PORT OF OAKLAND

RECEIVED
By Alameda County Environmental Health at 2:09 pm, Feb 14, 2014

7 February 2014

Mr. Keith Nowell
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: Transmittal of Technical Memorandum - Information Requested by Department of Environmental Health related to the Oakland Maintenance Center Site, 1100 Airport Drive Oakland, California (Site#: RO00000414 – MOIA, United Airlines)

Dear Mr. Nowell:

Please find attached the above-referenced technical memorandum prepared by BASELINE Environmental Consulting providing information requested by the Alameda County Environmental Health Care Services Agency, Department of Environmental Health related to the Oakland Maintenance Center Site.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Please feel free to contact me at the Port of Oakland at (510) 627-1184 if you have any questions.

Sincerely,

Douglas Herman
Environmental Scientist
Port of Oakland

530 Water Street ■ Jack London Square ■ P.O. Box 2064 ■ Oakland, California 94604-2064
Telephone: (510) 627-1100 ■ Facsimile: (510) 627-1826 ■ Web Page: www.portofoakland.com

BASELINE ENVIRONMENTAL CONSULTING

TECHNICAL MEMORANDUM

Date: 7 February 2014 **Job No.:** 12315-20.02130

To: Keith Nowell and Dilan Roe, Alameda County Health Care Agency, Department of Environmental Health

From: Lydia Huang

Subject: **Information Requested by Alameda County Health Care Services Agency, Department of Environmental Health on the Oakland Maintenance Center Site, Toxic Leaks Case RO0000414**

A meeting was held between the Port of Oakland ("Port") and staff of the Alameda County Health Agency, Department of Environmental Health ("DEH") on 25 October 2013 to discuss the Port's No Further Action request for the entire Oakland Maintenance Center ("OMC") Site.[1] During the meeting, DEH staff requested additional information/data compilation to facilitate their review of the No Further Action request. This memorandum provides the requested information. The Port looks forward to meeting with DEH on 20 February 2014 to discuss the information transmitted in this memorandum and identify tasks needed to achieve case closure for the OMC Site.

1. ***Outdoor air, direct contact and indoor air exposure from soil:*** *Provide tables that show concentrations of total petroleum hydrocarbons ("TPH") (diesel and gasoline), benzene, toluene, ethylbenzene, and xylenes, and naphthalene in soil left in-place at the three underground storage tank ("UST") locations (MF23/24, MF25/26, and MF35/36). The data will be grouped into the 0 to 5 feet below the ground surface interval, and the 5 to 10 feet depth interval.*

USTs MF23/24 and MF35/36. These two pairs of USTs received No Further Action letters from DEH in 1996 (MF23/24) and 1999 (MF35/36). Excerpts of tank removal and investigation reports with soil quality data associated with these two pairs of USTs that supported the No Further Action determinations are provided in Attachment A. In addition, soil quality data collected from the vicinity of the USTs during subsequent investigations conducted for other purposes are summarized in Table B-1 for the 0 to 5 feet and 5 to 10 feet intervals in Attachment B. While the data are provided as requested, it is the Port's position that the No Further Actions previously issued for MF23/24 and MF35/36 do not need re-evaluation under the Low-Threat Underground Storage Tank Case Closure Policy.

[1] No Further Action was requested in the report titled *Final Report, Closure Documentation for the Former Oakland Maintenance Center (OMC), Oakland International Airport, 1100 Airport Drive, Oakland, California*, prepared by URS Corporation and dated October 31, 2012.

USTs MF25/26. Soil quality data associated with USTs MF25/26 collected since 2003 are summarized in Tables B-2a, B-2b for TPH and Tables B-3a and B-3b for volatile organic compounds ("VOCs") in Attachment B for the 0 to 5 feet and 5 to 10 feet intervals, respectively. Historical data collected prior to 2003 have not been tabulated. It appears that this information was requested in the context of assessing media-specific criteria 3 (Direct Contact and Outdoor Air Exposure) in the Low-Threat Underground Storage Tank Case Closure Policy. It should be noted that the current and anticipated future use of the MF25/26 area is long-term car parking and the surface is completely paved with asphalt. The Port has submitted a draft Risk Management Plan for mitigating potential construction worker contact with residual contaminants in soil and groundwater when subsurface work is conducted in the MF25/26 area.[2]

2. ***Indoor air exposure from groundwater:*** *Provide a table that shows concentrations of benzene in groundwater. The DEH is concerned that because the groundwater table is shallow, the site lacks a 10-foot bioattenuation zone.*

Table C-1 in Attachment C summarizes benzene concentrations in groundwater from 2003 onward. Benzene has been detected in groundwater samples only from the MF25/26 area. The concern related to a lack of a bioattenuation zone is associated with media-specific criteria 2 (Petroleum Vapor Intrusion to Indoor Air) in the Low-Threat Underground Storage Tank Case Closure Policy, which is not applicable to the MF25/26 area as there are no current or planned future buildings nearby.

3. ***Adequacy of the monitoring well network:*** *Provide a table that shows well construction details (e.g. total depth, screened intervals) of all monitoring wells at 1100 Airport Drive, and indicate existing versus destroyed wells. The Port will compile available groundwater elevation data to evaluate groundwater flow direction(s) to assess well placement.*

Table D-1 in Attachment D summarizes well construction details for the 33 groundwater monitoring wells installed at the OMC Site. Wells MW-1, MW-2, and MW-3 associated with USTs MF23/24 were abandoned in January 1997 after the Port received a No Further Action letter from DEH. The Port has no documentation for the installation of wells UAL-MW-4 and UAL-MW-5; the only information available for these two wells is the total depth which was measured during an investigation in 2003. Wells MW-1, MW-2, and MW-3 installed to investigate USTs MF23/24 were destroyed in 1997 after DEH issued a No Further Action letter for these USTs; documentation of well destruction is on DEH's website (WELL_DCM_R_1997-01-17.pdf).

[2] *Draft Risk Management Plan, Former Oakland Maintenance Center, Oakland International Airport, Oakland, California*, prepared by URS Corporation and dated January 17, 2013.

Groundwater level measurements since 2003 are summarized in Table D-2 (except earlier data are included for MW-1 to MW-3 in the MF23/24 area as these wells were destroyed earlier). The table also lists the top of the screened interval in the wells and indicates instances when the groundwater was higher than the top of the screened interval.

The majority of the investigations conducted at the OMC since about 1988 focused on small areas as most investigations were limited to one of the 3 UST areas (MF23/24, MF25/26, and MF35/36). As a result, the majority of the events where groundwater levels were measured involved only a small number of wells covering a small area. Only during two investigations were the groundwater levels measured in many wells spanning across the OMC Site. Groundwater elevation contours for data collected during the January 2004 and June 2006 monitoring events are shown in Figure D-1. Additional contours of data for only the USTs MF25/26 area from November 1999, March 2000, and August 2011 are shown on Figure D-2.

4. ***Updated ESLs:*** *Screen the Areas of Concern ("AOC") data presented in the URS October 31, 2012 report using updated Environmental Screening Levels ("ESLs") from the Regional Water Quality Control Board ("RWQCB").*

The Tier 1 and 2 screening tables for the 19 AOCs presented in the URS October 31, 2012 report have been updated using the RWQCB's December 2013 ESLs and USEPA's November 2013 Regional Screening Levels ("RSLs") and are provided in Attachment E . The tables are the same as those in the URS report except for the updated screening values and the table numbers. The table numbers is correlated to those in the URS report; for example, Table 2-1a in the URS report corresponds to Table E-1a in Attachment E.

The Tier 2 groundwater screening for ecological receptors done for the tables in Attachment E applied a different logic from the corresponding screening done in the URS October 31, 2012 report. For Tier 2 groundwater screening for ecological receptors, the URS October 31, 2012 report applied a dilution attenuation factor ("DAF") of 27.5 to the ESLs for the protection of estuarine aquatic habitat. This was done based on the assumption that the nearest surface water discharge point is 2,750 feet away and the DAF is equal to the distance divided by 100 feet (as used in the San Francisco International Airport site cleanup requirements adopted by the RWQCB). In the updated Tier 2 groundwater screening presented in Attachment E, the distance to the nearest discharge point is assumed to be 700 feet, corresponding to the distance from the MF25/26 area to the nearest storm water drainage ditches located north of the OMC Site. Updated Tier 3 screening has not been conducted at this time.

5. ***Ecological receptors:*** *Evaluate the potential for shallow groundwater with or without free product to pose a risk to ecological receptors.*

Potential ecological receptors in the vicinity of the OMC Site may be present in a 0.19-acre drainage ditch considered a jurisdictional wetland by the Army Corps of Engineers. This ditch is located about 700 feet in the northwesterly direction from the MF25/26 area; water in the ditch drains eventually to Pump House 6 which discharges to a muted tidal lagoon connected to San Francisco Bay at the southwestern corner of the airport.

Groundwater from the MF25/26 area could flow toward and discharge to the drainage ditch or be discharged to the ditch via preferential pathways created by storm drains in the area. TPH and VOC concentrations for samples collected from the eight wells installed in the MF25/26 area from 2003 onward are summarized in Tables F-1 and F-2 in Attachment F and screened against ESL ceiling levels for groundwater, ceiling limits for surface water (not a drinking water source), and Tier 2 ecological receptor values.

6. ***Vertical delineation:*** *Assess the potential for vertical downward migration of constituents in the groundwater.*

The South Field of the airport was filled from open shallow waters of the San Francisco Bay by placing dredged materials inside the constructed perimeter dike around the south field. The area immediately around the OMC was initially at least partially filled beginning in the late 1950s. The OMC facility, originally constructed as a hangar for World Airlines, was not constructed until around 1970. Young Bay Mud lay beneath the shallow bay waters and fill was placed directly on top of the Young Bay Mud. The presence of the Young Bay Mud at the OMC Site is confirmed by logs from wells and borings that have been installed.

Borings logs from eight borings installed in the MF25/26 area in 2011 by Kennedy/Jenks Consultants for the Port encountered Young Bay Mud at the bottom of all the borings.[3] The top of the Young Bay Mud was encountered between 8.5 to 11 feet below the ground surface ("bgs"), and extended to the maximum depth explored which was between 12 and 15 feet. Logs from a geotechnical investigation of the area around the OMC Site prior to the construction of the building provide additional confirmation of the presence of the Young Bay Mud layer (Attachment G). The presence of the Young Bay Mud across the OMC Site is a barrier to potential vertical migration of near-surface contaminants in groundwater.

[3] *Letter Report for Additional Investigation of Former Tanks MF25 & MF26, Oakland Maintenance Center, Oakland International Airport, 1100 Airport Drive, Oakland, California,* prepared by Kenndy/Jenks Consultants, dated 10 January 2012 (File name "SWI_R_2012-01-10.pdf" on DEH website).

7. ***How to quantify non-detects:*** *If Upper Confidence Limit calculations were used in the Tier 3 screening, explain and provide backup of how the calculations were done.*

Upper confidence limits were not calculated in the URS October 31, 2012 report. The URS report made reference to Tier 3 screening by ERM-West on behalf of United Airlines in a June 2004 report. Details appeared to have been provided in Appendix I of that report.

Should the Port present upper confidence limit calculations in future evaluations, the methods used will be clearly explained and documented in submittals to DEH.

ATTACHMENTS:

A. Excerpts from Historical Reports on MF23/24 and MF35/36 with Soil Quality Data
B. Petroleum Constituent Concentrations in Soil at UST Locations
C. Benzene Concentrations in Groundwater from 2003 Onward
D. Well and Groundwater Elevation Information
E. Screening of Data from 19 AOCs against Updated Values
F. Petroleum and VOC Concentrations in Groundwater near MF25/26
G. Historical Boring Logs from Geotechnical Investigation

Attachment A

Excerpts from Historical Reports on MF23/24 and MF35/36 with Soil Quality Data

TNK_WP_R_1991-7-30.pdf

Doc 1013

UM

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REPORT ID# [redacted] 43
PDF-3-4-09

Report on

TANK REMOVAL ACTIVITIES AND WORK PLAN FOR PRELIMINARY GROUNDWATER INVESTIGATION

George P. Miller Aviation Hangar
(United Airlines Maintenance Hanger)
1100 Airport Drive
Metropolitan Oakland International Airport
Oakland, California

Prepared for:

Port of Oakland
Oakland, California

July 1991

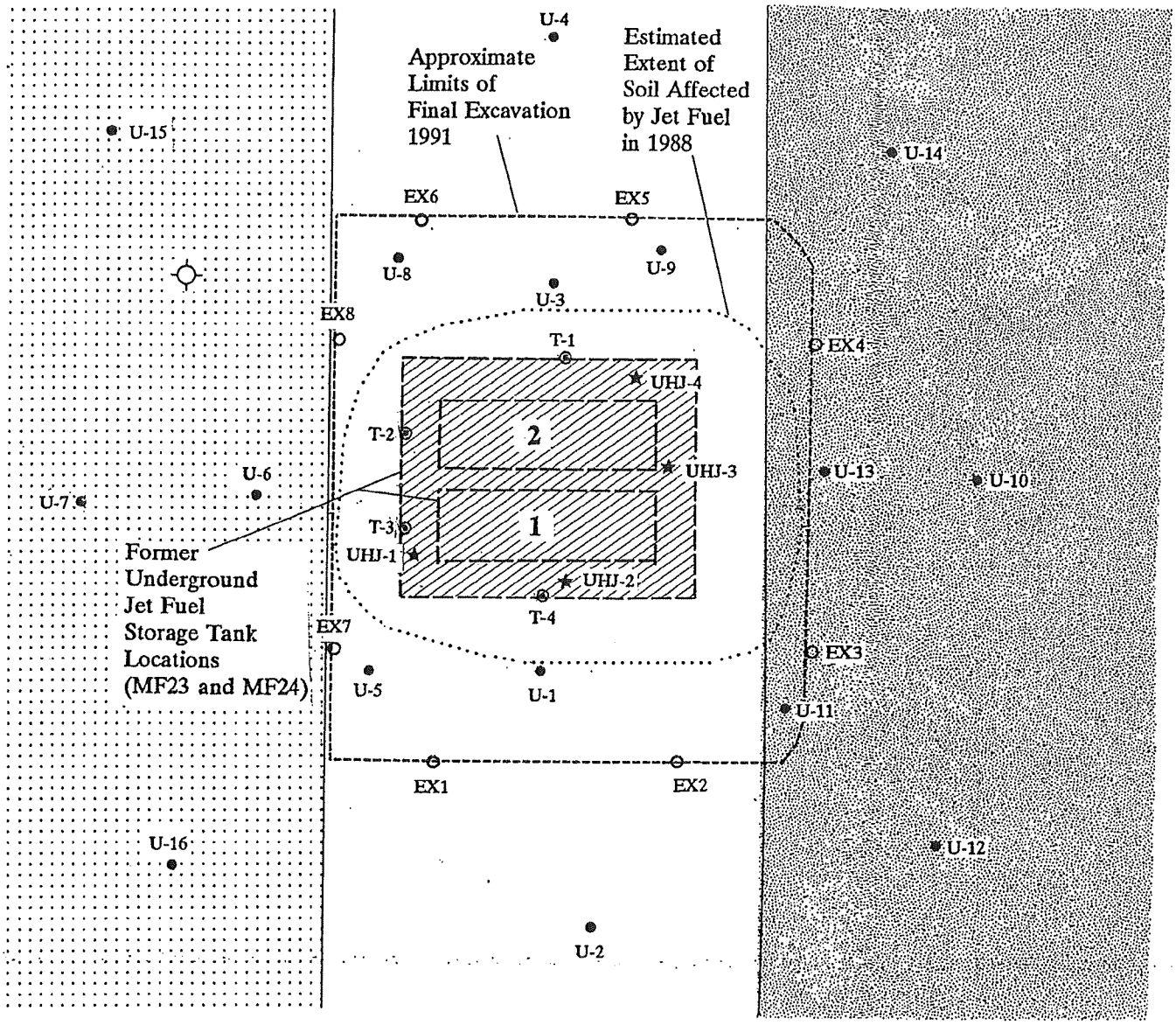
Prepared by:

BASELINE ENVIRONMENTAL CONSULTING
5900 Hollis Street
Emeryville, California 94608
(415) 420-8686

S9-134.36

SOIL SAMPLE LOCATIONS

Figure 3



Legend

- Tank Excavation Location
- Concrete Apron
- Taxiway

UHJ-1	★	Soil Sample Location	10/4/88
U-1	●	Soil Sample Location	12/27/88
T-1	◉	Soil Sample Location	6/6/91
EX1	○	Soil Sample Location	6/12/91
	⊕	Proposed Monitoring Well Location	

