

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

ALEX BRISCOE, Director



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

August 6, 2015

Herma Lichtenstein
City of Dublin
100 Civic Plaza
Dublin, CA 94568
(Sent via E-mail to Hermal@dublin.ca.gov)

Subject: Case Closure for Fuel Leak Case No. RO0003005 and GeoTracker Global ID T10000001168,
Associated Gasoline/City of Dublin, 11759 Dublin Boulevard, Dublin, CA 94568

Dear Herma Lichtenstein:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25296.10[g]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak 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.swrcb.ca.gov>) and the Alameda County Environmental Health website (<http://www.acgov.org/aceh/index.htm>).

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

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

Enclosures: 1. Remedial Action Completion Certification
2. Case Closure Summary

Responsible Parties
RO0003005
August 6, 2015
Page 2

Cc w/enc.:

Colleen Winey (QIC 8021), Zone 7 Water Agency, 100 North Canyons Pkwy, Livermore, CA 94551
(Sent via E-mail to: cwiney@zone7water.com)

Jeff Baker, City of Dublin, Planning Division, 100 Civic Plaza, Dublin, CA 94568
(Sent via E-mail to jeff.baker@dublin.ca.gov)

Jerry Wickham, ACEH (Sent via E-mail to: jerry.wickham@acgov.org)

GeoTracker, eFile



REMEDIAL ACTION COMPLETION CERTIFICATION

August 6, 2015

Herma Lichtenstein
City of Dublin
100 Civic Plaza
Dublin, CA 94568
(Sent via E-mail to Hermal@dublin.ca.gov)

Subject: Case Closure for Fuel Leak Case No. RO0003005 and GeoTracker Global ID T10000001168, Associated Gasoline/City of Dublin, 11759 Dublin Boulevard, Dublin, CA 94568

Dear Herma Lichtenstein:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Please be aware that claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

A handwritten signature in black ink that reads "Ronald Browder".

Ronald Browder
Acting Director
Department of Environmental Health

UST Case Closure Summary Form

Agency Information

Date: April 28, 2015

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Staff Person: Jerry Wickham	Title: Senior Hazardous Materials Specialist

Case Information

Facility Name: Associated Gasoline/City of Dublin		
Facility Address: 11759 Dublin Boulevard, Dublin, CA 94568		
RB LUSTIS Case No.: ----	Local Case No.: ----	LOP Case No.: RO0003005
URF Filing Date: 04/21/2009	GeoTracker Global ID: T10000001168	
APN: 941-1560-7-1	Current Land Use: City Park	
Responsible Party(s):	Address:	Phone:
Herma Lichtenstein City of Dublin	100 Civic Plaza Dublin, CA 94568	
Norman Alberts Berkeley Land Company, Inc.	1211 Newell Avenue, Suite 120 Walnut Creek, CA 94596	

Tank Information

Tank No.	Size (gal)	Contents	Closed in-Place/ Removed/Active	Date
1	550 gallons	Gasoline/Diesel	Removed	11/26/2008
2	920 gallons	Gasoline	Removed	11/26/2008
3	480 gallons	Unknown	Removed	11/26/2008
Concrete vault	1,220 gallons	Unknown	Destroyed in place	11/26/2008

Conceptual Site Model (Attachment 1, 2 pages)

Closure Criteria Met (Attachment 2, 2 pages)

LTCP Groundwater Specific Criteria (Attachment 3, 1 page)

LTCP Vapor Specific Criteria (Attachment 4, 1 page)

LTCP Direct Contact and Outdoor Air Exposure Criteria (Attachment 5, 1 page)

Optional Site Map(s) (Attachment 6, 2 pages)

Analytical Data (Attachment 7, 25 pages)

UST Case Closure Summary Form

Additional Information:

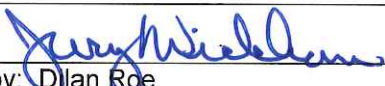

Site Management Requirements: This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Based on this evaluation, no site management requirements appear to be necessary. However, excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

RWQCB Notification

Notification Date:

RWQCB Staff Name: Cherie McCaulou	Title: Engineering Geologist
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Local Agency Representative

Prepared by: Jerry Wickham	Title: Senior Hazardous Materials Specialist
Signature: 	Date: 5/28/2015
Approved by: Dylan Roe	Title: LOP and SCP Program Manager
Signature: 	Date: 5/28/2015

This Case Closure Summary along with the Case Closure Transmittal letter and the Remedial Action Completion Certification 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. The Conceptual Site Model may not contain all available data. 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.

ATTACHMENT 1

CSM Report

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

ASSOCIATED GASOLINE / CITY OF DUBLIN (T10000001168) - [MAP THIS SITE](#)

OPEN - ELIGIBLE FOR CLOSURE

11759 DUBLIN BLVD
DUBLIN , CA 94568
ALAMEDA COUNTY

[ACTIVITIES REPORT](#)

[PUBLIC WEBPAGE](#)

[VIEW PRINTABLE CASE SUMMARY FOR THIS SITE](#)

CLEANUP OVERSIGHT AGENCIES

ALAMEDA COUNTY LOP (**LEAD**) - CASE #: RO0003005

CASEWORKER: [Jerry Wickham](#) - **SUPERVISOR:** DILAN ROE

SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: NA

CASEWORKER: [Cherie McCaulou](#) - **SUPERVISOR:** Cheryl L. Prowell

CR Site ID #: NOT SPECIFIED

THIS PROJECT WAS LAST MODIFIED BY [JERRY WICKHAM](#) ON 4/28/2015 10:35:42 AM - [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 SCUFIIS)

