33	11/11/2014	1.0	15
C34	11/12/2014	1.0	24
C35	11/12/2014	1.0	16
C36	11/11/2014	1.0	27
C37	No Sample Collected.		
C38	11/11/2014	1.0	100
C38-2.0	1/20/2015	3.0	14
C39	11/12/2014	1.0	17
C40	11/12/2014	1.0	29
C41	11/12/2014	1.0	23
C42	11/14/2014	Surface	31
C43	No Sample Collected.		
C44	No Sample Collected.		
C45	11/14/2014	Surface	14
C46	11/14/2014	Surface	25

Summary of C-Series Confirmation Soil Sample Laboratory Analytical Results

Sample ID	Sample Collection Date	Sample Depth (Feet)	Total Lead
C47	11/14/2014	Surface	36
C48	11/14/2014	Surface	17
C49	11/14/2014	Surface	13
ESL ¹			80
NOTES:			
ND = Not Detected.			
<i>ESL</i> = Environmental Screening Level, by San Francisco Bay –			
Regional Water Quality Control Board, updated December 2013,			
from Table A-1 – Shallow Soil Screening Levels, groundwater is a			
current or potential drinking water resource. Residential Land Use.			
Results in bold exceed their respective ESL value.			
Results and ESL values reported in milligrams per kilogram (mg/kg),			
unless otherwise indicated.			

Table 2B

Summary of P-Series Confirmation Soil Sample Laboratory Analytical Results

Sample ID	Sample Collection Date	Sample Depth (Feet)	Total Lead
P1	11/17/2014	Surface	290
P1-2.0	1/16/2015	2.0	64
P2	11/17/2014	Surface	51
P3	11/17/2014	Surface	98
P3-2.0	1/16/2015	2.0	34
P4	11/17/2014	Surface	110
P4-2.0	1/16/2015	2.0	110
P4-3.0	1/22/2015	3.0	20
P5	11/17/2014	Surface	33
P6	1/7/2015	Surface	630
P6	1/14/2015	1.0	230
P6-2.0	1/16/2015	2.0	6.4
P7	1/7/2015	Surface	360
P7	1/14/2015	1.0	23
P8	1/14/2015	1.0	350
P8-2.0	1/16/2015	2.0	6.4
ESL ¹			80
NOTES:			
ND = Not Detected.			
ESL = Environmental Screening Level, by San Francisco Bay – Regional Water Quality Control Board, updated December 2013, from Table A-1 – Shallow Soil Screening Levels, groundwater is a current or potential drinking water resource. Residential Land Use.			
Results in bold exceed their respective ESL value.			
Results and ESL values reported in milligrams per kilogram (mg/kg), unless otherwise indicated.			

Table 2C

Summary of F-Series Confirmation Soil Sample Laboratory Analytical Results

Sample ID	Sample Collection Date	Sample Depth (Feet)	Total Lead
F1	1/30/2015	5.0	7.8
F2	1/30/2015	5.0	9.9
F3	1/30/2015	5.0	5.2
F4	1/30/2015	5.0	6.3
F5	1/30/2015	5.0	5.9
F6	1/30/2015	5.0	7.2
F7	1/30/2015	5.0	6.3
F8	1/30/2015	5.0	8.4
F8-A	2/4/2015	4.0	89
F8-B	2/5/2015	5.0	8.2
F9	1/30/2015	5.0	5.2
F10	1/30/2015	4.0	5.2
F11	1/30/2015	5.0	6.2
F12	1/30/2015	5.0	78
F12-A	2/4/2015	6.0	12
F13	1/30/2015	5.0	27
F14	1/30/2015	5.0	31
ESL ¹			80
NOTES:			
ND = Not Detected.			
ESL = Environmental Screening Level, by San Francisco Bay – Regional Water Quality Control Board, updated December 2013, from Table A-1 – Shallow Soil Screening Levels, groundwater is a current or potential drinking water resource. Residential Land Use.			
Gray font indicates material was removed by excavation.			
Results in bold exceed their respective ESL value.			
Results and ESL values reported in milligrams per kilogram (mg/kg), unless otherwise indicated.			