Jet Fuel Storage Area
George P. Miller Aviation Hangar
(United Airlines Maintenance Hangar)
Metropolitan Oakland International Airport
Oakland, California

0 20 Feet

BASELINE

S9134.36 7/8/91

TABLE 1

SUMMARY OF ANALYTICAL RESULTS, SOIL
George P. Miller Aviation Hangar
Metropolitan Oakland International Airport
(mg/kg)

Location	Date	Depth (feet)	TPH as Jet Fuel[1]	Benzene[2]	Toluene[2]	Xylenes[2]	Ethyl-benzene[2]
Soil Borings:							
UHJ-1	10/04/88	4.0	460[3]	--	--	--	--
UHJ-2	10/04/88	4.0	2,200	--	--	--	--
UHJ-3	10/04/88	4.0	800	0.200	0.500	1.300	4.500
UHJ-4	10/04/88	4.0	330	0.270	0.375	0.290	2.250
U-1 through U-16	12/27/88	1.0-4.0	<10	--	--	--	--
Tank Excavation:							
T-1	06/06/91	6.0	2,200	1.100	0.770	11.00	7.800
T-2	06/06/91	6.0	600	<0.100	<0.100	4.400	1.200
T-3	06/06/91	6.0	22	<0.005	<0.005	<0.005	<0.005
T-4	06/06/91	6/0	90	<0.005	<0.005	2.500	0.850
Stockpile:							
Stockpile 1[4,5]	06/06/91	0.5	3,300	0.380	<0.500	0.480	1.900
LDV-1[6]	07/02/91	--	--	--	--	--	--
Excavation Verification Samples:[7]							
EX1	06/12/91	5.0	<1.0	<0.005	<0.005	<0.005	<0.005
EX2	06/12/91	5.0	<1.0	<0.005	<0.005	<0.005	<0.005
EX3	06/13/91	5.0	<1.0	<0.005	<0.005	<0.005	<0.005
EX4	06/13/91	5.0	<1.0	<0.005	<0.005	<0.005	<0.005
EX5	06/17/91	5.0	<1.0	<0.005	<0.005	<0.005	<0.005
EX6	06/17/91	5.0	<1.0	0.011	<0.005	<0.005	<0.005
EX7	06/17/91	5.0	<1.0	<0.005	<0.005	<0.005	<0.005
EX8	06/17/91	5.0	<1.0	<0.005	<0.005	<0.005	<0.005

1 Test Method = EPA 8015M for 1988 samples; DHS-LUFT for 1991 samples.
2 Test Method = EPA 8240 for Stockpile-1 sample; EPA 8020 for all other samples.
3 Other reported as TPH by the analytical laboratory.
4 Sample also analyzed for Title 26 metals; barium (39.1 mg/kg), beryllium (0.11 mg/kg), chromium (23.1 mg/kg), cobalt (4.9 mg/kg), copper (7.0 mg/kg) nickel (23.2 mg/kg), vanadium (16.3 mg/kg), zinc (21.3 mg/kg) detected; all concentrations are below TTLCs and less than ten times STLC values.
5 Sample also analyzed for hazardous waste fish bioassay (100% survival), ignitability (not ignitable) and pH (7.19).
6 Sample was analyzed for ignitability (not ignitable).
7 Samples were collected from the side walls of the excavation above the water table.

Notes: <x.x = Not detected at stated detection level.
x.x = Constituent identified above detection level.
-- = Constituent not analyzed.
The soil sample locations are shown on Figure 3.
The laboratory report for the 1991 samples are included in Appendix C.

REPORT OF MONITORING WELL INSTALLATION

1100 AIRPORT DRIVE, METROPOLITAN OAKLAND INTERNATIONAL AIRPORT

JUNE 22, 1992

Prepared For:
Port of Oakland
Oakland, California

Prepared By:
Uribe & Associates
Oakland, California

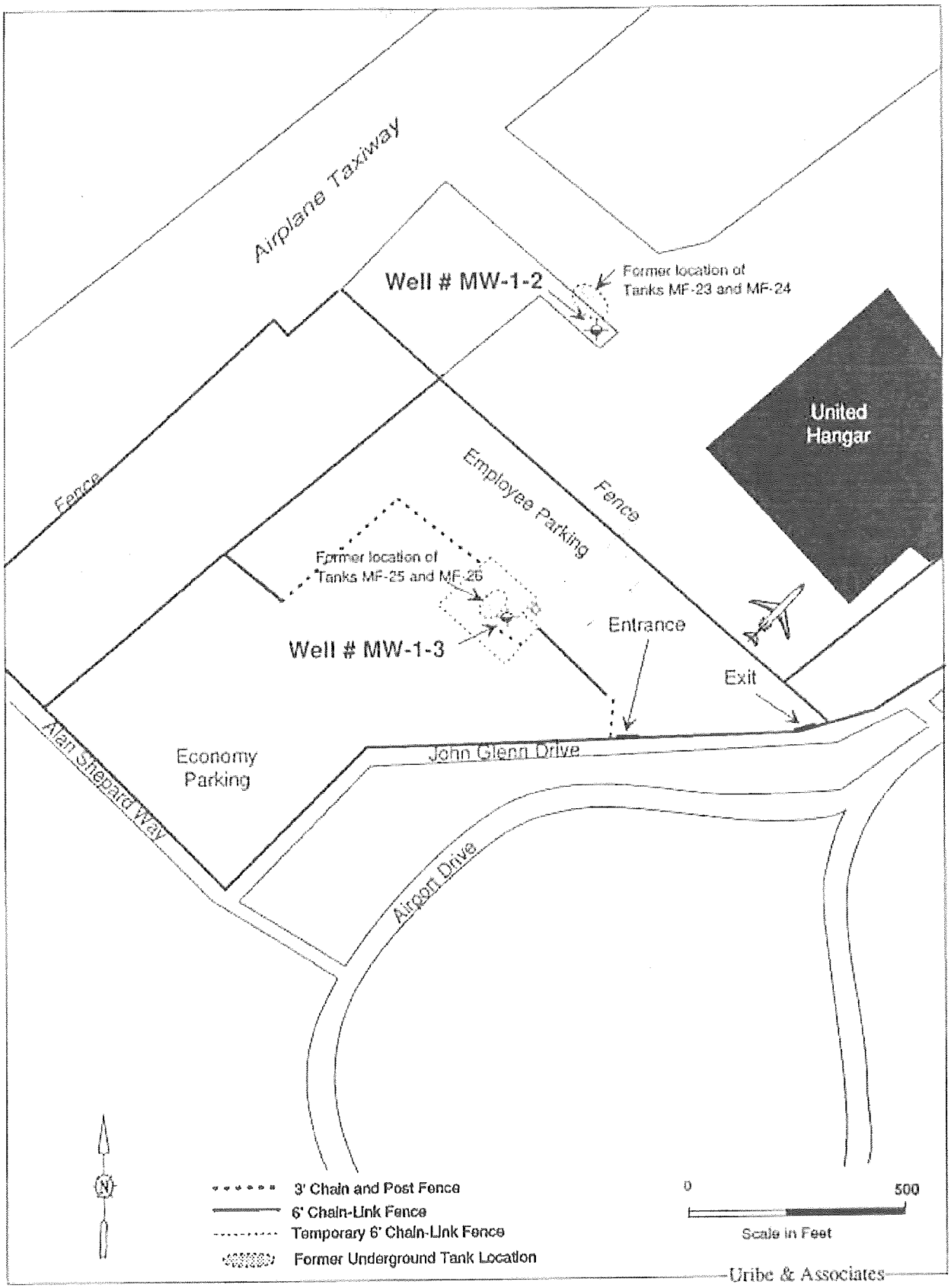


Figure 2: Site Plan Map of Monitoring Wells MW-1-2 and MW-1-3 at United Hangar

Should run CHC on VOA plus 8270 Semivolatiles

Table 1
Summary of Water Sample Analysis

Sample ID	MF 23/24 MW-1-2	MF 25/26 MW-1-3
TPH-G (ug/l)	--	<50
Benzene (ug/l)	1	<0.4
Toluene (ug/l)	1	<0.3
Ethylbenzene (ug/l)	2	<0.3
p,m-Xylenes (ug/l)	1	<0.4
o-Xylene (ug/l)	7	<0.4
TDS (mg/l)	2,200	5,900
Chlorides (mg/l)	730	3,100
Total Oil and Grease (mg/l)	--	<5
Total Jet Fuel (ug/l)	4,900	--

-- indicates not analyzed

Should run TPHd + CHC

Table 2
Summary of Soil Sample Analysis

Sample ID	MF 23/24 MW-1-2-1	MF 25/26 MW-1-3-1
TPH-G (mg/kg)	--	<0.3
Benzene (mg/kg)	<0.005	<0.005
Toluene (mg/kg)	<0.005	<0.005
Ethylbenzene (mg/kg)	<0.005	<0.005
p,m-Xylenes (mg/kg)	<0.005	<0.005
o-Xylene (mg/kg)	<0.005	<0.005
Total Oil and Grease (mg/kg)	--	100
Total Jet Fuel (mg/kg)	<1	--

-- indicates not analyzed

Doc 1029

SITE INVESTIGATION REPORT

Port of Oakland
Oakland International Airport
United Airlines Hangar Area - Taxiway Site
1100 Airport Drive
Oakland, California

Project No. 10-251-02-004

Prepared for:

Port of Oakland
530 Water Street
Oakland, California

Prepared by:

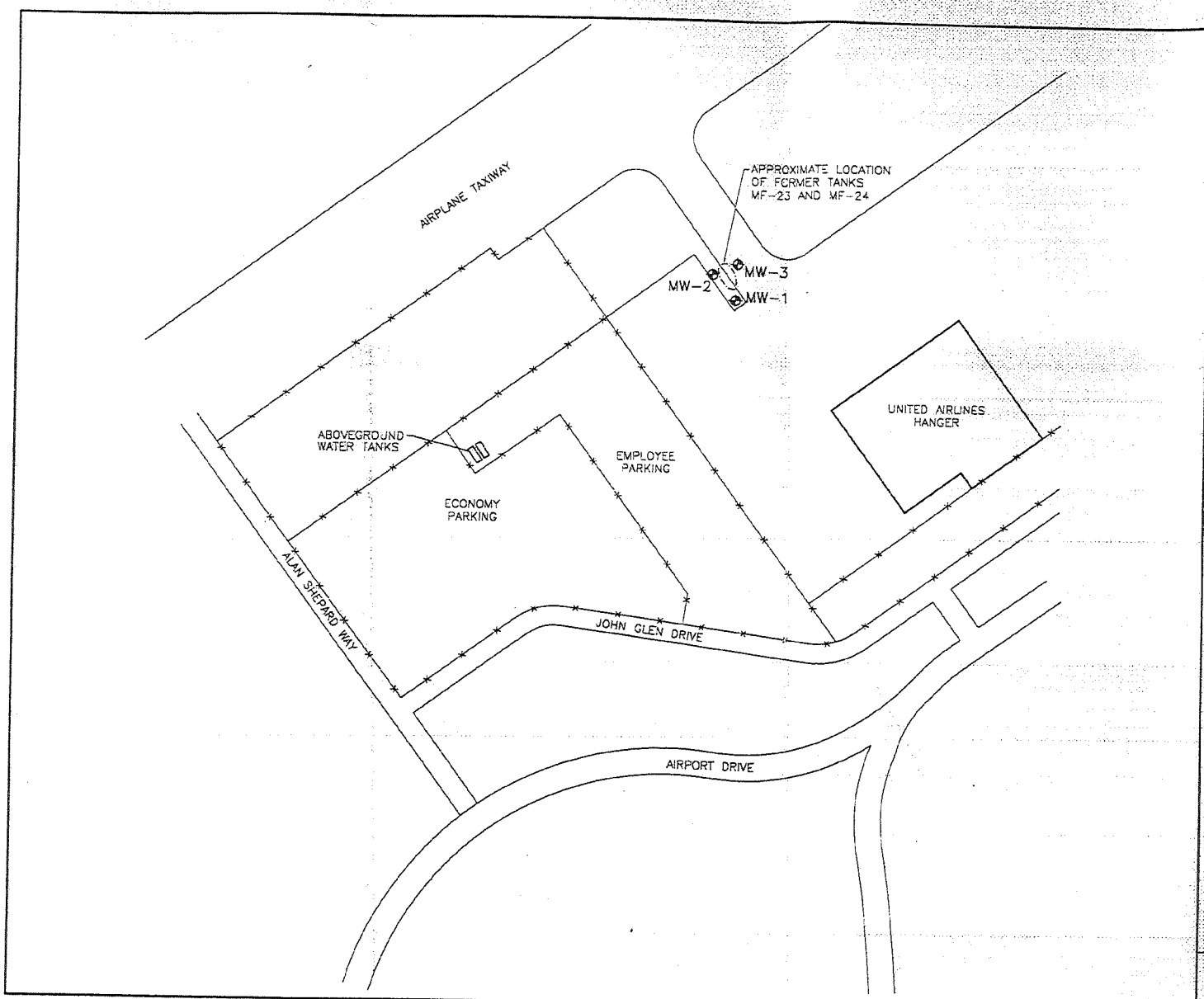
Alisto Engineering Group
1575 Treat Boulevard, Suite 201
Walnut Creek, California

July 27, 1995

Brady Nagle
Project Manager

Al Sevilla, P.E.
Principal

REGISTERED PROFESSIONAL ENGINEER
ALBERTO SANCHEZ SEVILLA
26362
Exp. Date 3/31/96
CIVIL
STATE OF CALIFORNIA



N

0 300 600

SCALE IN FEET

LEGEND

◆ GROUNDWATER MONITORING WELL

FIGURE 2

SITE PLAN

PORT OF OAKLAND,
OAKLAND INTERNATIONAL AIRPORT
UNITED AIRLINES HANGAR AREA–
TAXIWAY SITE
1100 AIRPORT DRIVE
OAKLAND, CALIFORNIA

PROJECT NO. 10-251

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

TABLE 1 - RESULTS OF SOIL SAMPLING
PORT OF OAKLAND, OAKLAND INTERNATIONAL AIRPORT
UNITED AIRLINES HANGAR AREA - TAXIWAY SITE
1100 AIRPORT DRIVE, OAKLAND, CALIFORNIA

ALISTO PROJECT NO. 10-251

SAMPLE ID	SAMPLE DEPTH (Feet)	DATE OF SAMPLING	TPH-G (mg/kg)	TPH-JF (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	LAB
MW-2	2.0 to 2.5	04/18/95	ND<0.3	ND<1 (a)	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC
MW-3	2.0 to 2.5	04/18/95	ND<0.3	ND<1 (a)	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC

ABBREVIATIONS:

TPH-G	Total petroleum hydrocarbons as gasoline using EPA Method 8015
TPH-JF	Total petroleum hydrocarbons as jet fuel using EPA Method 8015 (modified)
B	Benzene using EPA Method 8020
T	Toluene using EPA Method 8020
E	Ethylbenzene using EPA Method 8020
X	Total xylenes using EPA Method 8020
mg/kg	Milligrams per kilogram
ND	Not detected above reported detection limit
CEC	Clayton Environmental Consultants

NOTE:

(a) Result estimated by laboratory due to low matrix spike recoveries.