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
ASSOCIATED GASOLINE / CITY OF DUBLIN (Global ID: T10000001168) 11759 DUBLIN BLVD DUBLIN, CA 94568	Open - Eligible for Closure	4/28/2015	4/21/2009	6	ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0003005 CASEWORKER: Jerry Wickham - SUPERVISOR: DILAN ROE SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: NA CASEWORKER: Cherie McCaulou - SUPERVISOR: Cheryl L. Prowell

STAFF NOTES (INTERNAL)

<NO STAFF NOTES ENTERED>

SITE HISTORY

During conversion of the former Dublin Square Shopping Center to a city park by the City of Dublin, three USTs and a concrete vault were discovered. On November 25, 2008, the USTs were removed. Approximately 280 tons of soil was removed during the UST removals. Petroleum hydrocarbons were detected in stockpiled soil samples with a maximum TPH concentration of 335 mg/kg (indirect evidence of free product). Verification groundwater sampling was not conducted. The site is currently under review for case closure under the Low-Threat Closure Policy.

RESPONSIBLE PARTIES

NAME	ORGANIZATION	ADDRESS	CITY	EMAIL
HERMA LICHTENSTEIN	CITY OF DUBLIN	100 CIVIC PLAZA	DUBLIN	herma.lichtenstein@ci.dublin.ca.us
NORMAN ALBERTS	BERKELEY LAND COMPANY	1211 NEWELL AVENUE STE# 116	WALNUT CREEK	

CLEANUP ACTION INFO

NO CLEANUP ACTIONS HAVE BEEN REPORTED

RISK INFORMATION			VIEW LTCP CHECKLIST	VIEW PATH TO CLOSURE PLAN	VIEW CASE REVIEWS			
CONTAMINANTS OF CONCERN Diesel, Waste Oil / Motor / Hydraulic / Lubricating, Lead, Gasoline			CURRENT LAND USE Public Use	BENEFICIAL USE GW - Municipal and Domestic Supply	DISCHARGE SOURCE Tank	DATE REPORTED 4/21/2009	STOP METHOD Close and Remove Tank	NEARBY / IMPACTED WELLS 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	
NO	NO	Dublin San Ramon Services District	12/16/2013	7/17/2012	7/17/2012	10/15/2015		

CDPH WELLS WITHIN 1500 FEET OF THIS SITE

NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN 941 156000701	GW BASIN NAME Livermore Valley (2-10)	WATERSHED NAME South Bay - Alameda Creek (204.30)
COUNTY Alameda	PUBLIC WATER SYSTEM(S) <ul style="list-style-type: none"> • DUBLIN SAN RAMON SERVICES DISTRICT - 7051 DUBLIN BLVD., DUBLIN, CA 94568 • ZONE 7 WATER AGENCY - 100 N CANYON PKWY, LIVERMORE, CA 94551-948 	

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

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
TANK 1	11/25/2008	OTHER	ND	ND	ND	4420 UG/L	ND	ND
TANK 2	11/25/2008	OTHER	ND	ND	ND	ND	ND	7.5 UG/L
TB-001	11/25/2008	OTHER	ND	ND	ND	ND	ND	ND

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

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
CONCRETE V	12/10/2008		ND	ND	ND	ND	ND	ND
STOCKPILE	12/10/2008		ND	ND	ND	ND		
TANK 1	12/10/2008		ND	ND	ND	ND	ND	ND
TANK 2	12/10/2008		ND	ND	ND	ND	ND	ND
TANK 3	12/10/2008		ND	ND	ND	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

LOGGED IN AS JWICKHAM

[CONTACT GEOTRACKER HELP](#)

ATTACHMENT 2

LTCP Checklist

ASSOCIATED GASOLINE / CITY OF DUBLIN (T10000001168) - [MAP THIS SITE](#)

OPEN - ELIGIBLE FOR CLOSURE

11759 DUBLIN BLVD
DUBLIN , CA 94568
ALAMEDA COUNTY

[ACTIVITIES REPORT](#)

[PUBLIC WEBPAGE](#)

[VIEW PRINTABLE CASE SUMMARY FOR THIS SITE](#)

CLEANUP OVERSIGHT AGENCIES

ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0003005

CASEWORKER: [Jerry Wickham](#) - SUPERVISOR: DILAN ROE

SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: NA

CASEWORKER: [Cherie McCaulou](#) - SUPERVISOR: Cheryl L. Prowell

CR Site ID #: NOT SPECIFIED

THIS PROJECT WAS LAST MODIFIED BY [JERRY WICKHAM](#) ON 4/28/2015 10:07:05 AM - [HISTORY](#)

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

CLOSURE POLICY

THIS VERSION IS FINAL AS OF 4/28/2015

CHECKLIST INITIATED ON 8/3/2013

[CLOSURE POLICY HISTORY](#)

General Criteria - *The site satisfies the policy general criteria* - [CLEAR SECTION ANSWERS](#)

a. Is the unauthorized release located within the service area of a public water system?

Name of Water System :

Dublin San Ramon Services District

YES NO

b. The unauthorized release consists only of petroleum [\(info\)](#).

YES NO

c. The unauthorized ("primary") release from the UST system has been stopped.

YES NO

d. Free product has been removed to the maximum extent practicable [\(info\)](#).

FP Not Encountered YES NO

e. A conceptual site model that assesses the nature, extent, and mobility of the release has been developed [\(info\)](#).

YES NO

f. Secondary source has been removed to the extent practicable [\(info\)](#).

YES NO

g. Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15.

Not Required YES NO

h. Does a nuisance exist, as defined by [Water Code section 13050](#).