Summary of PF-Series Confirmation Soil Sample Laboratory Analytical Results

Sample ID	Sample Collection Date	Sample Depth (Feet)	Total Lead
P1F	1/30/2015	3.0	86
P1F-A	2/3/2015	5.0	8.7
P3F	1/30/2015	3.0	86
P3F-A	2/3/2015	5.0	8.6
P4F	1/30/2015	3.0	33
ESL ¹			80
NOTES:			
ND = Not Detected.			
ESL = Environmental Screening Level, by San Francisco Bay – Regional Water Quality Control Board, updated December 2013, from Table A-1 – Shallow Soil Screening Levels, groundwater is a current or potential drinking water resource. Residential Land Use.			
Gray font indicates material was removed by excavation.			
Results in bold exceed their respective ESL value.			
Results and ESL values reported in milligrams per kilogram (mg/kg), unless otherwise indicated.			

Table 3
Summary of Test Pit Soil Sample Laboratory Analytical Results

Sample ID	Sample Collection Date	Total Lead
TP1-2.0	11/19/2014	250
TP1-4.0	11/19/2014	16
TP1-6.0	11/19/2014	6.6
TP1-8.0	11/19/2014	10
TP1A-2.0	1/20/2015	7.0
TP1A-4.0	1/20/2015	6.4
TP1B-2.0	1/20/2015	20
TP1B-4.0	1/20/2015	7.2
TP1C-2.0	1/20/2015	250
TP1C-4.0	1/20/2015	850
TP1C-6.0	1/22/2015	ND<5.0
TP1D-2.0	1/20/2015	8.9
TP1D-4.0	1/20/2015	7.1
TP1E-2.0	1/22/2015	160
TP1E-4.0	1/22/2015	5.8
TP1E-6.0	1/22/2015	8.9
TP1F-2.0	1/22/2015	83
TP1F-4.0	1/22/2015	6.2
TP1F-6.0	1/22/2015	ND<5.0
TP1G-2.0	1/22/2015	74
TP1G-4.0	1/22/2015	5.2
TP1G-6.0	1/22/2015	5.2
TP1H-2.0	1/26/2015	64
TP1H-4.0	1/26/2015	6.4
TP1I-2.0	1/26/2015	15
TP1I-4.0	1/26/2015	21
TP1J-2.0	1/26/2015	40
TP1J-4.0	1/26/2015	170
TP1K-2.0	1/26/2015	48
TP1K-4.0	1/26/2015	24
TP1L-2.0	1/26/2015	18
TP1L-4.0	1/26/2015	30
TP1M-2.0	1/26/2015	42
TP1M-4.0	1/26/2015	17
TP2-2.0	11/19/2014	16
TP2-4.0	11/19/2014	8.2
TP2-6.0	11/19/2014	7.4
TP2-8.0	11/19/2014	11
TP3-2.0	11/19/2014	13
TP3-4.0	11/19/2014	25
TP3-6.0	11/19/2014	8.0
TP3-8.0	11/19/2014	8.8

Table 3
Summary of Test Pit Soil Sample Laboratory Analytical Results

Sample ID	Sample Collection Date	Total Lead
TP4-2.0	11/19/2014	54
TP4-4.0	11/19/2014	9.9
TP4-6.0	11/19/2014	5.2
TP5-2.0	11/19/2014	6.8
TP5-4.0	11/19/2014	5.4
TP5-6.0	11/19/2014	5.0
TP6-2.0	11/19/2014	7.7
TP6-4.0	11/19/2014	6.8
TP6-7.0	11/19/2014	16
TP7-SURFACE	1/7/2015	95
TP7-1.0	1/9/2015	21
TP7-2.0	1/7/2015	8.9
TP7-4.0	1/7/2015	61
TP8-SURFACE	1/7/2015	110
TP8-1.0	1/9/2015	53
TP8-2.0	1/7/2015	28
TP8-4.0	1/7/2015	36
TP9-SURFACE	1/7/2015	210
TP9-1.0	1/9/2015	270
TP9-2.0	1/7/2015	23
TP9-4.0	1/7/2015	11
COMP B*	11/21/2014	13
ESL ¹		80
NOTES:		
ND = Not Detected.		
* = Additionally, TPH-G was ND, TPH-Diesel and TPH-Motor Oil were detected at concentrations of 1.2 and 9.7 milligrams per kilogram (mg/kg), respectively, VOCs by EPA Method 8260B, SVOCs by EPA Method 8270C, Organochlorine Pesticides by EPA Method 8081, and PCBs by EPA Method 8082 were all ND except for 0.0010 mg/kg DDD by EPA Method 8081. Additionally, CAM 17 analysis for metals detected Arsenic, Barium, Chromium, Cobalt, Copper, Mercury, Nickel, Vanadium, and Zinc at concentrations of 3.3, 140, 65, 16, 29, 13, 0.052, 54, 60, and 50 mg/kg, respectively.		
ESL = Environmental Screening Level, by San Francisco Bay – Regional Water Quality Control Board, updated December 2013, from Table A-1 – Shallow Soil Screening Levels, groundwater is a current or potential drinking water resource. Residential Land Use.		
Results in bold exceed their respective ESL value.		
Results and ESL values reported in milligrams per kilogram (mg/kg), unless otherwise indicated.		