E:\0\10-251\SOIL.WQ1

TNK_R_1999-03-26.pdf

DOC 1071

REPORT ID# 101

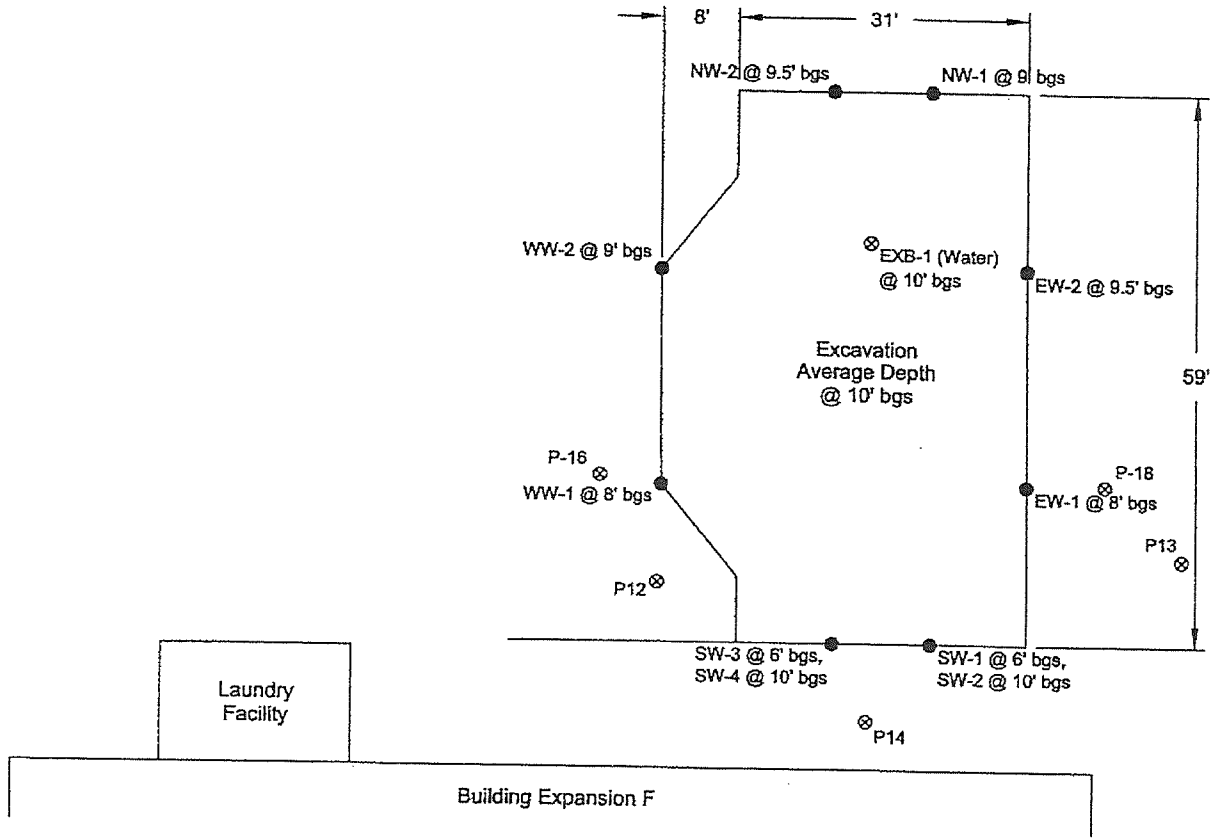
UNDERGROUND STORAGE TANKS CLOSURE REPORT

ENSR®

OAKLAND INT'L AIRPORT
UNITED AIRLINES BLDG. M-110
1100 Airport Drive
Oakland, California

March 1999

SM
UALMH
UST
3/26/99
12391



LEGEND

WW-1 @ 8' bgs — Soil Samples Collected by ENSR, January 1999

P13 — Geoprobe Locations by Burns & McDonnell, 1997

NORTH

0 10 20

FEET

ENSR.

FIGURE 4

OVER-EXCAVATION DETAIL

United Airlines
Oakland International Airport
Oakland, CA

DRAWN: J. Gierek	DATE: 2/23/99	PROJECT NO:	REV.
FILE: Ensr\6908\050\UAL_Plan3.dwg		6908-050-	

TABLE 1

ANALYTICAL RESULTS - SOIL SAMPLES

Oakland International Airport

United Airlines Building M-110

Sample ID	Date Collected	Total Petroleum Hydrocarbons		MTBE (µg/Kg)	Volatile Organic Compounds			
		Diesel (mg/kg)	Gasoline (mg/kg)		Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)
SW-1-6'	1/15/99	16,000	530	ND<100	1.9	0.71	0.74	1.9
SW-2-10'	1/15/99	ND	ND	49	ND	ND	ND	ND
SW-3-6'	1/15/99	ND	ND	5.5	ND	ND	ND	ND
SW-4-10'	1/15/99	ND	ND	ND	ND	ND	ND	ND
EW-1-8'	1/15/99	ND	2.4	7.8	0.65	0.033	0.12	0.13
EW-2-9.5'	1/18/99	ND	ND	22	ND	ND	ND	ND
WW-1-8'	1/15/99	ND	ND	ND	ND	ND	ND	ND
WW-2-9'	1/18/99	ND	ND	ND	ND	ND	ND	ND
NW-1-9'	1/18/99	ND	ND	ND	ND	ND	ND	ND
NW-2-9.5'	1/18/99	ND	ND	ND	ND	ND	ND	ND
Reporting Limit		1.0	1.0	5.0	0.005	0.005	0.005	0.005

Notes:

MTBE = Methyl tert-Butyl Ether, reported in micrograms per Kilogram (µg/Kg)

ND = Not Detected above laboratory reporting limit

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Attachment B

Petroleum Constituent Concentrations in Soil at UST Locations

TABLE B-1: SOIL QUALITY DATA FOR USTS MF 23/24 AND MF 35/36 BY DEPTH INTERVALS
Oakland Maintenance Center, 1100 Airport Drive, Oakland, California (mg/kg)

Sample Location	Sample Depth	Date Sampled	Benzene	Ethylbenzene	Naphthalene	Toluene	Total Xylene	TPH-d	TPH-d (sg)	TPH-g	TPH-Jet Fuel	TPH-mo
MF 23/24 Area												
Sample depth between 0 and 5 feet below the ground surface												
W-B-8	0.5	4/14/2003	<0.005|Q	<0.005|Q	<0.005|Q	<0.005|Q	**0.03|Q**	<50|Q	NA	**1.1|Q**	<50|Q	**390|Q**
W-B-8	2	4/14/2003	<0.005	<0.005	<0.005	<0.005	<0.01	<100|UJ	NA	<1|UJ	NA	NA
W-B-8	3	4/14/2003	<0.005|Q	<0.005|Q	<0.005|Q	<0.005|Q	<0.005|Q	**81|Q**	NA	**1.7|Q**	<50|Q	**700|Q**
MF 35/36 and Building M110 Area												
Sample depth between 0 and 5 feet below the ground surface												
ERM-B-11	2.5	4/17/2003	<0.005	<0.005	<0.005	<0.005	<0.01	<5	NA	<1	NA	NA
ERM-B-14	4.5	4/17/2003	<0.005	<0.005	<0.005	<0.005	<0.01	<20	NA	<1	NA	NA
W-B-3	0.5	4/14/2003	<0.005|Q	<0.005|Q	<0.005|Q	<0.005|Q	<0.005|Q	**10|Q**	NA	<1|Q	<5|Q	**93|Q**
W-B-3	3	4/14/2003	<0.005|Q	<0.005|Q	<0.005|Q	<0.005|Q	<0.005|Q	<1|Q	NA	<1|Q	<1|Q	<5|Q
W-B-3	3.5	4/14/2003	<0.005	<0.005	<0.005	<0.005	<0.01	<5	NA	<1	NA	NA
Sample depth between 5 and 10 feet below the ground surface												
ERM-B-11	6.5	4/17/2003	NA	NA	NA	NA	NA	<5	NA	NA	NA	NA
W-B-3	7	4/14/2003	NA	NA	NA	NA	NA	<1|Q	NA	<1|Q	<1|Q	<5|Q

Notes:
TPH-d = total petroleum hydrocarbon as diesel range organics
TPH-g = total petroleum hydrocarbon as gasoline range organics
TPH-jf = total petroleum hydrocarbon as jet fuel
TPH-mo = total petroleum hydrocarbon as motor oil range organics
Bolding indicates detected concentrations.
< = analyte was not detected at or above the laboratory reporting limit.
NA = not analyzed
Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

TABLE B-2a *(Portion of URS Table 2-8)*
Post 2002 Data Set - MF25/MF26 - Soil Results - TPH Concentrations in Soil from 0 to 5 Feet Interval

Sample Location	Sample Depth	Date Sampled	TPH-d		TPH-g	TPH-jf		TPH-mo	
	Gross Contamination Level (a)		110		500	110		500	
B-1-2	2	8/30/2011	**1.5**		<0.25	<0.98		<49	
B-1-4	4	8/30/2011	<0.99		<0.25	<0.99		<49	
B-2-2	2	8/30/2011	<0.99		<0.25	<0.99		<50	
B-2-4	4	8/30/2011	**2.5**		<0.24	<0.99		<49	
B-3-2	2	8/30/2011	**40**		**0.38**	**27**		<50	
B-3-4	4	8/30/2011	**5.4**		<0.24	**4.1**		<50	
B-4-2	2	8/30/2011	**19**		**770**	**17**		<50	
B-4-4	4	8/30/2011	**8.5**		**0.94**	**6.7**		<50	
B-5-2	2	8/30/2011	**7300**	J	**1800**	**7200**	J	<4900	UJ
B-5-4	4	8/30/2011	**11**		<0.23	**9.7**		<50	
B-6-2	2	8/30/2011	**4800**	J	**200**	**4700**	J	<2500	UJ
B-6-4	4	8/30/2011	**12000**	J	**2000**	**12000**	J	<5000	UJ
B-7-2	2	8/30/2011	**5.6**		<0.23	**1.1**		<50	
B-7-4	4	8/30/2011	**2.8**	Y	<0.23	**1.3**	Y	<50	
B-8-2	2	8/30/2011	**5**		<0.24	<1		<50	
B-8-4	4	8/30/2011	**2.1**		<0.24	<1		<50	
B-9-2	2	8/30/2011	**170**	J	<0.25	<9.9	UJ	**690**	J
B-9-4	4	8/30/2011	**77**		**6.7**	**64**		<50	
B-10-2	2	8/30/2011	**1300**	J	**1100**	**1400**	J	<1000	UJ
B-10-4	4	8/30/2011	**9.7**		**5.3**	**8.4**		<49	
B-11-2	2	8/30/2011	**4.2**	Y	<0.23	**3.5**	Y	<50	
B-11-4	4	8/30/2011	**2.1**	Y	<0.24	**1.6**	Y	<50	
B-12-2	2	8/30/2011	**1.3**		<0.23	<0.99		<49	
B-12-4	4	8/30/2011	**8.5**		<0.23	**3.5**		<50	
B-13-2	2	8/30/2011	**2400**	J	**220**	**2300**	J	<1000	UJ
B-13-4	4	8/30/2011	**7.1**		**17**	**4.1**		<50	

Notes
Yellow highlighting indicates an exceedance of the selected ESL.
Bolding indicates detected concentrations.
All units are in milligrams per kilogram (mg/kg).
Only analytes that have at least one detection are shown.
< = analyte was not detected at or above the laboratory method detection limit
TPH-d = total petroleum hydrocarbon as diesel range organics
TPH-g = total petroleum hydrocarbon as gasoline range organics
TPH-jf = total petroleum hydrocarbon as jet fuel
TPH-mo = total petroleum hydrocarbon as motor oil range organics

Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
Y = Sample exhibits chromatographic pattern which does not resemble standard

Footnotes
(a) Gross contamination screening level value is based on Table H-2 Components for Ceiling Levels in Shallow Soil (RWQCB 2013).

References
RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

TABLE B-2b *(Portion of URS Table 2-8)*
Post 2002 Data Set - MF25/MF26 - Soil Results - TPH Concentrations in Soil from 5 to 10 Feet Interval

Sample Location	Sample Depth	Date Sampled	TPH-d		TPH-g		TPH-jf		TPH-mo	
	Gross Contamination Level (a)		110		500		110		500	
B-1-6	6	8/30/2011	**1.1**		<0.24		<0.99		<50	
B-1-10	10	8/30/2011	<0.99		<0.24		<0.99		<50	
B-2-6	6	8/30/2011	<0.98		<0.24		<0.98		<49	
B-2-10.5	10.5	8/30/2011	**1.5**		<0.24		**1.6**		<50	
B-3-6	6	8/30/2011	**2.9**	Y	<0.24		**2.3**	Y	<50	
B-3-9.5	9.5	8/30/2011	**7.6**		<0.24		**5.1**		<49	
B-4-6	6	8/30/2011	**3.8**	Y	**0.38**		**3**	Y	<50	
B-4-9.5	9.5	8/30/2011	**11**		<0.23		**7.1**		<50	
B-5-6	6	8/30/2011	**12**		<0.23		**8.8**		<50	
B-5-9.5	9.5	8/30/2011	**7.4**	Y	<0.23		**5.2**	Y	<50	
B-6-6	6	8/30/2011	**70**		**18**		**57**		<49	
B-6-10	10	8/30/2011	**40**		<0.25		**11**		**71**	
B-7-6	6	8/30/2011	**1.5**		<0.24		<0.99		<50	
B-7-10	10	8/30/2011	**9.8**		<0.25		**2.3**		<50	
B-8-6	6	8/30/2011	**1.2**		<0.25		<1		<50	
B-8-11	11	8/30/2011	<0.99		<0.23		<0.99		<49	
B-9-6	6	8/30/2011	**11**		**1.4**		**8.8**		<50	
B-9-9	9	8/30/2011	**4400**	J	**1100**		**4400**	J	<2500	UJ
B-10-6	6	8/30/2011	**3.3**	Y	<0.25		**1.7**	Y	<49	
B-10-11	11	8/30/2011	**41**		<0.24		**8.6**		**69**	
B-11-6	6	8/30/2011	**22**		<0.24		**19**		<50	
B-11-9	9	8/30/2011	**7.1**		<0.24		**4.2**		<50	
B-12-6	6	8/30/2011	**5.6**		<0.24		**2.6**		<50	
B-12-9	9	8/30/2011	**2.3**		<0.23		**1.3**		<50	
B-13-6	6	8/30/2011	**9**	Y	<0.25		**7.3**	Y	<49	
B-13-9.5	9.5	8/30/2011	**8**	Y	<0.25		**5.6**	Y	<50	

Notes
Yellow highlighting indicates an exceedance of the selected ESL.
Bolding indicates detected concentrations.
All units are in milligrams per kilogram (mg/kg).
Only analytes that have at least one detection are shown.
< = analyte was not detected at or above the laboratory method detection limit
TPH-d = total petroleum hydrocarbon as diesel range organics
TPH-g = total petroleum hydrocarbon as gasoline range organics
TPH-jf = total petroleum hydrocarbon as jet fuel
TPH-mo = total petroleum hydrocarbon as motor oil range organics

Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
Y = Sample exhibits chromatographic pattern which does not resemble standard

Footnotes
(a) Gross contamination screening level value is based on Table H-2 Components for Ceiling Levels in Shallow Soil (RWQCB 2013).