YES NO

1. Media-Specific Criteria: Groundwater - *The contaminant plume that exceeds water quality objectives is stable or decreasing in areal extent, and meets all of the additional characteristics of one of the five classes of sites listed below.* - [CLEAR SECTION ANSWERS](#)

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - [Info](#))

YES NO

2. Media Specific Criteria: Petroleum Vapor Intrusion to Indoor Air - *The site is considered low-threat for the vapor-intrusion-to-air pathway if site-specific conditions satisfy items 2a, 2b, or 2c* - [CLEAR SECTION ANSWERS](#)

EXEMPTION - Active Commercial Petroleum Fueling Facility

YES NO

Does the site meet any of the Petroleum Vapor Intrusion to Indoor Air specific criteria scenarios?

YES NO

2c - Petroleum Vapor Intrusion to Indoor Air - The regulatory agency has determined petroleum vapors migrating 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 or engineering controls.

YES NO

3. Media Specific Criteria: Direct Contact and Outdoor Air Exposure - *The site is considered low-threat for direct contact and outdoor air exposure if it meets 1, 2, or 3 below.* - [CLEAR SECTION ANSWERS](#)

EXEMPTION - The upper 10 feet of soil is free of petroleum contamination

YES NO

Additional Information

This case should be kept OPEN in spite of meeting policy criteria.

YES NO

Has this LTCP Checklist been updated for FY 14/15?

YES NO

[SPELL CHECK](#)

Save Form as Partially Completed

Save Form as Complete

LOGGED IN AS JWICKHAM

[CONTACT GEOTRACKER HELP](#)

ATTACHMENT 3

ATTACHMENT 3
LTCP GROUNDWATER SPECIFIC CRITERIA

LTCP Groundwater Specific Scenario under which case was closed: No petroleum hydrocarbons were detected in confirmation soil samples collected below the tanks; therefore, the site does not appear to pose a risk to groundwater quality in the area.

Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3 Criteria	LTCP Scenario 4 Criteria
Plume Length	No plume identified	<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	No plume identified	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years	Stable or decreasing
Distance to Nearest Water Supply Well	Approximately 600 feet south of site	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Distance to Nearest Surface Water and Direction	600 feet crossgradient	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Property Owner Willing to Accept a Land Use Restriction?	Not applicable	Not applicable	Not applicable	Yes	Not applicable

GROUNDWATER CONCENTRATIONS

Constituent	Historic Site Maximum (µg/L)	Current Site Maximum (µg/L)	LTCP Scenario 1 Criteria (µg/L)	LTCP Scenario 2 Criteria (µg/L)	LTCP Scenario 3 Criteria (µg/L)	LTCP Scenario 4 Criteria (µg/L)
Benzene	----	----	No criteria	<3,000	No criteria	<1,000
MTBE	----	----	No criteria	<1,000	No criteria	<1,000

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?

No plume identified

Water Supply Wells in Vicinity: The nearest water supply well appears to be a well identified as a domestic well approximately 600 feet south (cross gradient) of the site. The domestic well is reported to have a screen interval from 189 to 517 feet bgs. A second domestic well is reportedly located approximately 600 feet north (cross gradient) of the site. The second domestic well reportedly has a screen interval from 60 to 110 feet bgs. These water supply wells are not expected to be receptors for the site. No water supply wells were identified within 2,000 feet of the site in the downgradient direction.

Comments: Data from a fuel leak case (RO0000213) that is located approximately 700 feet east (downgradient) from the site was reviewed to assess whether a plume from the site may have migrated off-site in the downgradient direction. Evidence of a plume migrating from the site was not apparent based on review of the groundwater sampling results from fuel leak case RO0000213.

ATTACHMENT 4

**ATTACHMENT 4
LTCP VAPOR SPECIFIC CRITERIA**

LTCP Vapor Specific Scenario under which case was closed: No petroleum hydrocarbons were detected in confirmation soil samples collected below the tanks; therefore, further evaluation of the potential for vapor intrusion does not appear to be warranted.

Active Fueling Station	Not applicable						
Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3A Criteria	LTCP Scenario 3B Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria
Unweathered LNAPL	No LNAPL	LNAPL in groundwater	LNAPL in soil	No LNAPL	No LNAPL	No LNAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	Estimated >30 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Soil in Bioattenuation Zone	< 100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg
Maximum Current Benzene Concentration in Groundwater	No plume identified	No criteria	No criteria	<100 µg/L	≥100 and <1,000 µg/L	<1,000 µg/L	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	----	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?

Yes

Comments:

ATTACHMENT 5

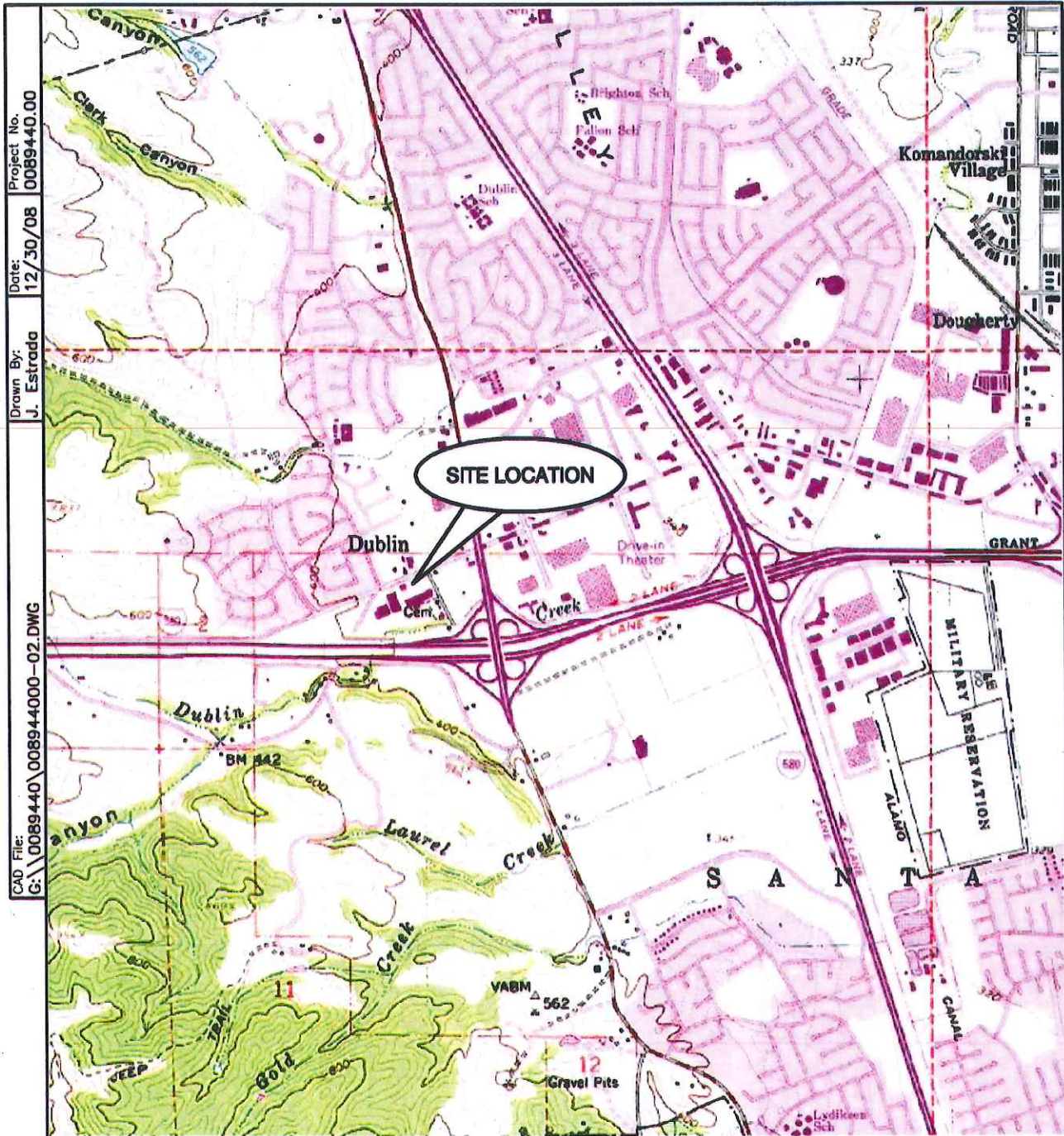
**ATTACHMENT 5
LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA**

LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: No petroleum hydrocarbons were detected in the upper 10 feet.

Are maximum concentrations less than those in Table 1 below? **Yes**

Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 10 feet bgs (mg/kg)
Site Maximum	Benzene	<0.5	<0.5	<0.5	<0.5	<0.5
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	<0.5	<0.5	<0.5	<0.5	<0.5
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?				----		
Comments:						

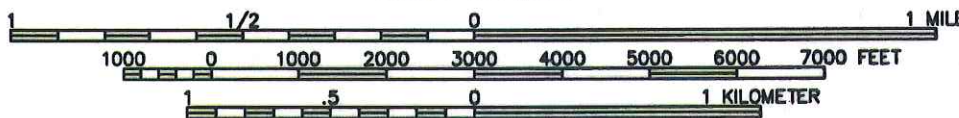
ATTACHMENT 6



Project No: 0089440.00
 Date: 12/30/08
 Drawn By: J. Estrada
 CAD File: G:\0089440\008944000-02.DWG

SITE LOCATION

SCALE 1:24,000



References:
 TOPOI® Software
 U.S.G.S. 7.5 Minute Series (Topographic) Quadrangle,
 Dublin, California
 Dated: 1980

Figure 1
Site Location Map
Former Dublin Square Shopping Center
Dublin, California