Summary of Stockpile Soil Sample Laboratory Analytical Results

Sample ID	Sample Collection Date	Total Lead	STLC Lead mg/L
S1	11/7/2014	24	NA
S2	11/10/2014	47	2.8
S3	11/10/2014	50	4.1
S4	11/14/2014	30	NA
S5	11/14/2014	170	NA
COMP A *	11/14/2014	88	0.22
S6 COMP	1/12/2015	77	3.6
S7 COMP	1/22/2015	17	NA
		10X STLC	STLC
		50	5.0
NOTES:			
ND = Not Detected.			
NA = Not analyzed.			
STLC = Soluble Threshold Limit Concentration.			
10X STLC = From California Code of Regulations Title 22 for Waste Extraction Test (WET) determination.			
Total lead results and 10X STLC values reported in milligrams per kilogram (mg/kg), unless otherwise indicated.			
STLC results in milligrams per Liter (mg/L).			
* = Additionally, TPH-G was ND, TPH-Diesel and TPH-Motor Oil were detected at concentrations of 18 and 66 milligrams per kilogram (mg/kg), respectively, VOCs by EPA Method 8260B, SVOCs by EPA Method 8270C, Organochlorine Pesticides by EPA Method 8081, and PCBs by EPA Method 8082 were all ND except for 0.14 mg/kg Chlordane (Technical), 0.018 mg/kg a-Chlordane, 0.012 mg/kg g-Chlordane, 0.0052 mg/kg DDD, 0.014 mg/kg DDE, 0.021 mg/kg DDT, and 0.0093 mg/kg Dieldrin all by EPA Method 8081. Additionally, CAM 17 analysis for metals detected Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Mercury, Molybdenum, Nickel, Vanadium, and Zinc at concentrations of 1.0, 9.2, 240, 0.74, 0.39, 71, 13, 48, 0.26, 0.67, 78, 68, and 160 mg/kg, respectively.			



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P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0361; Piedmont Station, LLC	Date Sampled: 07/06/06
	Client Contact: Paul King	Date Received: 07/10/06
	Client P.O.:	Date Extracted: 07/20/06
		Date Analyzed: 07/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0607107

Lab ID	0607107-001A						
Client ID	V1-0.25						
Matrix	Soil						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	96	%SS2:	103
%SS3:	103		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



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P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0361; Piedmont Station, LLC	Date Sampled: 07/06/06
	Client Contact: Paul King	Date Received: 07/10/06
	Client P.O.:	Date Extracted: 07/20/06
		Date Analyzed: 07/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0607107

Lab ID	0607107-002A
Client ID	V2-0.25
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	96	%SS2:	104
%SS3:	100		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



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P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0361; Piedmont Station, LLC	Date Sampled: 07/06/06
	Client Contact: Paul King	Date Received: 07/10/06
	Client P.O.:	Date Extracted: 07/20/06
		Date Analyzed: 07/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0607107

Lab ID	0607107-003A
Client ID	V3-0.25
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	89	%SS2:	104
%SS3:	102		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



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Telephone: 877-252-9262 Fax: 925-252-9269

P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0361; Piedmont Station, LLC	Date Sampled: 07/06/06
	Client Contact: Paul King	Date Received: 07/10/06
	Client P.O.:	Date Extracted: 07/20/06
		Date Analyzed: 07/22/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0607107