References
RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

TABLE B-3a *(Portion of URS Table 2-9)*
Post 2002 Data Set - MF25/MF26 - Soil Results - VOC Concentrations in Soil from 0 to 5 Feet Interval

Sample Location	Sample Depth	Date Sampled	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone		cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Toluene	Total Xylene	Trichloroethene
	Gross Contaminant Level (a)		1000	1000	NS	NS	1000		500	400	NS	1000	NS	NS	NS	NS	650	420	1000
B-1-2	2	8/30/2011	<0.005	<0.005	<0.005	<0.005	<0.05		<0.005	<0.005	<0.005	<0.0099	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0099	<0.005
B-1-4	4	8/30/2011	<0.005	<0.005	<0.005	<0.005	<0.05		**0.0054**	<0.005	<0.005	<0.0099	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0099	<0.005
B-2-2	2	8/30/2011	<0.005	<0.005	<0.005	<0.005	<0.05		<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
B-2-4	4	8/30/2011	<0.0048	<0.0048	<0.0048	<0.0048	<0.048		<0.0048	<0.0048	<0.0048	<0.0097	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0097	<0.0048
B-3-2	2	8/30/2011	<0.0049	<0.0049	<0.0049	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	**0.013**	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049
B-3-4	4	8/30/2011	<0.0049	<0.0049	<0.0049	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	**0.014**	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0097	<0.0049
B-4-2	2	8/30/2011	<9.9	<9.9	**11**	<9.9	<99		<9.9	<9.9	<9.9	<20	<9.9	<9.9	<9.9	<9.9	<9.9	<20	<9.9
B-4-4	4	8/30/2011	<0.0049	<0.0049	**0.008**	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	**0.014**	**0.0056**	<0.0049	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049
B-5-2	2	8/30/2011	<4.9	<4.9	**48**	**18**	<49		<4.9	<4.9	<4.9	**21**	**17**	**7.3**	**6.2**	**6.7**	<4.9	**13**	<4.9
B-5-4	4	8/30/2011	<0.0047	<0.0047	**0.0062**	<0.0047	<0.047		<0.0047	<0.0047	<0.0047	<0.0094	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0094	<0.0047
B-6-2	2	8/30/2011	<0.48	<0.48	**3**	**1.1**	<4.8		<0.48	<0.48	<0.48	<0.97	**1.2**	**0.51**	**0.59**	**0.51**	<0.48	<0.97	<0.48
B-6-4	4	8/30/2011	<9.7	<9.7	**54**	**18**	<97		<9.7	**9.7**	<9.7	<19	**13**	<9.7	<9.7	<9.7	**17**	**50**	<9.7
B-7-2	2	8/30/2011	<0.0046	<0.0046	<0.0046	<0.0046	<0.046		<0.0046	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0092	<0.0046
B-7-4	4	8/30/2011	**0.0082**	<0.0046	<0.0046	<0.0046	<0.046		<0.0046	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0092	<0.0046
B-8-2	2	8/30/2011	<0.0049	<0.0049	<0.0049	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	<0.0097	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0097	<0.0049
B-8-4	4	8/30/2011	<0.0048	<0.0048	<0.0048	<0.0048	<0.048		<0.0048	<0.0048	<0.0048	<0.0095	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0095	<0.0048
B-9-2	2	8/30/2011	<0.0049	<0.0049	<0.0049	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	<0.0098	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049
B-9-4	4	8/30/2011	<0.024	<0.024	<0.024	<0.024	<0.24		<0.024	<0.024	<0.024	<0.049	**0.027**	<0.024	<0.024	<0.024	<0.024	<0.049	<0.024
B-10-2	2	8/30/2011	<0.47	<0.47	**17**	**8.2**	<4.7		<0.47	**2.4**	**1.5**	**8.2**	**6.1**	**3.4**	**3.1**	**2.6**	<0.47	**10**	<0.47
B-10-4	4	8/30/2011	<0.022	<0.022	**0.1**	**0.034**	**0.4**		<0.022	<0.022	<0.022	**0.045**	**0.031**	<0.022	<0.022	<0.022	<0.022	<0.043	<0.022
B-11-2	2	8/30/2011	<0.0046	<0.0046	<0.0046	<0.0046	<0.046		<0.0046	<0.0046	<0.0046	<0.0091	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0091	<0.0046
B-11-4	4	8/30/2011	<0.0047	<0.0047	<0.0047	<0.0047	<0.047		<0.0047	<0.0047	<0.0047	<0.0094	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0094	<0.0047
B-12-2	2	8/30/2011	<0.0046	<0.0046	<0.0046	<0.0046	<0.046		<0.0046	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0092	<0.0046
B-12-4	4	8/30/2011	<0.0047	<0.0047	<0.0047	<0.0047	<0.047		<0.0047	<0.0047	<0.0047	<0.0094	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0094	<0.0047
B-13-2	2	8/30/2011	<0.48	<0.48	**3.9**	**1.4**	<4.8		<0.48	<0.48	<0.48	**2.5**	**2**	**0.71**	**0.69**	**0.78**	<0.48	<0.96	<0.48
B-13-4	4	8/30/2011	<0.025	<0.025	**0.58**	**0.21**	<0.25	UJ	<0.025	**0.029**	**0.031**	**0.26**	**0.22**	**0.093**	**0.085**	**0.086**	<0.025	**0.12**	<0.025

Notes

Bolding indicates detected concentrations.

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

Only analytes that have at least one detection are shown.

< = analyte was not detected at or above the laboratory method detection limit

NS = no standard

Footnotes

(a) Gross contamination screening level value is based on Table H-2 Components for Ceiling Levels in Shallow Soil (RWQCB 2013).

Qualifiers

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

TABLE B-3b *(Portion of URS Table 2-9)*

Post 2002 Data Set - MF25/MF26 - Soil Results - VOC Concentrations in Soil from 5 to 10 Feet Interval

Sample Location	Sample Depth	Date Sampled	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone		cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Toluene	Total Xylene	Trichloroethene
	Gross Contaminant Level (a)		1000	1000	NS	NS	1000		500	400	NS	1000	NS	NS	NS	NS	650	420	1000
B-1-6	6	8/30/2011	<0.0047	<0.0047	<0.0047	<0.0047	<0.047		**0.0099**	<0.0047	<0.0047	<0.0094	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0094	<0.0047
B-1-10	10	8/30/2011	**0.014**	**0.0052**	<0.0047	<0.0047	<0.047		<0.0047	<0.0047	<0.0047	<0.0095	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0095	<0.0047
B-2-6	6	8/30/2011	<0.0049	<0.0049	<0.0049	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	<0.0098	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049
B-2-10.5	10.5	8/30/2011	<0.0047	<0.0047	<0.0047	<0.0047	<0.047		<0.0047	<0.0047	<0.0047	<0.0095	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0095	<0.0047
B-3-6	6	8/30/2011	<0.0048	<0.0048	<0.0048	<0.0048	<0.048		<0.0048	<0.0048	<0.0048	<0.0096	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0096	<0.0048
B-3-9.5	9.5	8/30/2011	<0.0049	<0.0049	<0.0049	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	<0.0098	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049
B-4-6	6	8/30/2011	<0.0049	<0.0049	<0.0049	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	<0.0098	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049
B-4-9.5	9.5	8/30/2011	<0.0047	<0.0047	<0.0047	<0.0047	<0.047		<0.0047	<0.0047	<0.0047	<0.0093	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0093	<0.0047
B-5-6	6	8/30/2011	<0.0046	<0.0046	<0.0046	<0.0046	<0.046		<0.0046	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0092	<0.0046
B-5-9.5	9.5	8/30/2011	<0.0047	<0.0047	<0.0047	<0.0047	<0.047		<0.0047	<0.0047	<0.0047	<0.0094	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0094	<0.0047
B-6-6	6	8/30/2011	<0.024	<0.024	**0.15**	**0.045**	<0.24	UJ	<0.024	<0.024	<0.024	**0.11**	**0.071**	<0.024	<0.024	<0.024	<0.024	<0.048	<0.024
B-6-10	10	8/30/2011	<0.005	<0.005	<0.005	<0.005	<0.05		<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
B-7-6	6	8/30/2011	**0.016**	**0.028**	<0.0049	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	<0.0097	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0097	<0.0049
B-7-10	10	8/30/2011	**0.035**	**0.013**	<0.0047	<0.0047	<0.047		<0.0047	<0.0047	<0.0047	<0.0095	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0095	<0.0047
B-8-6	6	8/30/2011	<0.005	<0.005	<0.005	<0.005	<0.05		<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	**0.0057**
B-8-11	11	8/30/2011	<0.0046	<0.0046	<0.0046	<0.0046	<0.046		<0.0046	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0092	<0.0046
B-9-6	6	8/30/2011	<0.023	<0.023	<0.023	<0.023	<0.23		<0.023	<0.023	<0.023	<0.046	<0.023	<0.023	<0.023	<0.023	<0.023	<0.046	<0.023
B-9-9	9	8/30/2011	<0.48	<0.48	**17**	**7.1**	<4.8		<0.48	**2.8**	**1.5**	**6.9**	**6**	**3.6**	**2.2**	**2.4**	<0.48	**12**	<0.48
B-10-6	6	8/30/2011	**0.0094**	<0.005	<0.005	<0.005	<0.05		<0.005	<0.005	<0.005	<0.0099	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0099	<0.005
B-10-11	11	8/30/2011	**0.015**	**0.018**	<0.0049	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	<0.0097	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0097	<0.0049
B-11-6	6	8/30/2011	<0.0049	<0.0049	<0.0049	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	<0.0097	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0097	<0.0049
B-11-9	9	8/30/2011	<0.0048	<0.0048	<0.0048	<0.0048	<0.048		<0.0048	<0.0048	<0.0048	<0.0095	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0095	<0.0048
B-12-6	6	8/30/2011	**0.016**	**0.033**	<0.0048	<0.0048	<0.048		<0.0048	<0.0048	<0.0048	<0.0095	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0095	<0.0048
B-12-9	9	8/30/2011	**0.011**	**0.026**	<0.0046	<0.0046	<0.046		<0.0046	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0092	<0.0046
B-13-6	6	8/30/2011	<0.0049	<0.0049	<0.0049	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	<0.0099	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0099	<0.0049
B-13-9.5	9.5	8/30/2011	**0.0082**	<0.0049	<0.0049	<0.0049	<0.049		<0.0049	<0.0049	<0.0049	<0.0099	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0099	<0.0049

Notes

Bolding indicates detected concentrations.

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

Only analytes that have at least one detection are shown.

< = analyte was not detected at or above the laboratory method detection limit

NS = no standard

Footnotes

(a) Gross contamination screening level value is based on Table H-2 Components for Ceiling Levels in Shallow Soil (RWQCB 2013).

Qualifiers

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary tc accurately and precisely measure the analyte in the sample.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Attachment C

Benzene Concentrations in Groundwater from 2003 Onward

TABLE C-1: BENZENE CONCENTRATIONS IN GROUNDWATER SAMPLES COLLECTED SINCE 2003
Oakland Maintenance Center, 1100 Airport Drive, Oakland, California (μg/L)

Sample Location	Date Sampled	Benzene
MF 23/24 Area		
ERM-MW-06	5/9/2003	<0.5
ERM-MW-06	11/6/2003	<0.5
ERM-MW-06	6/27/2006	<0.5|UJ
W-B-8	4/14/2003	<0.5|Q
W-B-8 (c)	4/14/2003	<0.5
MF 25/26 Area		
MW-1	6/30/2006	<0.5
MW-1	8/23/2011	**1.9**
MW-2	6/30/2006	**27**
MW-2	8/23/2011	**11**
MW-3	6/30/2006	**34**
MW-3	8/23/2011	**20**
MW-4	6/30/2006	**5.9**
MW-4	8/23/2011	**13**
MW-4 (Dup)	8/23/2011	**14**
MW-5	6/30/2006	<0.5
MW-5 (Dup)	6/30/2006	<0.5
MW-5	8/23/2011	<0.5
MW-6	6/30/2006	<0.5
MW-6	8/23/2011	<0.5
MW-7	6/30/2006	<0.5
MW-7	8/23/2011	<0.5
MW-8	6/30/2006	<0.5
MW-8	8/23/2011	**0.5**
MF 35/36 and Building M110 Area		
UAL-MW-1	4/15/2003	<0.5|Q
UAL-MW-1	4/18/2003	<0.5|Q
UAL-MW-01	6/27/2006	<0.5|UJ
UAL-MW-2	4/15/2003	<0.5|Q
UAL-MW-2	4/18/2003	<0.5|Q
UAL-MW-02	6/27/2006	<0.5|UJ
UAL-MW-3	4/15/2003	<0.5|Q
UAL-MW-3	4/18/2003	<0.5|Q
UAL-MW-3	11/7/2003	<0.5|Q
UAL-MW-03	6/27/2006	<0.5|UJ
P-1/UAL-MW-4	4/18/2003	<0.5
P-1/UAL-MW-4	4/22/2003	<1.2|Q
P-1/UAL-MW-4	6/27/2006	<0.5|UJ
ERM-MW-03	5/9/2003	<0.5

TABLE C-1: BENZENE CONCENTRATIONS IN GROUNDWATER SAMPLES COLLECTED SINCE 2003
Oakland Maintenance Center, 1100 Airport Drive, Oakland, California (μg/L)

Sample Location	Date Sampled	Benzene
ERM-MW-03	11/6/2003	<0.5|Q
ERM-MW-03D	11/6/2003	<0.5|Q
ERM-MW-03	6/27/2006	<0.5|UJ
ERM-MW-04	5/9/2003	<0.5
ERM-MW-04	11/7/2003	<0.5|Q
ERM-MW-04	6/27/2006	<0.5|UJ
ERM-MW-11	12/30/2003	<0.5
ERM-MW-11	6/27/2006	<0.5|UJ
ERM-B-10	4/17/2003	<0.5
ERM-B-11	4/17/2003	<0.5
W-B-1	4/14/2003	<2.5|Q
W-B-2	4/14/2003	<0.5
W-B-2	4/14/2003	<2.5
W-B-3	4/15/2003	<0.5
W-B-3	4/15/2003	<2.5
ERM-B-14	4/17/2003	<0.5
ERM-B-14	4/17/2003	<0.5
ERM-B-14D	4/17/2003	<0.5

Notes

Bolding indicates detected concentrations.

< = analyte was not detected at or above the laboratory reporting limit.

Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Attachment D

Well and Groundwater Elevation Information

TABLE D-1: WELL CONSTRUCTION DETAILS
Oakland Maintenance Center, 1100 Airport Drive, Oakland, California

Well	Date Installed	Northing (feet)	Easting (feet)	Ground Surface Elevation (POO Datum)	Top of Casing (feet POO Datum)	Total Borehole Depth (feet)	Total Well Depth (feet)	Well Diameter (inches)	Borehole Diameter (inches)	Well Material	Top of Grouted Interval (feet)	Bottom of Grouted Interval (feet)	Top of Bentonite Seal Interval (feet)	Bottom of Bentonite Seal Interval (feet)	Top of Sand Pack Interval (feet)	Bottom of Sand Pack Interval (feet)	Top of Screened Interval (feet)	Bottom of Screened Interval (feet)
MF 23/24 Area																		
MW-1 [1]	5/13/1992	2,088,625.1	6,066,628.8	8.00	7.35	12.0	12.0	2.0	8.0	PVC	0.0	5.0	5.0	6.0	6.0	12.0	7.0	12.0
MW-2 [1]	4/18/1995	2,088,679.7	6,066,587.2	7.90	7.66	15.0	11.0	2.0	8.0	PVC	--	--	0.0	1.0	1.0	15.0	1.5	11.0
MW-3 [1]	4/18/1995	2,088,717.4	6,066,631.7	8.40	8.12	15.5	15.0	2.0	8.0	PVC	--	--	0.0	1.0	1.0	15.5	2.0	15.0
ERM-MW-6	5/7/2003	2,088,659.6	6,066,590.9	6.91	8.91	14.0	12.5	1.0	5.75	PVC	0.0	2.0	2.0	2.5	2.5	12.5	2.5	12.5
ERM-MW-7	5/7/2003	2,088,534.4	6,066,537.3	6.45	6.16	14.0	14.0	1.0	5.75	PVC	0.0	2.0	2.0	3.0	3.0	14.0	4.0	14.0
ERM-MW-8	5/7/2003	2,088,588.3	6,066,464.0	5.96	5.46	13.5	13.5	1.0	5.75	PVC	0.0	2.0	2.0	2.5	2.5	13.5	3.5	13.5
ERM-MW-9	5/7/2003	2,088,637.7	6,066,426.9	5.73	5.49	13.5	13.5	1.0	5.75	PVC	0.0	2.0	2.0	2.5	2.5	13.5	3.5	13.5
ERM-MW-10	5/8/2003	2,088,726.1	6,066,492.2	5.27	7.54	12.0	10.0	1.0	7.0	PVC	0.0	2.0	2.0	2.5	2.5	10.0	3.0	10.0
ERM-MW-15	12/19/2003	2,088,720.5	6,066,389.8	6.06	7.99	12.5	12.5	2.0	8.0	PVC	0.0	0.5	0.5	1.5	1.5	12.5	2.5	12.5
ERM-MW-16	12/19/2003	2,088,553.7	6,066,396.4	5.98	5.77	12.5	12.5	2.0	8.0	PVC	0.0	0.5	0.5	1.5	1.5	12.5	2.5	12.5
ERM-MW-17	12/19/2003	2,088,442.2	6,066,483.9	6.41	5.96	12.5	12.5	2.0	8.0	PVC	0.0	0.5	0.5	1.5	1.5	12.5	2.5	12.5
MF 25/26 Area																		
MW-1	5/13/1992	2,088,031.4	6,066,545.0	7.30	6.91	12.0	12.0	2.0	8.0	PVC	0.0	5.0	5.0	6.0	6.0	12.0	7.0	12.0
MW-2	4/19/1995	2,088,048.2	6,066,513.6	6.90	6.58	11.5	11.0	2.0	8.0	PVC	--	--	0.0	1.0	1.0	11.5	1.5	11.0
MW-3	4/19/1995	2,088,089.2	6,066,530.3	7.60	7.36	11.5	11.0	2.0	8.0	PVC	--	--	0.0	1.0	1.0	11.5	1.5	11.0
MW-4 [2]	5/6/1998	2,088,058	6,066,539	7.30	6.92	11.5	10.0	4.0	12.0	PVC	0.0	1.3	1.3	1.5	1.5	10.0	2.0	10.0
MW-5 [2]	5/6/1998	2,088,063	6,066,432	6.30	5.79	10.0	8.0	2.0	8.0	PVC	0.0	1.3	1.3	1.5	1.5	8.0	2.0	8.0
MW-6 [2]	5/6/1998	2,087,997	6,066,447	6.90	6.39	9.0	8.0	2.0	8.0	PVC	0.0	1.3	1.3	1.5	1.5	8.0	2.0	8.0
MW-7 [2]	5/6/1998	2,087,959	6,066,501	6.50	5.86	9.0	8.5	2.0	8.0	PVC	0.0	1.3	1.3	1.5	1.5	8.5	2.0	8.5
MW-8 [2]	5/6/1998	2,088,164	6,066,579	7.85	7.56	10.5	9.5	2.0	8.0	PVC	0.0	1.3	1.3	1.5	1.5	9.5	2.0	9.5
MF 35/36 and Building M110 Area																		
UAL-MW-1	7/21/1999	2,088,683.0	6,067,089.1	9.07	8.71	25.0	24.0	4.0	9.0	PVC	0.0	2.0	2.0	3.0	3.0	25.0	4.0	24.0
UAL-MW-2	7/21/1999	2,088,595.3	6,067,117.5	10.39	10.10	24.0	24.0	4.0	9.0	PVC	0.0	2.0	2.0	3.0	3.0	24.0	4.0	24.0
UAL-MW-3	7/21/1999	2,088,581.7	6,067,162.7	10.69	10.32	24.0	24.0	4.0	9.0	PVC	0.0	2.0	2.0	3.0	3.0	24.0	4.0	24.0
UAL-MW-4 [3]	Unknown	2,088,614.7	6,067,157.1	10.15	10.05	Unknown	37.5	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
UAL-MW-5 [3]	Unknown	2,088,437.1	6,066,979.2	9.50	9.38	Unknown	15.0	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
ERM-MW-1	5/8/2003	2,088,493.7	6,067,058.5	10.65	10.39	16.7	16.0	1.0	7.0	PVC	0.0	4.0	4.0	5.0	5.0	16.7	6.0	16.0
ERM-MW-2	5/8/2003	2,088,478.3	6,067,028.6	10.14	9.85	17.0	17.0	1.0	7.0	PVC	0.0	5.0	5.0	6.0	6.0	17.0	7.0	16.5
ERM-MW-3	5/9/2003	2,088,533.8	6,067,033.2	10.20	9.79	16.5	15.0	1.0	7.0	PVC	0.0	3.0	3.0	4.0	4.0	16.5	5.0	15.0
ERM-MW-4	5/9/2003	2,088,529.4	6,067,099.2	10.71	10.50	16.5	16.0	1.0	7.0	PVC	0.0	4.0	4.0	5.0	5.0	16.5	6.0	16.0
ERM-MW-5	5/8/2003	2,088,428.9	6,067,079.1	10.12	9.85	15.0	14.0	1.0	7.0	PVC	0.0	2.0	2.0	3.0	3.0	14.0	4.0	14.0