ERM 1208

Project No. 0089440.00
Date: 12/29/08
Drawn By: J. Estrella

CAD File: G:\0089440\008944000-01.DWG

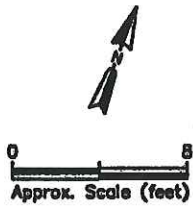
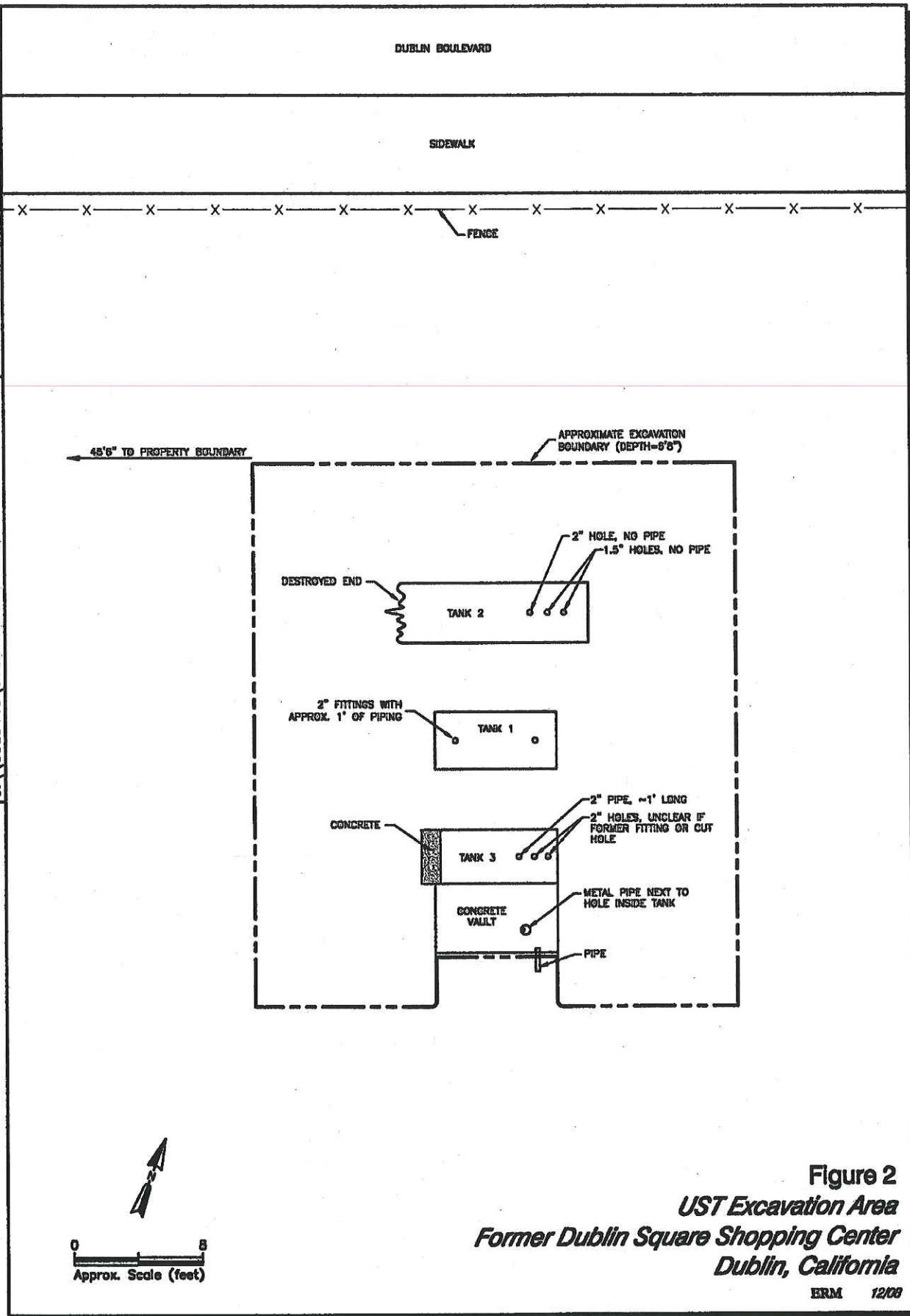


Figure 2
UST Excavation Area
Former Dublin Square Shopping Center
Dublin, California

ATTACHMENT 7

Report of Analysis

Client Sample ID: TANK 1	Date Sampled: 12/10/08
Lab Sample ID: C3343-2	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	p-Dichlorobenzene	ND	5.0	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
64-17-5	Ethyl alcohol	ND	500	99	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	1.5	ug/kg	
591-78-6	2-Hexanone	ND	40	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.99	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	40	15	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.5	ug/kg	
74-95-3	Methylene bromide	ND	5.0	2.5	ug/kg	
75-09-2	Methylene chloride	ND	25	16	ug/kg	
78-93-3	Methyl ethyl ketone	ND	40	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.5	ug/kg	
100-42-5	Styrene	ND	5.0	0.99	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	9.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.99	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.99	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.99	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	3.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.99	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	99	50	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1	Date Sampled: 12/10/08
Lab Sample ID: C3343-2	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8270C SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X2004.D	1	12/11/08	LY	12/11/08	OP571	EX109
Run #2							

Run #	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	890	ug/kg	
95-57-8	2-Chlorophenol	ND	1000	680	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	500	420	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	500	140	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	500	150	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	2500	850	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2000	1000	ug/kg	
95-48-7	2-Methylphenol	ND	500	170	ug/kg	
	3&4-Methylphenol	ND	500	150	ug/kg	
88-75-5	2-Nitrophenol	ND	500	130	ug/kg	
100-02-7	4-Nitrophenol	ND	2000	1200	ug/kg	
87-86-5	Pentachlorophenol	ND	500	420	ug/kg	
108-95-2	Phenol	ND	2000	1300	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	500	120	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	500	160	ug/kg	
83-32-9	Acenaphthene	ND	1000	500	ug/kg	
208-96-8	Acenaphthylene	ND	500	200	ug/kg	
62-53-3	Aniline	ND	500	140	ug/kg	
120-12-7	Anthracene	ND	500	100	ug/kg	
103-33-3	Azobenzene	ND	500	170	ug/kg	
92-87-5	Benzidine	ND	2500	730	ug/kg	
56-55-3	Benzo(a)anthracene	ND	500	70	ug/kg	
50-32-8	Benzo(a)pyrene	ND	500	90	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	500	60	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	500	150	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	500	120	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	500	150	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	500	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	1000	160	ug/kg	
91-58-7	2-Chloronaphthalene	ND	500	180	ug/kg	
106-47-8	4-Chloroaniline	ND	500	140	ug/kg	
86-74-8	Carbazole	ND	500	80	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1	Date Sampled: 12/10/08
Lab Sample ID: C3343-2	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8270C SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		20-100%
4165-62-2	Phenol-d5	50%		20-100%
118-79-6	2,4,6-Tribromophenol	53%		30-100%
4165-60-0	Nitrobenzene-d5	46%		20-100%
321-60-8	2-Fluorobiphenyl	46%		20-106%
1718-51-0	Terphenyl-d14	104%		55-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1	Date Sampled: 12/10/08
Lab Sample ID: C3343-2	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8015B M SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH1497.D	1	12/12/08	JH	12/11/08	OP566	GHH85
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	10	5.0	mg/kg	
	TPH (> C28-C40)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	78%		45-140%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 2	Date Sampled: 12/10/08
Lab Sample ID: C3343-1	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O02789.D	1	12/10/08	MF	n/a	n/a	VO140
Run #2							