Lab ID	0607107-004A
Client ID	V4-Sump
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	99	%SS2:	100
%SS3:	97		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



Table with client information: P & D Environmental, Client Project ID: #0361; Piedmont Station, LLC, Date Sampled: 07/06/06, Date Received: 07/10/06, Client Contact: Paul King, Date Extracted: 07/20/06, Oakland, CA 94610, Client P.O., Date Analyzed: 07/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0607107

Table with sample identification: Lab ID 0607107-005A, Client ID V4-Floor, Matrix Soil

Main data table with columns: Compound, Concentration *, DF, Reporting Limit, Compound, Concentration *, DF, Reporting Limit. Lists various organic compounds and their detection results.

Surrogate Recoveries (%)

Table showing surrogate recoveries: %SS1: 94, %SS2: 104, %SS3: 104

Comments: * water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe. ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.



Table with client information: P & D Environmental, Client Project ID: #0361; Piedmont Station, LLC, Date Sampled: 07/06/06, Date Received: 07/10/06, Client Contact: Paul King, Date Extracted: 07/20/06, Oakland, CA 94610, Client P.O., Date Analyzed: 07/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0607106

Table with Lab ID: 0607106-001A, Client ID: T1-2.5, Matrix: Soil

Main data table with columns: Compound, Concentration *, DF, Reporting Limit, Compound, Concentration *, DF, Reporting Limit. Lists various organic compounds and their detection results.

Surrogate Recoveries (%)

Table showing surrogate recoveries: %SS1: 97, %SS2: 104, %SS3: 106

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



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P & D Environmental

55 Santa Clara, Ste.240

Oakland, CA 94610

Client Project ID: #0361; Piedmont Station, LLC

Client Contact: Paul King

Client P.O.:

Date Sampled: 07/06/06

Date Received: 07/10/06

Date Extracted: 07/20/06

Date Analyzed: 07/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0607106

Lab ID
Client ID
Matrix

0607106-002A
T2-2.5
Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	101	%SS2:	104
%SS3:	106		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



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P & D Environmental
55 Santa Clara, Ste.240
Oakland, CA 94610

Client Project ID: #0361; Piedmont
Station, LLC
Client Contact: Paul King
Client P.O.:

Date Sampled: 07/07/06
Date Received: 07/10/06
Date Extracted: 07/20/06
Date Analyzed: 07/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0607106

Lab ID: 0607106-003A
Client ID: T3-2.0
Matrix: Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	99	%SS2:	103
%SS3:	106		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



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P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0361; Piedmont Station, LLC	Date Sampled: 07/07/06
	Client Contact: Paul King	Date Received: 07/10/06
	Client P.O.:	Date Extracted: 07/20/06
		Date Analyzed: 07/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0607106

Lab ID	0607106-004A
Client ID	T4-1.25
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,1,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	93	%SS2:	104
%SS3:	105		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

ATTACHMENT 5

Table 4. Grab Groundwater Analytical Results - Boreholes- Piedmont Station, LLC - Piedmont, California						
Sample ID	Sample Date	TPH-MO	Total PCBs	TTLIC Lead	Dissolved Lead	VOCs (8260B)
				←————— μg/L —————→		
B1-Water	7/7/2006	ND<250	ND<0.5	NA	ND<0.5	All Analytes ND, except for 0.65 Toluene
B2	No Water Entered the Borehole					
B2a	No Water Entered the Borehole					
B3-Water	6/30/2006	ND<250	ND<0.5	350*	ND<0.5	NA
B4-Water	6/30/2006	ND<250	ND<0.5	280*	ND<0.5	NA
T5-Water	8/15/2006	ND<250	NA	NA	NA	NA
T6-Water	8/15/2006	ND<250	NA	NA	NA	NA
T7-Water	8/15/2006	ND<250	NA	NA	NA	NA
B8	No Water Entered the Borehole					
B9-Water	9/18/2006	ND<250	NA	NA	NA	All Analytes ND
B10-Water	9/18/2006	ND<250	NA	NA	NA	All Analytes ND
T3-Water	9/18/2006	2400	ND<0.5	NA	NA	NA

Abbreviations and Notes:
 TPH-MO = Total Petroleum Hydrocarbons as Motor Oil
 PCBs = Polychlorinated Biphenyls
 TTLIC = Total Threshold Limit Concentration
 VOCs = Volatile Organic Compounds by EPA Method 8260B
 μg/L = Micrograms per liter
 ND = Not Detected
 * Sample result is for sample preserved with HCl prior to filtration (total lead). Unpreserved samples that were preserved after filtration were subsequently reanalyzed for dissolved lead.
 NA = Not Analyzed
 Results are in micrograms per liter (μg/L) unless otherwise indicated.