TABLE D-1: WELL CONSTRUCTION DETAILS
Oakland Maintenance Center, 1100 Airport Drive, Oakland, California

Well	Date Installed	Northing (feet)	Easting (feet)	Ground Surface Elevation (POO Datum)	Top of Casing (feet POO Datum)	Total Borehole Depth (feet)	Total Well Depth (feet)	Well Diameter (inches)	Borehole Diameter (inches)	Well Material	Top of Grouted Interval (feet)	Bottom of Grouted Interval (feet)	Top of Bentonite Seal Interval (feet)	Bottom of Bentonite Seal Interval (feet)	Top of Sand Pack Interval (feet)	Bottom of Sand Pack Interval (feet)	Top of Screened Interval (feet)	Bottom of Screened Interval (feet)
ERM-MW-11	12/19/2003	2,088,558.1	6,066,998.8	9.69	9.31	15.0	15.0	2.0	8.0	PVC	0.0	3.0	3.0	4.0	4.0	15.0	5.0	15.0
ERM-MW-12	12/19/2003	2,088,338.8	6,067,060.7	9.30	8.93	15.0	15.0	2.0	8.0	PVC	0.0	3.0	3.0	4.0	4.0	15.0	5.0	15.0
ERM-MW-13	12/19/2003	2,088,432.3	6,067,166.1	10.67	10.36	15.0	15.0	2.0	8.0	PVC	0.0	3.0	3.0	4.0	4.0	15.0	5.0	15.0
ERM-MW-14	12/19/2003	2,088,354.3	6,067,142.8	10.15	9.71	15.0	15.0	2.0	8.0	PVC	0.0	3.0	3.0	4.0	4.0	15.0	5.0	15.0

NOTES:

Coordinates are in NAD83, State Plane, California Zone 3.

POO Datum = Port of Oakland datum which is 0.50 feet below the NAVD88 datum.

NAVD88 = North American Vertical Datum of 1988.

-- = None.

PVC= polyvinylchloride.

[1] Well was destroyed in 1997 after No Further Action was issued by DEH for MF 23/24.

[2] Coordinates are estimated.

[3] The Port has no information regarding the construction of this well. Well depth was determined by measurement.

TABLE D-2: GROUNDWATER LEVEL MEASURMENTS FROM 2003 ONWARD (#)
Oakland Maintenance Center, 1100 Airport Drive, Oakland, California

Well	Date Sampled	Top of Casing Elevation (feet POO)	Depth to Water (feet bgs)	Groundwater Elevation (feet POO)	Top of Screened Interval (feet bgs)
MF 23/24 Area					
MW-1	4/25/1995	7.35	2.30 *	5.05	7
MW-1	8/11/1995	7.35	3.32 *	4.03	7
MW-1	11/3/1995	7.35	3.98 *	3.37	7
MW-1	6/19/1996	7.35	3.20 *	4.15	7
MW-2	4/25/1995	7.66	2.68	4.98	1.5
MW-2	8/11/1995	7.66	3.62	4.04	1.5
MW-2	11/3/1995	7.66	4.24	3.42	1.5
MW-2	6/19/1996	7.66	3.41	4.25	1.5
MW-3	4/25/1995	8.12	3.08	5.04	2
MW-3	8/11/1995	8.12	4.04	4.08	2
MW-3	11/3/1995	8.12	4.75	3.37	2
MW-3	6/19/1996	8.12	3.87	4.25	2
ERM-MW-6	5/9/2003	8.91	4.99	3.92	2.5
ERM-MW-6	11/6/2003	8.91	7.15	1.76	2.5
ERM-MW-6	12/8/2003	8.91	6.01	2.90	2.5
ERM-MW-6	1/12/2004	8.91	4.99	3.92	2.5
ERM-MW-6	6/27/2006	8.91	5.69	3.22	2.5
ERM-MW-7	5/9/2003	6.16	2.25 *	3.91	4
ERM-MW-7	11/6/2003	6.16	4.20	1.96	4
ERM-MW-7	12/8/2003	6.16	3.48 *	2.68	4
ERM-MW-7	1/12/2004	6.16	2.59 *	3.57	4
ERM-MW-7	6/26/2006	6.16	2.67 *	3.49	4
ERM-MW-8	5/9/2003	5.46	1.79 *	3.67	3.5
ERM-MW-8	11/6/2003	5.46	3.65	1.81	3.5
ERM-MW-8	12/8/2003	5.46	2.90 *	2.56	3.5
ERM-MW-8	1/12/2004	5.46	1.82 *	3.64	3.5
ERM-MW-8	6/26/2006	5.46	2.31 *	3.15	3.5
ERM-MW-9	5/9/2003	5.49	2.05 *	3.44	3.5
ERM-MW-9	11/6/2003	5.49	3.80	1.69	3.5
ERM-MW-9	12/8/2003	5.49	3.69	1.80	3.5
ERM-MW-9	1/12/2004	5.49	1.81 *	3.68	3.5
ERM-MW-9	6/26/2006	5.49	2.64 *	2.85	3.5
ERM-MW-10	5/9/2003	7.54	4.00	3.54	3
ERM-MW-10	11/6/2003	7.54	5.70	1.84	3
ERM-MW-10	12/8/2003	7.54	4.60	2.94	3
ERM-MW-10	1/12/2004	7.54	3.82	3.72	3
ERM-MW-10	6/26/2006	7.54	4.76	2.78	3

TABLE D-2: GROUNDWATER LEVEL MEASURMENTS FROM 2003 ONWARD (#)
Oakland Maintenance Center, 1100 Airport Drive, Oakland, California

Well	Date Sampled	Top of Casing Elevation (feet POO)	Depth to Water (feet bgs)	Groundwater Elevation (feet POO)	Top of Screened Interval (feet bgs)
ERM-MW-15	1/12/2004	7.99	4.65	3.34	2.5
ERM-MW-15	6/26/2006	7.99	5.36	2.63	2.5
ERM-MW-16	1/12/2004	5.77	2.24 *	3.53	2.5
ERM-MW-16	6/26/2006	5.77	2.85	2.92	2.5
ERM-MW-17	1/12/2004	5.96	2.53	3.43	2.5
ERM-MW-17	6/26/2006	5.96	2.51	3.45	2.5
MF 25/26 Area					
MW-1	12/8/2003	6.91	3.64 *	3.27	7
MW-1	1/12/2004	6.91	3.45 *	3.46	7
MW-1	7/11/2006	6.91	2.69 *	4.22	7
MW-1	8/3/2006	6.91	2.86 *	4.05	7
MW-1	8/23/2011	6.91	2.44 *	4.47	7
MW-2	1/12/2004	6.58	3.21	3.37	1.5
MW-2	7/11/2006	6.58	2.50	4.08	1.5
MW-2	8/3/2006	6.58	2.70	3.88	1.5
MW-2	8/23/2011	6.58	2.43	4.15	1.5
MW-3	12/8/2003	7.36	3.18	4.18	1.5
MW-3	1/12/2004	7.36	2.69	4.67	1.5
MW-3	7/11/2006	7.36	3.02	4.34	1.5
MW-3	8/3/2006	7.36	3.27	4.09	1.5
MW-3	8/23/2011	7.36	2.94	4.42	1.5
MW-4	12/8/2003	6.92	3.05	3.87	2
MW-4	1/12/2004	6.92	2.28	4.64	2
MW-4	7/11/2006	6.92	2.61	4.31	2
MW-4	8/3/2006	6.92	2.86	4.06	2
MW-4	8/23/2011	6.92	2.43	4.49	2
MW-5	1/12/2004	5.79	1.67 *	4.12	2
MW-5	7/11/2006	5.79	2.11	3.68	2
MW-5	8/3/2006	5.79	3.28	2.51	2
MW-5	8/23/2011	5.79	2.16	3.63	2
MW-6	1/12/2004	6.39	2.46	3.93	2
MW-6	7/11/2006	6.39	2.79	3.60	2
MW-6	8/3/2006	6.39	2.91	3.48	2
MW-6	8/23/2011	6.39	2.78	3.61	2
MW-7	1/12/2004	5.86	2.29	3.57	2
MW-7	7/11/2006	5.86	2.46	3.40	2

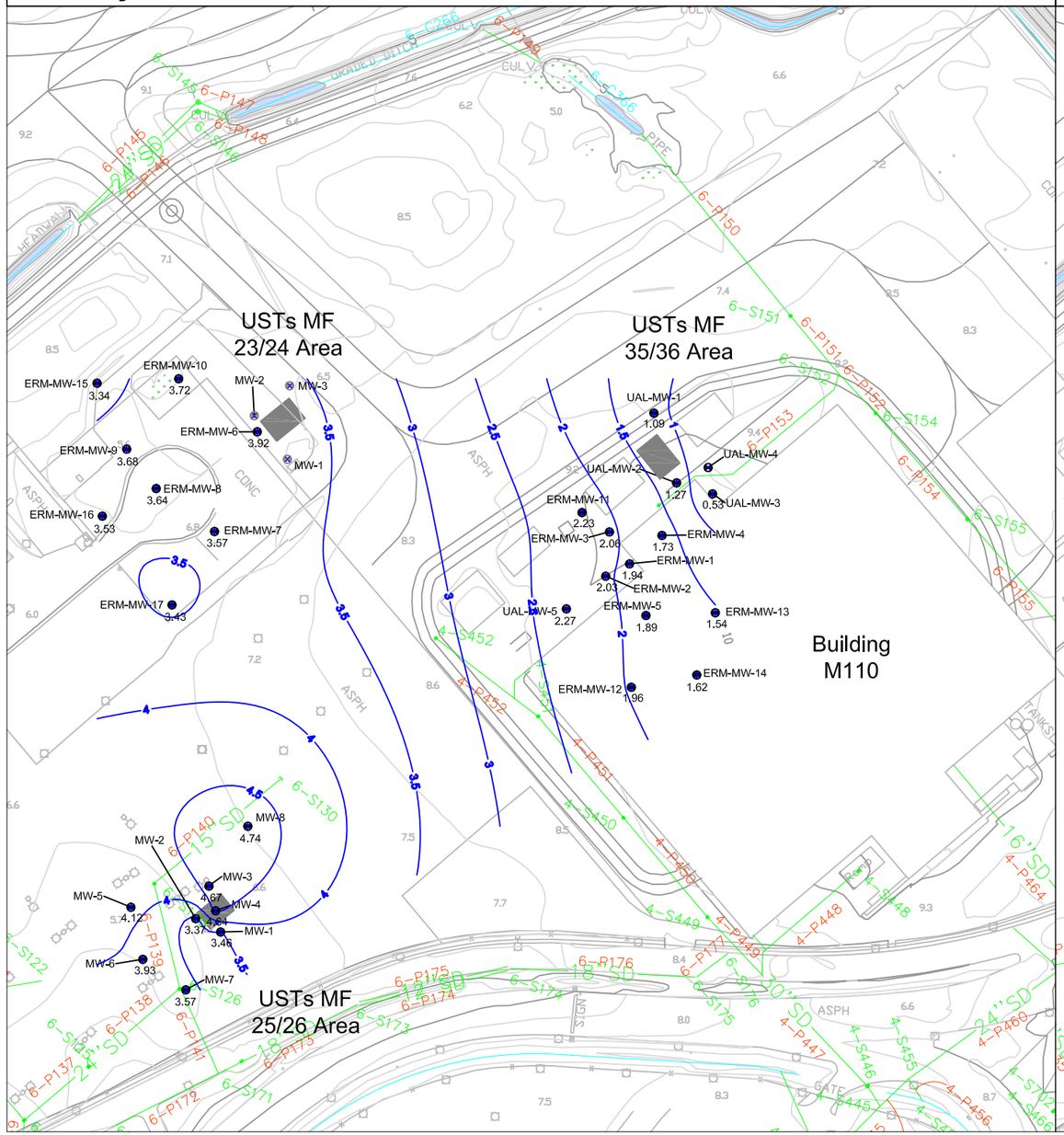
TABLE D-2: GROUNDWATER LEVEL MEASURMENTS FROM 2003 ONWARD (#)
Oakland Maintenance Center, 1100 Airport Drive, Oakland, California

Well	Date Sampled	Top of Casing Elevation (feet POO)	Depth to Water (feet bgs)	Groundwater Elevation (feet POO)	Top of Screened Interval (feet bgs)
MW-7	8/3/2006	5.86	3.92	1.94	2
MW-7	8/23/2011	5.86	2.35	3.51	2
MW-8	12/8/2003	7.56	3.50	4.06	2
MW-8	1/12/2004	7.56	2.82	4.74	2
MW-8	7/11/2006	7.56	3.19	4.37	2
MW-8	8/3/2006	7.56	3.42	4.14	2
MW-8	8/23/2011	7.56	3.07	4.49	2
MF 35/36 and Building M110 Area					
UAL-MW-1	4/18/2003	8.71	11.69	(2.98)	4
UAL-MW-1	11/6/2003	8.71	8.55	0.16	4
UAL-MW-1	12/8/2003	8.71	8.20	0.51	4
UAL-MW-1	1/12/2004	8.71	7.62	1.09	4
UAL-MW-1	6/26/2006	8.71	6.26	2.45	4
UAL-MW-2	4/18/2003	10.10	12.32	(2.22)	4
UAL-MW-2	11/6/2003	10.10	9.57	0.53	4
UAL-MW-2	12/8/2003	10.10	9.35	0.75	4
UAL-MW-2	1/12/2004	10.10	8.83	1.27	4
UAL-MW-2	6/26/2006	10.10	7.57	2.53	4
UAL-MW-3	4/18/2003	10.32	14.15	(3.83)	4
UAL-MW-3	11/6/2003	10.32	11.30	(0.98)	4
UAL-MW-3	12/8/2003	10.32	10.58	(0.26)	4
UAL-MW-3	1/12/2004	10.32	9.79	0.53	4
UAL-MW-3	6/26/2006	10.32	8.05	2.27	4
UAL-MW-4	4/18/2003	10.05	15.80	(5.75)	Unknown
UAL-MW-4	11/6/2003	10.05	12.30	(2.25)	Unknown
UAL-MW-4	12/8/2003	10.05	11.36	(1.31)	Unknown
UAL-MW-4	1/12/2004	10.05	12.46	(2.41)	Unknown
UAL-MW-4	6/26/2006	10.05	10.36	(0.31)	Unknown
UAL-MW-5	4/18/2003	9.38	7.10	2.28	Unknown
UAL-MW-5	11/6/2003	9.38	7.45	1.93	Unknown
UAL-MW-5	12/8/2003	9.38	7.37	2.01	Unknown
UAL-MW-5	1/12/2004	9.38	7.11	2.27	Unknown
UAL-MW-5	6/26/2006	9.38	5.88	3.50	Unknown
ERM-MW-1	5/9/2003	10.39	8.62	1.77	6
ERM-MW-1	11/6/2003	10.39	9.90	0.49	6
ERM-MW-1	12/8/2003	10.39	8.77	1.62	6
ERM-MW-1	1/12/2004	10.39	8.45	1.94	6
ERM-MW-1	6/26/2006	10.39	7.13	3.26	6