Run #	Initial Weight
Run #1	5.04 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	99	20	ug/kg	
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.5	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.5	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.99	ug/kg	
75-25-2	Bromoform	ND	5.0	0.99	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.5	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.5	ug/kg	
67-66-3	Chloroform	ND	5.0	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.99	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.99	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	0.99	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.99	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	1.5	ug/kg	
123-91-1	1,4-Dioxane	ND	200	50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.99	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.99	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 2	Date Sampled: 12/10/08
Lab Sample ID: C3343-1	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 2	
Lab Sample ID: C3343-1	Date Sampled: 12/10/08
Matrix: SO - Soil	Date Received: 12/10/08
Method: SW846 8270C SW846 3545A	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	500	100	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	500	180	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	500	230	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	500	270	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	500	190	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	500	160	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	500	150	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	500	420	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	500	460	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	1000	320	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	2500	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	500	130	ug/kg	
132-64-9	Dibenzofuran	ND	500	160	ug/kg	
122-39-4	Diphenylamine	ND	500	120	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	500	100	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	500	130	ug/kg	
84-66-2	Diethyl phthalate	ND	500	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	500	180	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	500	220	ug/kg	
206-44-0	Fluoranthene	ND	500	100	ug/kg	
86-73-7	Fluorene	ND	500	180	ug/kg	
118-74-1	Hexachlorobenzene	ND	500	130	ug/kg	
87-68-3	Hexachlorobutadiene	ND	500	190	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	500	140	ug/kg	
67-72-1	Hexachloroethane	ND	500	160	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	500	140	ug/kg	
78-59-1	Isophorone	ND	500	170	ug/kg	
90-12-0	1-Methylnaphthalene	ND	500	160	ug/kg	
91-57-6	2-Methylnaphthalene	ND	500	160	ug/kg	
88-74-4	2-Nitroaniline	ND	500	120	ug/kg	
99-09-2	3-Nitroaniline	ND	500	120	ug/kg	
100-01-6	4-Nitroaniline	ND	500	300	ug/kg	
91-20-3	Naphthalene	ND	500	170	ug/kg	
98-95-3	Nitrobenzene	ND	500	160	ug/kg	
62-75-9	N-Nitrosodimethylamine	ND	5000	2200	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1000	550	ug/kg	
85-01-8	Phenanthrene	ND	500	110	ug/kg	
129-00-0	Pyrene	ND	1000	680	ug/kg	
110-86-1	Pyridine	ND	2000	220	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	500	340	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 2	Date Sampled: 12/10/08
Lab Sample ID: C3343-1	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8082 SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OO2482.D	1	12/12/08	NB	12/10/08	OP569	GOO89
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	100	17	ug/kg	
11104-28-2	Aroclor 1221	ND	100	50	ug/kg	
11141-16-5	Aroclor 1232	ND	100	50	ug/kg	
53469-21-9	Aroclor 1242	ND	100	50	ug/kg	
12672-29-6	Aroclor 1248	ND	100	50	ug/kg	
11097-69-1	Aroclor 1254	ND	100	50	ug/kg	
11096-82-5	Aroclor 1260	ND	100	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		58-130%
877-09-8	Tetrachloro-m-xylene	86%		58-130%
2051-24-3	Decachlorobiphenyl	104%		58-130%
2051-24-3	Decachlorobiphenyl	105%		58-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 2	Date Sampled: 12/10/08
Lab Sample ID: C3343-1	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 0.93	0.93	mg/kg	1	12/11/08	12/15/08 CT	SW846 6010B ¹	SW846 3050B ²
Chromium	32.4	0.93	mg/kg	1	12/11/08	12/15/08 CT	SW846 6010B ¹	SW846 3050B ²
Lead	6.6	0.93	mg/kg	1	12/11/08	12/15/08 CT	SW846 6010B ¹	SW846 3050B ²
Nickel	30.3	0.93	mg/kg	1	12/11/08	12/15/08 CT	SW846 6010B ¹	SW846 3050B ²
Zinc	46.5	1.9	mg/kg	1	12/11/08	12/15/08 CT	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA418
 (2) Prep QC Batch: MP679

(a) All results reported on wet weight basis.

RL = Reporting Limit

Report of Analysis

Client Sample ID: TANK 3	Date Sampled: 12/10/08
Lab Sample ID: C3343-3	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	O02791.D	1	12/10/08	MF	n/a	n/a	VO140