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P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0361; Piedmont Station, LLC	Date Sampled: 09/15/06-09/18/06
		Date Received: 09/20/06
	Client Contact: Ferdinand Oberle	Date Extracted: 09/24/06-09/25/06
	Client P.O.:	Date Analyzed: 09/24/06-09/25/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0609413

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	B9-Water	W	ND,i	1	95
002A	B10-Water	W	ND,i	1	102
003A	T3-Water	W	ND,i	1	98

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

 Angela Rydelius, Lab Manager



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P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0361; Piedmont Station, LLC	Date Sampled: 09/15/06-09/18/06
	Client Contact: Ferdinand Oberle	Date Received: 09/20/06
	Client P.O.:	Date Extracted: 09/20/06
		Date Analyzed 09/23/06-09/24/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method SW3510C

Analytical methods SW8015C

Work Order: 0609413

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0609413-001A	B9-Water	W	ND,i	ND	1	100
0609413-002A	B10-Water	W	ND,i	ND	1	102
0609413-003A	T3-Water	W	1400,g,b,i	2400	1	100

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil.



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P & D Environmental

55 Santa Clara, Ste.240

Oakland, CA 94610

Client Project ID: #0361; Piedmont Station, LLC

Client Contact: Ferdinand Oberle

Client P.O.:

Date Sampled: 09/18/06

Date Received: 09/20/06

Date Extracted: 09/21/06

Date Analyzed 09/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0609413

Lab ID	0609413-003B						
Client ID	T3-Water						
Matrix	Water						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,1,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	106	%SS2:	93
%SS3:	99		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm



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P & D Environmental
55 Santa Clara, Ste.240
Oakland, CA 94610

Client Project ID: #0361; Piedmont
Station, LLC

Client Contact: Paul King

Client P.O.:

Date Sampled: 07/07/06

Date Received: 07/10/06

Date Extracted: 07/21/06

Date Analyzed: 07/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0607108

Lab ID: 0607108-001E
Client ID: B1-Water
Matrix: Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,1,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	0.65	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	111	%SS2:	103
%SS3:	93		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



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P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0361; Piedmont Station, LLC	Date Sampled: 09/15/06
	Client Contact: Ferdinand Oberle	Date Received: 09/20/06
	Client P.O.:	Date Extracted: 09/21/06
		Date Analyzed: 09/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0609413

Lab ID	0609413-001B
Client ID	B9-Water
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	105	%SS2:	93
%SS3:	101		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm



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P & D Environmental

55 Santa Clara, Ste.240

Oakland, CA 94610

Client Project ID: #0361; Piedmont Station, LLC

Client Contact: Ferdinand Oberle

Client P.O.:

Date Sampled: 09/18/06

Date Received: 09/20/06

Date Extracted: 09/21/06

Date Analyzed 09/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0609413

Lab ID	0609413-002B
Client ID	B10-Water
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylene	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	104	%SS2:	93
%SS3:	99		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

Summary of Retention Pond Water Characterization

Sample ID	Sample Collection Date	VOC's by EPA Method E624	Metals by EPA Method E200.8
Pond 1	12/23/2014	All ND<0.50	Arsenic = ND<5.0, Cadmium = ND<2.5, Chromium = 12, Copper = 36, Lead = 63, Nickel = 24, Silver = ND<1.9, Zinc = ND<150
EBMUD			
Discharge Limits		Various	Arsenic = 2,000, Cadmium = 1,000, Chromium = 2,000, Copper = 5,000, Lead = 2,000, Nickel = 5,000, Silver = 1,000, Zinc = 5,000
NOTES:			
ND = Not Detected.			
EBMUD = East Bay Municipal Utility District.			
Results in micrograms per Liter (ug/L), unless otherwise indicated.			