TABLE D-2: GROUNDWATER LEVEL MEASURMENTS FROM 2003 ONWARD (#)
Oakland Maintenance Center, 1100 Airport Drive, Oakland, California

Well	Date Sampled	Top of Casing Elevation (feet POO)	Depth to Water (feet bgs)	Groundwater Elevation (feet POO)	Top of Screened Interval (feet bgs)
ERM-MW-2	5/9/2003	9.85	7.80	2.05	7
ERM-MW-2	11/6/2003	9.85	8.30	1.55	7
ERM-MW-2	12/8/2003	9.85	8.13	1.72	7
ERM-MW-2	1/12/2004	9.85	7.82	2.03	7
ERM-MW-2	6/26/2006	9.85	6.53 *	3.32	7
ERM-MW-3	5/9/2003	9.79	7.80	1.99	5
ERM-MW-3	11/6/2003	9.79	8.30	1.49	5
ERM-MW-3	12/8/2003	9.79	8.10	1.69	5
ERM-MW-3	1/12/2004	9.79	7.73	2.06	5
ERM-MW-3	6/26/2006	9.79	6.43	3.36	5
ERM-MW-4	5/9/2003	10.50	8.80	1.70	6
ERM-MW-4	11/6/2003	10.50	9.10	1.40	6
ERM-MW-4	12/8/2003	10.50	9.01	1.49	6
ERM-MW-4	1/12/2004	10.50	8.77	1.73	6
ERM-MW-4	6/26/2006	10.50	7.45	3.05	6
ERM-MW-5	5/9/2003	9.85	7.97	1.88	4
ERM-MW-5	11/7/2003	9.85	8.15	1.70	4
ERM-MW-5	12/8/2003	9.85	8.15	1.70	4
ERM-MW-5	1/12/2004	9.85	7.96	1.89	4
ERM-MW-5	6/26/2006	9.85	6.57	3.28	4
ERM-MW-11	1/12/2004	9.31	7.08	2.23	5
ERM-MW-11	6/26/2006	9.31	8.82 **	0.49	5
ERM-MW-12	1/12/2004	8.93	6.97	1.96	5
ERM-MW-12	6/26/2006	8.93	5.71	3.22	5
ERM-MW-13	1/12/2004	10.36	8.82	1.54	5
ERM-MW-13	6/26/2006	10.36	7.61	2.75	5
ERM-MW-14	1/12/2004	9.71	8.09	1.62	5
ERM-MW-14	6/26/2006	9.71	7.29	2.42	5

feet bgs = feet below ground surface.
feet POO = feet relative to Port of Oakland vertical datum.
= Water levels for MW-1 to MW-3 installed for MF23/24 are also included since these wells were abandoned prior to 2003.
* = top of groundwater above top of screened interval.
** = value suspected to be in error and not included for contours shown on Figure D-1.



GROUNDWATER CONTOURS - SITEWIDE

Figure D-1

January 2004

June 2006 (without ERM-MW-11)

Legend

● 3.96	Groundwater monitoring well and elevation (POO Datum)	▨	Approximate location of former USTs
○	Abandoned groundwater monitoring well	—	Groundwater contour

0 175 Feet

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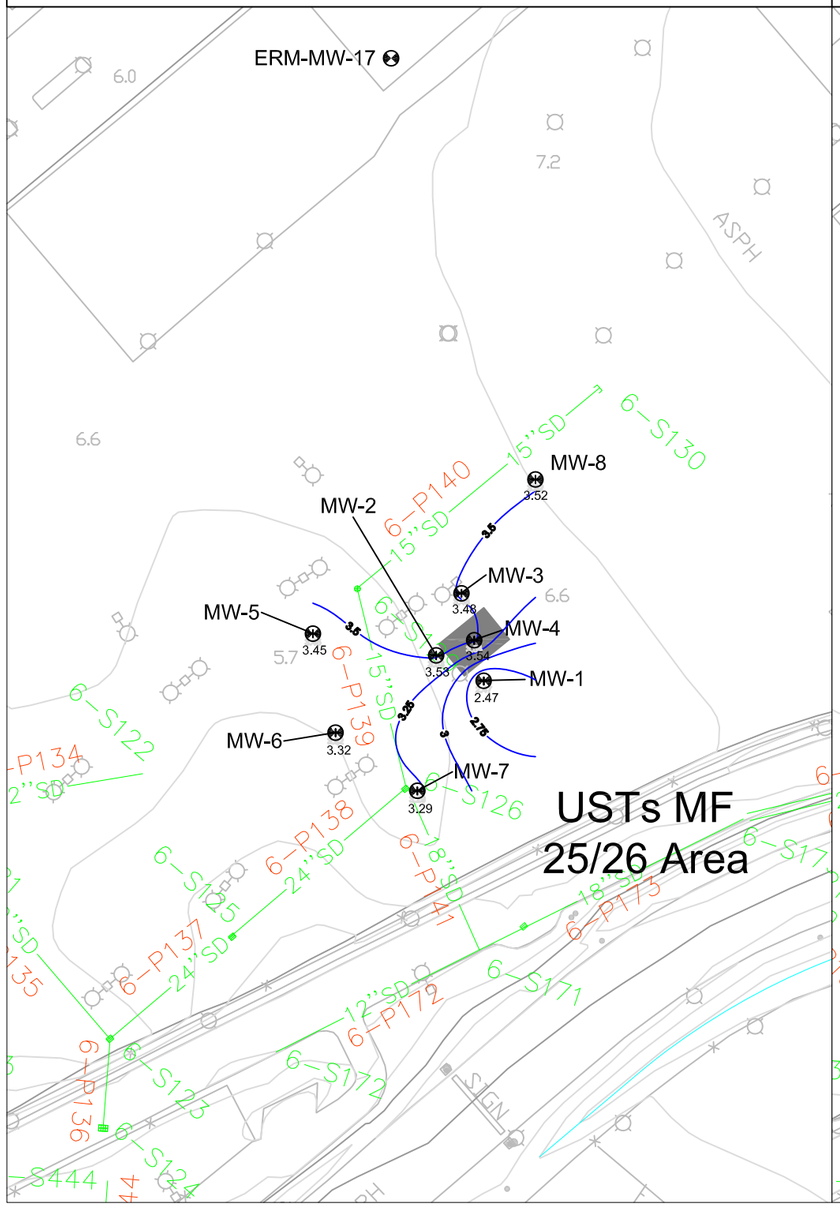
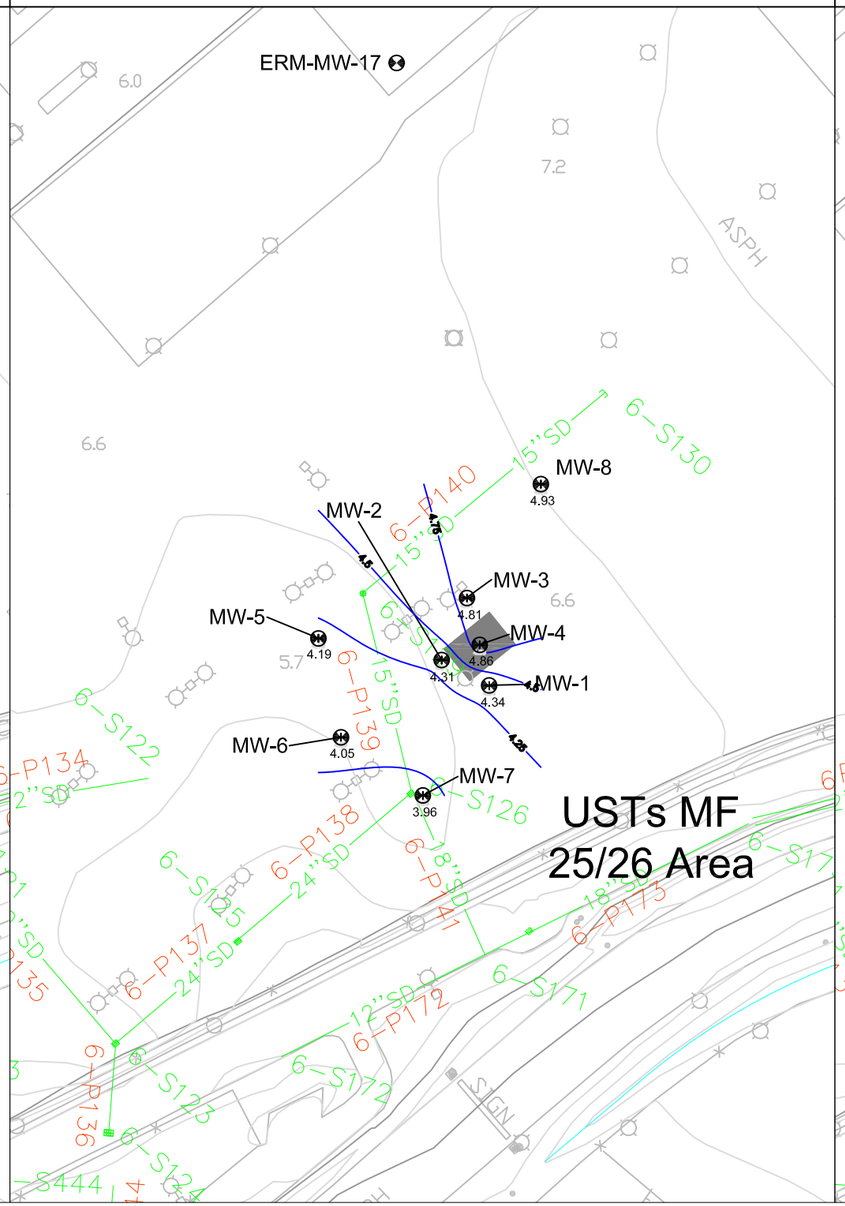
GROUNDWATER CONTOURS - MF25/26 AREA

Figure D-2

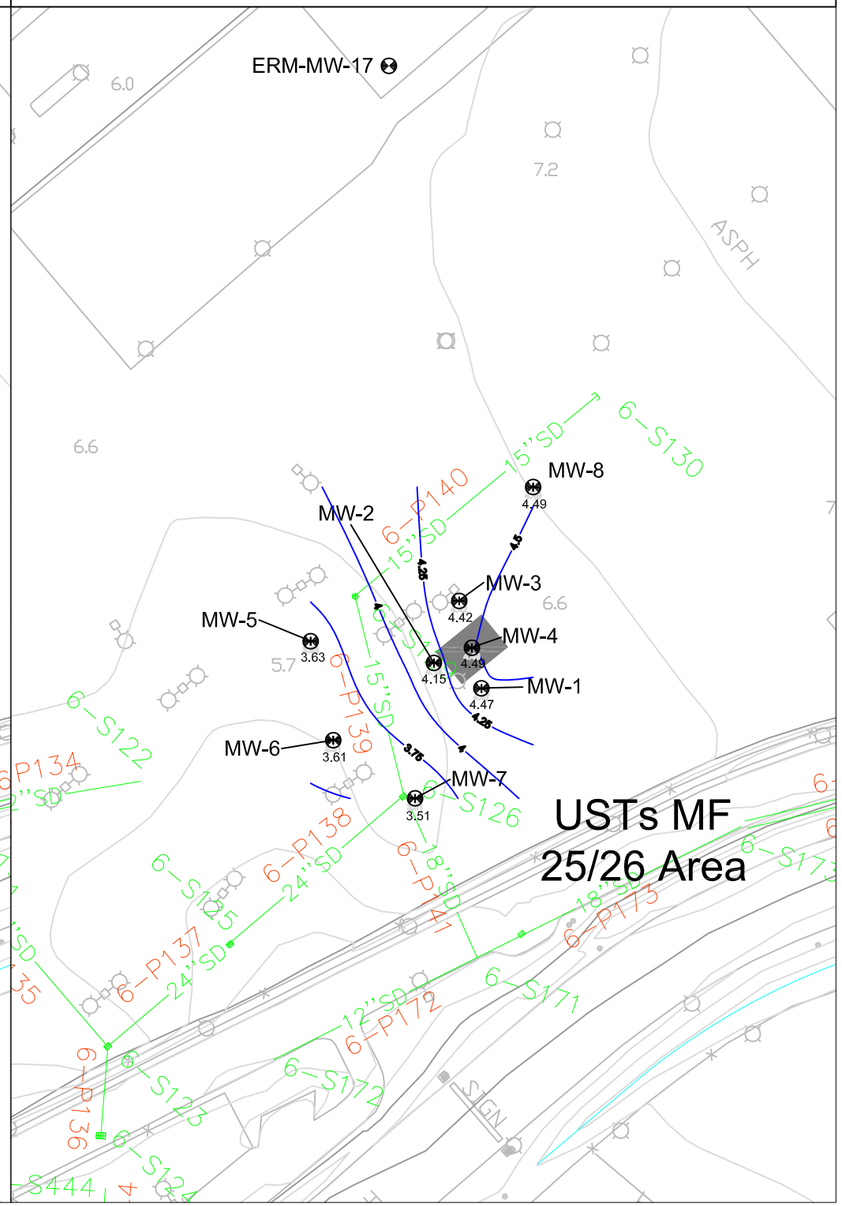
November 1999



March 2000



August 2011



Legend

- 3.96 — Groundwater monitoring well and elevation (POO Datum)
- Groundwater contour
- Approximate location of former USTs