Run #1	Initial Weight
Run #2	5.00 g

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	100	20	ug/kg	
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.5	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.5	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.0	ug/kg	
75-25-2	Bromoform	ND	5.0	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.5	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.5	ug/kg	
67-66-3	Chloroform	ND	5.0	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	1.5	ug/kg	
123-91-1	1,4-Dioxane	ND	200	50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 3	Date Sampled: 12/10/08
Lab Sample ID: C3343-3	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	102%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 3	Date Sampled: 12/10/08
Lab Sample ID: C3343-3	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8270C SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	500	100	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	500	180	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	500	230	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	500	270	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	500	190	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	500	160	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	500	150	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	500	420	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	500	460	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	1000	320	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	2500	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	500	130	ug/kg	
132-64-9	Dibenzofuran	ND	500	160	ug/kg	
122-39-4	Diphenylamine	ND	500	120	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	500	100	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	500	130	ug/kg	
84-66-2	Diethyl phthalate	ND	500	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	500	180	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	500	220	ug/kg	
206-44-0	Fluoranthene	ND	500	100	ug/kg	
86-73-7	Fluorene	ND	500	180	ug/kg	
118-74-1	Hexachlorobenzene	ND	500	130	ug/kg	
87-68-3	Hexachlorobutadiene	ND	500	190	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	500	140	ug/kg	
67-72-1	Hexachloroethane	ND	500	160	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	500	140	ug/kg	
78-59-1	Isophorone	ND	500	170	ug/kg	
90-12-0	1-Methylnaphthalene	ND	500	160	ug/kg	
91-57-6	2-Methylnaphthalene	ND	500	160	ug/kg	
88-74-4	2-Nitroaniline	ND	500	120	ug/kg	
99-09-2	3-Nitroaniline	ND	500	120	ug/kg	
100-01-6	4-Nitroaniline	ND	500	300	ug/kg	
91-20-3	Naphthalene	ND	500	170	ug/kg	
98-95-3	Nitrobenzene	ND	500	160	ug/kg	
62-75-9	N-Nitrosodimethylamine	ND	5000	2200	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1000	550	ug/kg	
85-01-8	Phenanthrene	ND	500	110	ug/kg	
129-00-0	Pyrene	ND	1000	680	ug/kg	
110-86-1	Pyridine	ND	2000	220	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	500	340	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 3	Date Sampled: 12/10/08
Lab Sample ID: C3343-3	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8082 SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OO2484.D	1	12/12/08	NB	12/10/08	OP569	GOO89
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	100	17	ug/kg	
11104-28-2	Aroclor 1221	ND	100	50	ug/kg	
11141-16-5	Aroclor 1232	ND	100	50	ug/kg	
53469-21-9	Aroclor 1242	ND	100	50	ug/kg	
12672-29-6	Aroclor 1248	ND	100	50	ug/kg	
11097-69-1	Aroclor 1254	ND	100	50	ug/kg	
11096-82-5	Aroclor 1260	ND	100	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%		58-130%
877-09-8	Tetrachloro-m-xylene	81%		58-130%
2051-24-3	Decachlorobiphenyl	91%		58-130%
2051-24-3	Decachlorobiphenyl	91%		58-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 3	Date Sampled: 12/10/08
Lab Sample ID: C3343-3	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 0.93	0.93	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Chromium	31.0	0.93	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Lead	8.4	0.93	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Nickel	30.9	0.93	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Zinc	52.8	1.9	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA417

(2) Prep QC Batch: MP679

(a) All results reported on wet weight basis.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	CONCRETE VAULT	Date Sampled:	12/10/08
Lab Sample ID:	C3343-4	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8270C SW846 3545A		
Project:	11759 Dublin Blvd, Dublin, CA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X2008.D	1	12/11/08	LY	12/11/08	OP571	EX109
Run #2							

Run #	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	890	ug/kg	
95-57-8	2-Chlorophenol	ND	1000	680	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	500	420	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	500	140	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	500	150	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	2500	850	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2000	1000	ug/kg	
95-48-7	2-Methylphenol	ND	500	170	ug/kg	
	3&4-Methylphenol	ND	500	150	ug/kg	
88-75-5	2-Nitrophenol	ND	500	130	ug/kg	
100-02-7	4-Nitrophenol	ND	2000	1200	ug/kg	
87-86-5	Pentachlorophenol	ND	500	420	ug/kg	
108-95-2	Phenol	ND	2000	1300	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	500	120	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	500	160	ug/kg	
83-32-9	Acenaphthene	ND	1000	500	ug/kg	
208-96-8	Acenaphthylene	ND	500	200	ug/kg	
62-53-3	Aniline	ND	500	140	ug/kg	
120-12-7	Anthracene	ND	500	100	ug/kg	
103-33-3	Azobenzene	ND	500	170	ug/kg	
92-87-5	Benzidine	ND	2500	730	ug/kg	
56-55-3	Benzo(a)anthracene	ND	500	70	ug/kg	
50-32-8	Benzo(a)pyrene	ND	500	90	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	500	60	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	500	150	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	500	120	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	500	150	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	500	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	1000	160	ug/kg	
91-58-7	2-Chloronaphthalene	ND	500	180	ug/kg	
106-47-8	4-Chloroaniline	ND	500	140	ug/kg	
86-74-8	Carbazole	ND	500	80	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: CONCRETE VAULT	Date Sampled: 12/10/08
Lab Sample ID: C3343-4	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8260B	
Project: . 11759 Dublin Blvd, Dublin, CA	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	p-Dichlorobenzene	ND	5.0	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
64-17-5	Ethyl alcohol	ND	500	99	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	1.5	ug/kg	
591-78-6	2-Hexanone	ND	40	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.99	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	40	15	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.5	ug/kg	
74-95-3	Methylene bromide	ND	5.0	2.5	ug/kg	
75-09-2	Methylene chloride	ND	25	16	ug/kg	
78-93-3	Methyl ethyl ketone	ND	40	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.5	ug/kg	
100-42-5	Styrene	ND	5.0	0.99	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	9.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.99	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.99	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.99	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	3.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.99	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	99	50	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: CONCRETE VAULT	
Lab Sample ID: C3343-4	Date Sampled: 12/10/08
Matrix: SO - Soil	Date Received: 12/10/08
Method: SW846 8270C SW846 3545A	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%		20-100%
4165-62-2	Phenol-d5	41%		20-100%
118-79-6	2,4,6-Tribromophenol	45%		30-100%
4165-60-0	Nitrobenzene-d5	23%		20-100%
321-60-8	2-Fluorobiphenyl	26%		20-106%
1718-51-0	Terphenyl-d14	100%		55-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CONCRETE VAULT	Date Sampled:	12/10/08
Lab Sample ID:	C3343-4	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8015B M SW846 3545A		
Project:	11759 Dublin Blvd, Dublin, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG2702.D	1	12/12/08	JH	12/11/08	OP566	GGG112
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	10	5.0	mg/kg	
	TPH (> C28-C40)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		45-140%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCKPILE EAST COMP	Date Sampled:	12/10/08
Lab Sample ID:	C3343-5	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8260B		
Project:	11759 Dublin Blvd, Dublin, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O02793.D	1	12/10/08	MF	n/a	n/a	VO140
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.06 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	250	74	ug/kg	
108-88-3	Toluene	ND	250	74	ug/kg	
100-41-4	Ethylbenzene	ND	250	74	ug/kg	
1330-20-7	Xylene (total)	ND	490	200	ug/kg	
	TPH-GRO (C6-C10)	ND	4900	2500	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: STOCKPILE EAST COMP	Date Sampled: 12/10/08
Lab Sample ID: C3343-5	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 0.98	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Chromium	32.3	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Lead	20.9	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Nickel	34.3	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Zinc	89.7	2.0	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA417