0 100 Feet

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Attachment E

Screening of Data from 19 AOCs against Updated Values

Table E-1a *(URS Table 2-1a)*
Post-2002 Data Set - Soil Results - TPH - Tier-1

Sample Location	AOC	Sample Depth	Date Sampled	TPH-d		TPH-d (sg)		TPH-g		TPH-jf		TPH-mo	
			Airport Worker Tier-1 (a)	110		110		500		110		500	
			Construction Worker Tier-1 (a)	110		110		500		110		500	
			Ecological Receptor Tier-1	IP		IP		IP		IP		IP	
Area of Concern 1													
ERM-B-1	1	3.5	4/15/2003	<5		NA		<1		NA		NA	
ERM-B-2	1	3.5	4/15/2003	<5		NA		<1		NA		NA	
W-B-4	1	0.5	4/14/2003	**57**	Q	NA		**1.7**	Q	<50	Q	**560**	Q
W-B-4	1	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-4	1	3.5	4/14/2003	<5		NA		<1		NA		NA	
W-B-5	1	0.5	4/14/2003	**71**	Q	NA		**3.1**	Q	<50	Q	**810**	Q
W-B-5	1	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-5	1	3.5	4/14/2003	<5		NA		<1		NA		NA	
W-B-6	1	0.5	4/14/2003	**4.1**	Q	NA		<1	Q	**1.8**	Q	**31**	Q
W-B-6	1	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-6	1	3.5	4/14/2003	<5		NA		<1		NA		NA	
Area of Concern 2													
ERM-B-3	2	2.5	4/15/2003	<5		NA		<1		NA		NA	
ERM-B-4	2	2.5	4/15/2003	**18**	Y	**9.2**	J	**4.7**		NA		NA	
ERM-B-5	2	2.5	4/15/2003	**43**	J Y	<20	J	**1.4**		NA		NA	
ERM-B-6	2	2.5	4/15/2003	**1300**	J Y	**410**	J	**170**		NA		NA	
W-B-7	2	0.5	4/17/2003	**1800**	Q	NA		**1000**	Q	**1800**	Q	<500	Q
W-B-7	2	1.5	4/17/2003	**27**	J Y	**13**	J	**7.9**		NA		NA	
W-B-7	2	3	4/17/2003	**3.3**	Q	NA		**2.6**	Q	**2.3**	Q	<5	Q
W-B-8	2	0.5	4/14/2003	<50	Q	NA		**1.1**	Q	<50	Q	**390**	Q
W-B-8	2	2	4/14/2003	<100	UJ	NA		<1	UJ	NA		NA	
W-B-8	2	3	4/14/2003	**81**	Q	NA		**1.7**	Q	<50	Q	**700**	Q
Area of Concern 3													
W-B-10	3	0	4/15/2003	**1.1**	Q	NA		<1	Q	<1	Q	<5	Q
W-B-10	3	3	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-10	3	3.5	4/15/2003	<5		NA		<1		NA		NA	
W-B-10	3	6	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-11	3	0.5	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-11	3	1.5	4/15/2003	<5		NA		<1		NA		NA	
W-B-11	3	3	4/16/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-11	3	8	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-12	3	0.5	4/16/2003	**18**	Y	**15**	Y	<1		**9.9**		**100**	
W-B-12	3	3	4/15/2003	**140**	Q	NA		**1.7**	Q	**77**	Q	**600**	Q
W-B-12	3	6	4/15/2003	**7.4**	Q	NA		<1	Q	**3.9**	Q	**22**	Q
W-B-12 (b)	3	0.5	4/16/2003	**34**	Y	NA		**3.3**		NA		NA	
Area of Concern 4													
ERM-B-8	4	4	4/16/2003	<5		NA		<0.1	UJ	NA		NA	
ERM-B-9	4	4.5	4/16/2003	**200**	J Y	<20	UJ Y	<0.1	UJ	NA		NA	
Area of Concern 5													
ERM-B-10	5	2.5	4/17/2003	<5	UJ	NA		<1	UJ	NA		NA	
ERM-B-11	5	2.5	4/17/2003	<5		NA		<1		NA		NA	
ERM-B-11	5	6.5	4/17/2003	<5		NA		NA		NA		NA	
W-B-1	5	0.5	4/14/2003	**13**	Q	NA		<1	Q	<5	Q	**140**	Q
W-B-1	5	10	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-1	5	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-2	5	0.5	4/14/2003	**6.3**	Q	NA		<1	Q	<5	Q	**81**	Q
W-B-2	5	10	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-2	5	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-2	5	4	4/14/2003	<5		NA		<1		NA		NA	

Table E-1a *(URS Table 2-1a)*
Post-2002 Data Set - Soil Results - TPH - Tier-1

Sample Location	AOC	Sample Depth	Date Sampled	TPH-d		TPH-d (sg)		TPH-g		TPH-jf		TPH-mo	
			Airport Worker Tier-1 (a)	110		110		500		110		500	
			Construction Worker Tier-1 (a)	110		110		500		110		500	
			Ecological Receptor Tier-1	IP		IP		IP		IP		IP	
W-B-3	5	0.5	4/14/2003	**10**	Q	NA		<1	Q	<5	Q	**93**	Q
W-B-3	5	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-3	5	3.5	4/14/2003	<5		NA		<1		NA		NA	
W-B-3	5	7	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
Area of Concern 6													
ERM-B-27	6	2	4/17/2003	<5		NA		NA		NA		NA	
Area of Concern 7													
W-B-16	7	0.5	4/17/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-16	7	1.5	4/17/2003	<5		NA		<1		NA		NA	
W-B-16	7	3	4/17/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-17	7	0.5	4/17/2003	<0.001	Q	NA		<0.001	Q	<0.001	Q	<0.005	Q
W-B-17	7	1.5	4/17/2003	<5	Y	NA		<1	Y	NA		NA	
W-B-17	7	3	4/17/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
Area of Concern 8													
ERM-B-12	8	2	4/17/2003	<5		NA		<1		NA		NA	
Area of Concern 9													
ERM-B-13	9	3.5	4/16/2003	<5		NA		<1		NA		NA	
ERM-B-14	9	4.5	4/17/2003	<20		NA		<1		NA		NA	
W-B-21	9	0.5	4/17/2003	**1.9**	Q	NA		<1	Q	**1.2**	Q	**6.2**	Q
W-B-21	9	3	4/17/2003	<0.001	Q	NA		<0.001	Q	<0.001	Q	<0.005	Q
W-B-22	9	0.5	4/18/2003	<5	Q	NA		<1	Q	<5	Q	**57**	Q
W-B-22	9	2.5	4/18/2003	<5		NA		<1		NA		NA	
W-B-22	9	3	4/18/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-23	9	0.5	4/18/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-23	9	3	4/18/2003	<200	Q	NA		<1	Q	<200	Q	**2100**	Q
Area of Concern 10													
ERM-B-15	10	1	4/17/2003	<5	UJ	NA		<1	UJ	NA		NA	
Area of Concern 11													
ERM-B-16	11	4.5	4/16/2003	<5		NA		NA		NA		NA	
ERM-B-17	11	3.5	4/16/2003	<5	UJ	<5	UJ	NA		NA		NA	
ERM-B-18	11	4	4/16/2003	<5		NA		NA		NA		NA	
ERM-B-19	11	4.5	4/16/2003	<5		NA		NA		NA		NA	
Area of Concern 12													
ERM-B-20	12	3	4/16/2003	<5		NA		NA		NA		NA	
ERM-B-21	12	2	4/17/2003	<5		NA		NA		NA		NA	
Area of Concern 13													
ERM-B-22	13	1.5	4/17/2003	<5	UJ	NA		NA		NA		NA	
Area of Concern 14													
ERM-B-23	14	4.5	4/17/2003	<20		NA		<1		NA		NA	
W-B-32	14	0.5	4/16/2003	**3**	Q	NA		<1	Q	<1	Q	**10**	Q
W-B-32	14	1.5	4/16/2003	**23**	J	**22**	J	<1		NA		NA	
W-B-32	14	3	4/16/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-32	14	8	4/16/2003	**7.6**	Q	NA		<1	Q	**10**	Q	<25	Q
W-B-38	14	0.5	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-38	14	2.5	4/15/2003	<5		NA		<1		NA		NA	
W-B-38	14	3	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-38	14	8	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-39	14	0.5	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-39	14	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-39	14	8	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q

Table E-1a *(URS Table 2-1a)*
Post-2002 Data Set - Soil Results - TPH - Tier-1

Sample Location	AOC	Sample Depth	Date Sampled	TPH-d		TPH-d (sg)	TPH-g		TPH-jf		TPH-mo	
			Airport Worker Tier-1 (a)	110		110	500		110		500	
			Construction Worker Tier-1 (a)	110		110	500		110		500	
			Ecological Receptor Tier-1	IP		IP	IP		IP		IP	
Area of Concern 15												
ERM-B-24	15	2.5	4/15/2003	<5		NA	NA		NA		NA	
ERM-B-25	15	3.5	4/15/2003	<5		NA	NA		NA		NA	
ERM-B-26	15	2	4/16/2003	<5		NA	NA		NA		NA	
Area of Concern 16												
W-B-13	16	0.5	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-13	16	3	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-13	16	8	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-14	16	0	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-14	16	2.5	4/15/2003	<5		NA	NA		NA		NA	
W-B-14	16	3	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-14	16	8	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-15	16	0.5	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-15	16	8	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
Area of Concern 18												
W-B-18	18	4.5	4/18/2003	**2**	Q	NA	<1	Q	**1.4**	Q	<0.005	Q
W-B-18	18	8	4/18/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-19	18	4	4/18/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-20	18	3	4/18/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-9	18	4	4/18/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
Area of Concern 19												
W-B-24	19	0.5	4/14/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-24	19	3	4/14/2003	**1.4**	Q	NA	<1	Q	<1	Q	<5	Q
W-B-24	19	8	4/14/2003	**3.2**	Q	NA	<0.001	Q	<1	Q	**17**	Q
W-B-25	19	0	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-25	19	1.5	4/15/2003	<5		NA	<1		NA		NA	
W-B-25	19	3	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-25	19	8	4/15/2003	**2**	Q	NA	<1	Q	<1	Q	**7.9**	Q
W-B-26	19	0.5	4/16/2003	<1	Q	NA	<0.001	Q	<1	Q	<5	Q
W-B-26	19	12	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-26	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-27	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-27	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-27	19	8	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-28	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-28	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-28	19	8	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-29	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-29	19	1.5	4/16/2003	<5		NA	<1		NA		NA	
W-B-29	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-29	19	8	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-30	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-30	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-30	19	8	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-31	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-31	19	3	4/16/2003	**7.1**	Q	NA	<1	Q	<2	Q	**27**	Q
W-B-31	19	3.5	4/16/2003	**11**	Q	NA	<1	Q	<5	Q	**42**	Q

Table E-1a *(URS Table 2-1a)*
Post-2002 Data Set - Soil Results - TPH - Tier-1

Sample Location	AOC	Sample Depth	Date Sampled	TPH-d		TPH-d (sg)	TPH-g		TPH-jf		TPH-mo	
			Airport Worker Tier-1 (a)	110		110	500		110		500	
			Construction Worker Tier-1 (a)	110		110	500		110		500	
			Ecological Receptor Tier-1	IP		IP	IP		IP		IP	
W-B-33	19	0.5	4/16/2003	**220**	Q	NA	**2.7**	Q	<200	Q	**2100**	Q
W-B-33	19	2.5	4/16/2003	**1.5**	Q	NA	<1	Q	<1	Q	**8.8**	Q
W-B-33	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-33	19	8	4/16/2003	**12**	Q	NA	<1	Q	**10**	Q	**27**	Q
W-B-34	19	0.5	4/17/2003	<10	Q	NA	<1	Q	<10	Q	**100**	Q
W-B-34	19	3	4/17/2003	**2.1**	Q	NA	<1	Q	<1	Q	**7.9**	Q
W-B-35	19	0.5	4/17/2003	**1.1**	Q	NA	<1	Q	<1	Q	<5	Q
W-B-35	19	3	4/17/2003	**6.8**	Q	NA	<1	Q	**1.1**	Q	**12**	Q
W-B-36	19	0.5	4/17/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-36	19	3	4/17/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-37	19	0.5	4/17/2003	**5.5**	Q	NA	<1	Q	<1	Q	**42**	Q
W-B-37	19	4	4/17/2003	**15**	Q	NA	<1	Q	**4.6**	Q	**17**	Q

Notes

Yellow highlighting indicates an exceedance of the selected ESL.
Bolding indicates detected concentrations.
All units are in milligrams per kilogram (mg/kg).
< = analyte was not detected at or above the laboratory method detection limit
ESL = environmental screening level
IP =incomplete pathway
NA = not analyzed
sg = silica gel clean up
TPH-d = total petroleum hydrocarbon as diesel range organics
TPH-g = total petroleum hydrocarbon as gasoline range organics
TPH-jf = total petroleum hydrocarbon as jet fuel
TPH-mo = total petroleum hydrocarbon as motor oil range organics

Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
Y = Sample exhibits chromatographic pattern which does not resemble standard

Footnotes

(a) Tier-1 airport and construction worker screening level value is based on commercial values in Table B Environmental Screening Levels (ESLs) Shallow Soils Where Groundwater is Not a Current or Potential Source of Drinking Water (RWQCB December 2013). If there are no ESLs available, USEPA industrial soil RSLs (November 2013).
(b) Analyte analyzed by a second method.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.
USEPA. 2013. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. RSL Table Update. November.

Table E-1b *(URS Table 2-1b)*
Post-2002 Data Set - Soil Results - TPH - Tier 2

Sample Location	AOC	Sample Depth	Date Sampled	TPH-d		TPH-d (sg)		TPH-g		TPH-jf		TPH-mo	
			Airport Worker Tier-2	--		--		--		--			
			Construction Worker Tier-2 (a)	900		900		2700		900		28000	
			Ecological Receptor Tier-2	IP		IP		IP		IP		IP	
Area of Concern 1													
ERM-B-1	1	3.5	4/15/2003	<5		NA		<1		NA		NA	
ERM-B-2	1	3.5	4/15/2003	<5		NA		<1		NA		NA	
W-B-4	1	0.5	4/14/2003	**57**	Q	NA		**1.7**	Q	<50	Q	**560**	Q
W-B-4	1	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-4	1	3.5	4/14/2003	<5		NA		<1		NA		NA	
W-B-5	1	0.5	4/14/2003	**71**	Q	NA		**3.1**	Q	<50	Q	**810**	Q
W-B-5	1	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-5	1	3.5	4/14/2003	<5		NA		<1		NA		NA	
W-B-6	1	0.5	4/14/2003	**4.1**	Q	NA		<1	Q	**1.8**	Q	**31**	Q
W-B-6	1	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-6	1	3.5	4/14/2003	<5		NA		<1		NA		NA	
Area of Concern 2													
ERM-B-3	2	2.5	4/15/2003	<5		NA		<1		NA		NA	
ERM-B-4	2	2.5	4/15/2003	**18**	Y	**9.2**	J	**4.7**		NA		NA	
ERM-B-5	2	2.5	4/15/2003	**43**	J Y	<20	J	**1.4**		NA		NA	
ERM-B-6	2	2.5	4/15/2003	**1300**	J Y	**410**	J	**170**		NA		NA	
W-B-7	2	0.5	4/17/2003	**1800**	Q	NA		**1000**	Q	**1800**	Q	<500	Q
W-B-7	2	1.5	4/17/2003	**27**	J Y	**13**	J	**7.9**		NA		NA	
W-B-7	2	3	4/17/2003	**3.3**	Q	NA		**2.6**	Q	**2.3**	Q	<5	Q
W-B-8	2	0.5	4/14/2003	<50	Q	NA		**1.1**	Q	<50	Q	**390**	Q
W-B-8	2	2	4/14/2003	<100	UJ	NA		<1	UJ	NA		NA	
W-B-8	2	3	4/14/2003	**81**	Q	NA		**1.7**	Q	<50	Q	**700**	Q
Area of Concern 3													
W-B-10	3	0	4/15/2003	**1.1**	Q	NA		<1	Q	<1	Q	<5	Q
W-B-10	3	3	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-10	3	3.5	4/15/2003	<5		NA		<1		NA		NA	
W-B-10	3	6	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-11	3	0.5	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-11	3	1.5	4/15/2003	<5		NA		<1		NA		NA	
W-B-11	3	3	4/16/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-11	3	8	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-12	3	0.5	4/16/2003	**18**	Y	**15**	Y	<1		**9.9**		**100**	
W-B-12	3	3	4/15/2003	**140**	Q	NA		**1.7**	Q	**77**	Q	**600**	Q
W-B-12	3	6	4/15/2003	**7.4**	Q	NA		<1	Q	**3.9**	Q	**22**	Q
W-B-12 (b)	3	0.5	4/16/2003	**34**	Y	NA		**3.3**		NA		NA	
Area of Concern 4													
ERM-B-8	4	4	4/16/2003	<5		NA		<0.1	UJ	NA		NA	
ERM-B-9	4	4.5	4/16/2003	**200**	J Y	<20	UJ Y	<0.1	UJ	NA		NA	
Area of Concern 5													
ERM-B-10	5	2.5	4/17/2003	<5	UJ	NA		<1	UJ	NA		NA	
ERM-B-11	5	2.5	4/17/2003	<5		NA		<1		NA		NA	
ERM-B-11	5	6.5	4/17/2003	<5		NA		NA		NA		NA	
W-B-1	5	0.5	4/14/2003	**13**	Q	NA		<1	Q	<5	Q	**140**	Q
W-B-1	5	10	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-1	5	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-2	5	0.5	4/14/2003	**6.3**	Q	NA		<1	Q	<5	Q	**81**	Q
W-B-2	5	10	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-2	5	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q