(2) Prep QC Batch: MP679

(a) All results reported on wet weight basis.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	STOCKPILE MID COMP	Date Sampled:	12/10/08
Lab Sample ID:	C3343-6	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8015B M SW846 3545A		
Project:	11759 Dublin Blvd, Dublin, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG2705.D	10	12/12/08	JH	12/11/08	OP566	GGG112
Run #2							

	Initial Weight	Final Volume
Run #1	10.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	98	49	mg/kg	
	TPH (> C28-C40) ^b	355	200	98	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	79%		45-140%

- (a) All results reported on wet weight basis.
- (b) Motor Oil Pattern.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCKPILE WEST COMP	Date Sampled:	12/10/08
Lab Sample ID:	C3343-7	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8260B		
Project:	11759 Dublin Blvd, Dublin, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O02795.D	1	12/10/08	MF	n/a	n/a	VO140
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.04 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	250	74	ug/kg	
108-88-3	Toluene	ND	250	74	ug/kg	
100-41-4	Ethylbenzene	ND	250	74	ug/kg	
1330-20-7	Xylene (total)	ND	500	200	ug/kg	
	TPH-GRO (C6-C10)	ND	5000	2500	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	104%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: STOCKPILE WEST COMP	Date Sampled: 12/10/08
Lab Sample ID: C3343-7	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 0.98	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Chromium	36.3	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Lead	59.4	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Nickel	36.4	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Zinc	93.8	2.0	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²

- (1) Instrument QC Batch: MA417
- (2) Prep QC Batch: MP679

(a) All results reported on wet weight basis.

RL = Reporting Limit

- Total Petroleum Hydrocarbons (TPH) in the extractable range by United States Environmental Protection Agency (USEPA) Method 8015M;
- Oil & Grease by USEPA Method 1664A;
- Volatile Organic Compounds (VOCs) including TPH as gasoline and fuel oxygenates by USEPA Method 8260B;
- LUFT 5 Metals by USEPA Method 6010B;
- Polychlorinated Biphenyls (PCBs) by USEPA Method 8082 and;
- Pentachlorophenol (PCP), Polynuclear Aromatic Hydrocarbons (PNAs), and creosote compounds by USEPA Method 8270C.

The analytical results for the tank contents suggest some diesel-fuel-range hydrocarbons and associated breakdown products. The sampling results for detected compounds in the tanks are summarized in Table 2. The complete laboratory reports are included in Appendix B.

Table 2 - Laboratory Results for Tank Contents

	Units	Tank 1	Tank 2
Naphthalene (by 8260)	µg/L	60.6	ND
Tert-Butyl Alcohol	µg/L	ND	7.5
1,2,4-Trimethylbenzene	µg/L	1,110	ND
1,3,5-Trimethylbenzene	µg/L	466	ND
Xylene (total)	µg/L	4,420	ND
TPH-GRO (C6-C10)	µg/L	13,700	66.2 ^b
Naphthalene (by 8270)	µg/L	80.6	ND
HEM Oil and Grease	mg/L	ND	6.1
TPH as Diesel	mg/L	13.3 ^a	3.88 ^c
Cadmium	µg/L	28.9	35.5
Lead	µg/L	ND	72.5
Nickel	µg/L	14.1	16.7
Zinc	µg/L	45,700	37,500

collected by inserting a brass liner into the soil gathered in the backhoe bucket. Each end of the liner was then covered with Teflon tape and sealed with a tight-fitting plastic cap. The liners were labeled, placed in resealable plastic bags, and kept in an iced cooler prior to submittal to the laboratory. The samples were shipped under proper chain-of-custody protocol to Accutest. The samples were analyzed for the following:

- TPH Extractable - diesel and motor oil ranges by USEPA Method 8015M;
- 1,4-Dioxane by USEPA Method 8260 SIM;
- LUFT 5 Metals by USEPA Method 6010B;
- PCBs by USEPA Method 8082;
- VOCs, including TPH as gasoline and fuel oxygenates by USEPA Method 8260B;
- PCP, PNAs, and creosote compounds by USEPA Method 8270C.

No TPH or breakdown products were detected in any of the soil samples collected below the tanks or concrete vault. The only chemical detections were for some of the LUFT 5 Metals, all of which were below regulatory standards. The analytical results from the soil samples are summarized in Table 4. The complete laboratory reports are included in Appendix B.

Table 4 - Analytical Results Summary for Soil Samples beneath USTs

	Chromium	Lead	Nickel	Zinc
ESL	2,500	750	150	600
Tank 1	31.4	7	30.6	48.5
Tank 2	32.4	6.6	30.3	46.5
Tank 3	31	8.4	30.9	52.8
Concrete Vault	30.6	6.5	31.4	52.1

All units in milligrams per kilogram (mg/kg).

ESL = Environmental Screening Level for commercial/industrial land use for shallow soils (<10 feet), Regional Water Quality Control Board, May 2008.