Table E-1b *(URS Table 2-1b)*
Post-2002 Data Set - Soil Results - TPH - Tier 2

Sample Location	AOC	Sample Depth	Date Sampled	TPH-d		TPH-d (sg)		TPH-g		TPH-jf		TPH-mo	
W-B-2	5	4	4/14/2003	<5		NA		<1		NA		NA	
W-B-3	5	0.5	4/14/2003	**10**	Q	NA		<1	Q	<5	Q	**93**	Q
W-B-3	5	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-3	5	3.5	4/14/2003	<5		NA		<1		NA		NA	
W-B-3	5	7	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
Area of Concern 6													
ERM-B-27	6	2	4/17/2003	<5		NA		NA		NA		NA	
Area of Concern 7													
W-B-16	7	0.5	4/17/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-16	7	1.5	4/17/2003	<5		NA		<1		NA		NA	
W-B-16	7	3	4/17/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-17	7	0.5	4/17/2003	<0.001	Q	NA		<0.001	Q	<0.001	Q	<0.005	Q
W-B-17	7	1.5	4/17/2003	<5	Y	NA		<1	Y	NA		NA	
W-B-17	7	3	4/17/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
Area of Concern 8													
ERM-B-12	8	2	4/17/2003	<5		NA		<1		NA		NA	
Area of Concern 9													
ERM-B-13	9	3.5	4/16/2003	<5		NA		<1		NA		NA	
ERM-B-14	9	4.5	4/17/2003	<20		NA		<1		NA		NA	
W-B-21	9	0.5	4/17/2003	**1.9**	Q	NA		<1	Q	**1.2**	Q	**6.2**	Q
W-B-21	9	3	4/17/2003	<0.001	Q	NA		<0.001	Q	<0.001	Q	<0.005	Q
W-B-22	9	0.5	4/18/2003	<5	Q	NA		<1	Q	<5	Q	**57**	Q
W-B-22	9	2.5	4/18/2003	<5		NA		<1		NA		NA	
W-B-22	9	3	4/18/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-23	9	0.5	4/18/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-23	9	3	4/18/2003	<200	Q	NA		<1	Q	<200	Q	**2100**	Q
Area of Concern 10													
ERM-B-15	10	1	4/17/2003	<5	UJ	NA		<1	UJ	NA		NA	
Area of Concern 11													
ERM-B-16	11	4.5	4/16/2003	<5		NA		NA		NA		NA	
ERM-B-17	11	3.5	4/16/2003	<5	UJ	<5	UJ	NA		NA		NA	
ERM-B-18	11	4	4/16/2003	<5		NA		NA		NA		NA	
ERM-B-19	11	4.5	4/16/2003	<5		NA		NA		NA		NA	
Area of Concern 12													
ERM-B-20	12	3	4/16/2003	<5		NA		NA		NA		NA	
ERM-B-21	12	2	4/17/2003	<5		NA		NA		NA		NA	
Area of Concern 13													
ERM-B-22	13	1.5	4/17/2003	<5	UJ	NA		NA		NA		NA	
Area of Concern 14													
ERM-B-23	14	4.5	4/17/2003	<20		NA		<1		NA		NA	
W-B-32	14	0.5	4/16/2003	**3**	Q	NA		<1	Q	<1	Q	**10**	Q
W-B-32	14	1.5	4/16/2003	**23**	J	**22**	J	<1		NA		NA	
W-B-32	14	3	4/16/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-32	14	8	4/16/2003	**7.6**	Q	NA		<1	Q	**10**	Q	<25	Q
W-B-38	14	0.5	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-38	14	2.5	4/15/2003	<5		NA		<1		NA		NA	
W-B-38	14	3	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-38	14	8	4/15/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-39	14	0.5	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-39	14	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q
W-B-39	14	8	4/14/2003	<1	Q	NA		<1	Q	<1	Q	<5	Q

Table E-1b *(URS Table 2-1b)*
Post-2002 Data Set - Soil Results - TPH - Tier 2

Sample Location	AOC	Sample Depth	Date Sampled	TPH-d		TPH-d (sg)	TPH-g		TPH-jf		TPH-mo	
Area of Concern 15												
ERM-B-24	15	2.5	4/15/2003	<5		NA	NA		NA		NA	
ERM-B-25	15	3.5	4/15/2003	<5		NA	NA		NA		NA	
ERM-B-26	15	2	4/16/2003	<5		NA	NA		NA		NA	
Area of Concern 16												
W-B-13	16	0.5	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-13	16	3	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-13	16	8	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-14	16	0	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-14	16	2.5	4/15/2003	<5		NA	NA		NA		NA	
W-B-14	16	3	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-14	16	8	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-15	16	0.5	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-15	16	8	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
Area of Concern 18												
W-B-18	18	4.5	4/18/2003	**2**	Q	NA	<1	Q	**1.4**	Q	<5	Q
W-B-18	18	8	4/18/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-19	18	4	4/18/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-20	18	3	4/18/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-9	18	4	4/18/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
Area of Concern 19												
W-B-24	19	0.5	4/14/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-24	19	3	4/14/2003	**1.4**	Q	NA	<1	Q	<1	Q	<5	Q
W-B-24	19	8	4/14/2003	**3.2**	Q	NA	<0.001	Q	<1	Q	**17**	Q
W-B-25	19	0	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-25	19	1.5	4/15/2003	<5		NA	<1		NA		NA	
W-B-25	19	3	4/15/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-25	19	8	4/15/2003	**2**	Q	NA	<1	Q	<1	Q	**7.9**	Q
W-B-26	19	0.5	4/16/2003	<1	Q	NA	<0.001	Q	<1	Q	<5	Q
W-B-26	19	12	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-26	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-27	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-27	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-27	19	8	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-28	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-28	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-28	19	8	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-29	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-29	19	1.5	4/16/2003	<5		NA	<1		NA		NA	
W-B-29	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-29	19	8	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-30	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-30	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-30	19	8	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-31	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-31	19	3	4/16/2003	**7.1**	Q	NA	<1	Q	<2	Q	**27**	Q
W-B-31	19	3.5	4/16/2003	**11**	Q	NA	<1	Q	<5	Q	**42**	Q
W-B-33	19	0.5	4/16/2003	**220**	Q	NA	**2.7**	Q	<200	Q	**2100**	Q
W-B-33	19	2.5	4/16/2003	**1.5**	Q	NA	<1	Q	<1	Q	**8.8**	Q
W-B-33	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-33	19	8	4/16/2003	**12**	Q	NA	<1	Q	**10**	Q	**27**	Q
W-B-34	19	0.5	4/17/2003	<10	Q	NA	<1	Q	<10	Q	**100**	Q

Table E-1b *(URS Table 2-1b)*
Post-2002 Data Set - Soil Results - TPH - Tier 2

Sample Location	AOC	Sample Depth	Date Sampled	TPH-d		TPH-d (sg)	TPH-g		TPH-jf		TPH-mo	
W-B-34	19	3	4/17/2003	**2.1**	Q	NA	<1	Q	<1	Q	**7.9**	Q
W-B-35	19	0.5	4/17/2003	**1.1**	Q	NA	<1	Q	<1	Q	<5	Q
W-B-35	19	3	4/17/2003	**6.8**	Q	NA	<1	Q	**1.1**	Q	**12**	Q
W-B-36	19	0.5	4/17/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-36	19	3	4/17/2003	<1	Q	NA	<1	Q	<1	Q	<5	Q
W-B-37	19	0.5	4/17/2003	**5.5**	Q	NA	<1	Q	<1	Q	**42**	Q
W-B-37	19	4	4/17/2003	**15**	Q	NA	<1	Q	**4.6**	Q	**17**	Q

Notes

Bolding indicates detected concentrations.

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

Only analytes that have at least one detection and have exceeded the Tier-1 screening level are shown.

< = analyte was not detected at or above the laboratory method detection limit

-- = not applicable

ESL = environmental screening level

IP = Incomplete pathway (not evaluated quantitatively)

NA = not analyzed

sg = silica gel clean up

TPH-d = total petroleum hydrocarbon as diesel range organics

TPH-g = total petroleum hydrocarbon as gasoline range organics

TPH-jf = total petroleum hydrocarbon as jet fuel

Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Y = Sample exhibits chromatographic pattern which does not resemble standard

Footnotes

(a) Tier-2 construction worker screening level value is based on Table K-3 Environmental Screening Levels (ESLs) Direct Exposure Soil Screening Levels Construction/Trench Worker Exposure Scenario (RWQCB December 2013).

(b) Analyte analyzed by a second method.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Table E-2 *(URS Table 2-2)*
Post-2002 Data Set - Soil Results - VOC - Tier-1

Sample Location	AOC	Sample Depth	Date Sampled	1,1,1-Trichloroethane		1,2,4-Trimethylbenzene		1,3,5-Trimethylbenzene		Ethylbenzene		Isopropylbenzene		Methylene Chloride		Naphthalene		n-Butylbenzene		p-Isopropyltoluene		sec-Butylbenzene		Tetrachloroethene		Toluene		Total Xylene	
		Airport Worker Tier-1 (a)		7.8		260		10000		4.7		11000		34		4.8		51000		NS		NS		2.6		9.3		11	
		Construction Worker Tier-1 (a)		7.8		260		10000		4.7		11000		34		4.8		51000		NS		NS		2.6		9.3		11	
		Ecological Receptor Tier-1 (a)		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP	
Area of Concern 1																													
ERM-B-1	1	3.5	4/15/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.025		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
ERM-B-2	1	3.5	4/15/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.025		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
W-B-4	1	0.5	4/14/2003	**0.055**	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-4	1	3	4/14/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-4	1	3.5	4/14/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.025		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
W-B-5	1	0.5	4/14/2003	**0.11**	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	**0.074**	Q	<0.005	Q	**0.026**	Q
W-B-5	1	3	4/14/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-5	1	3.5	4/14/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.025		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
W-B-6	1	0.5	4/14/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-6	1	3	4/14/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-6	1	3.5	4/14/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.025		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
Area of Concern 2																													
ERM-B-3	2	2.5	4/15/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.025		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
ERM-B-4	2	2.5	4/15/2003	<0.005		**0.05**		**0.024**		<0.005		<0.005		<0.025		**0.013**		**0.0098**		**0.012**		**0.0073**		<0.005		<0.005		<0.01	
ERM-B-5	2	2.5	4/15/2003	<0.005		**0.014**		**0.0078**		<0.005		<0.005		<0.025		**0.015**		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
ERM-B-6	2	2.5	4/15/2003	<0.005		**1.2**	J	**1.1**	J	**0.027**	J	**0.048**	J	<0.025		**0.047**	J	**0.092**	J	**0.19**	J	**0.094**	J	<0.005		**0.005**	J	**0.35**	J
W-B-7	2	0.5	4/17/2003	<0.1	Q	**2.1**	Q	**1.3**	Q	<0.1	Q	<0.1	Q	<0.1	Q	**0.28**	Q	<0.1	Q	<0.1	Q	<0.1	Q	<0.1	Q	<0.1	Q	<0.1	Q
W-B-7	2	1.5	4/17/2003	<0.005		**0.09**		**0.045**		<0.005		**0.0085**		<0.025		**0.047**		<0.005		**0.017**		<0.005		<0.005		<0.005		<0.01	
W-B-7	2	3	4/17/2003	<0.005	Q	**0.0059**	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	**0.006**	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-8	2	0.5	4/14/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	**0.03**	Q
W-B-8	2	2	4/14/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.025		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
W-B-8	2	3	4/14/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
Area of Concern 3																													
W-B-10	3	0	4/15/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	**0.039**	Q
W-B-10	3	3	4/15/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-10	3	3.5	4/15/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.025		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
W-B-10	3	6	4/15/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-11	3	0.5	4/15/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-11	3	1.5	4/15/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.025		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
W-B-11	3	3	4/16/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005	
W-B-11	3	8	4/15/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-12	3	0.5	4/16/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<1.9	U	<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
W-B-12	3	3	4/15/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-12	3	6	4/15/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-12 (c)	3	0.5	4/16/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		NA		<0.005		<0.005		<0.005		<0.005	

Table E-2 *(URS Table 2-2)*
Post-2002 Data Set - Soil Results - VOC - Tier-1

Sample Location	AOC	Sample Depth	Date Sampled	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Ethylbenzene	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Butylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene	Toluene	Total Xylene
		Airport Worker Tier-1 (a)		7.8	260	10000	4.7	11000	34	4.8	51000	NS	NS	2.6	9.3	11
		Construction Worker Tier-1 (a)		7.8	260	10000	4.7	11000	34	4.8	51000	NS	NS	2.6	9.3	11
		Ecological Receptor Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
Area of Concern 4																
ERM-B-8	4	4	4/16/2003	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	<0.005	<0.005
ERM-B-9	4	4.5	4/16/2003	NA	NA	NA	<0.005 Q	NA	NA	NA	NA	NA	NA	NA	<0.005 Q	<0.005 Q
Area of Concern 5																
ERM-B-10	5	2.5	4/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
ERM-B-11	5	2.5	4/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
W-B-1	5	0.5	4/14/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<5 Q	<0.005 Q
W-B-1	5	3	4/14/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-2	5	0.5	4/14/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-2	5	3	4/14/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-2	5	4	4/14/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
W-B-3	5	0.5	4/14/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-3	5	3	4/14/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-3	5	3.5	4/14/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
Area of Concern 6																
ERM-B-27	6	2	4/17/2003	NA	NA	NA	<0.005 Q	NA	NA	NA	NA	NA	NA	NA	<0.005 Q	<0.005 Q
Area of Concern 7																
W-B-16	7	0.5	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-16	7	1.5	4/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
W-B-16	7	3	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-17	7	0.5	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-17	7	1.5	4/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
W-B-17	7	3	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
Area of Concern 8																
ERM-B-12	8	2	4/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
Area of Concern 9																
ERM-B-13	9	3.5	4/16/2003	<0.005	<0.005	<0.005	<0.005	<0.005	**0.047**	**0.0063**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
ERM-B-14	9	4.5	4/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
W-B-21	9	0.5	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-21	9	3	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-22	9	0.5	4/18/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-22	9	2.5	4/18/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
W-B-22	9	3	4/18/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-23	9	0.5	4/18/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-23	9	3	4/18/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
Area of Concern 10																
ERM-B-15	10	1	4/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01

Table E-2 *(URS Table 2-2)*
Post-2002 Data Set - Soil Results - VOC - Tier-1

Sample Location	AOC	Sample Depth	Date Sampled	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Ethylbenzene	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Butylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene	Toluene	Total Xylene
		Airport Worker Tier-1 (a)		7.8	260	10000	4.7	11000	34	4.8	51000	NS	NS	2.6	9.3	11
		Construction Worker Tier-1 (a)		7.8	260	10000	4.7	11000	34	4.8	51000	NS	NS	2.6	9.3	11
		Ecological Receptor Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
Area of Concern 11																
ERM-B-16	11	4.5	4/16/2003	NA	NA	NA	<0.005 Q	NA	NA	NA	NA	NA	NA	NA	<0.005 Q	<0.005 Q
ERM-B-17	11	3.5	4/16/2003	NA	NA	NA	<0.005 Q	NA	NA	NA	NA	NA	NA	NA	<0.005 Q	<0.005 Q
ERM-B-18	11	4	4/16/2003	NA	NA	NA	<0.005 Q	NA	NA	NA	NA	NA	NA	NA	<0.005 Q	<0.005 Q
ERM-B-19	11	4.5	4/16/2003	NA	NA	NA	<0.005 Q	NA	NA	NA	NA	NA	NA	NA	<0.005 Q	<0.005 Q
Area of Concern 12																
ERM-B-20	12	3	4/16/2003	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	<0.005	<0.005
ERM-B-21	12	2	4/17/2003	NA	NA	NA	<0.005 Q	NA	NA	NA	NA	NA	NA	NA	<0.005 Q	<0.005 Q
Area of Concern 13																
ERM-B-22	13	1.5	4/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
Area of Concern 14																
ERM-B-23	14	4.5	4/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
W-B-32	14	0.5	4/16/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-32	14	1.5	4/16/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
W-B-32	14	3	4/16/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-32	14	8	4/16/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-38	14	0.5	4/15/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-38	14	2.5	4/15/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
W-B-38	14	3	4/15/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-38	14	8	4/15/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-39	14	0.5	4/14/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-39	14	3	4/14/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-39	14	8	4/14/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
Area of Concern 15																
ERM-B-24	15	2.5	4/15/2003	NA	NA	NA	<0.005 Q	NA	NA	NA	NA	NA	NA	NA	<0.005 Q	<0.005 Q
ERM-B-25	15	3.5	4/15/2003	NA	NA	NA	<0.005 Q	NA	NA	NA	NA	NA	NA	NA	<0.005 Q	<0.005 Q
ERM-B-26	15	2	4/16/2003	NA	NA	NA	<0.005 Q	NA	NA	NA	NA	NA	NA	NA	<0.005 Q	<0.005 Q
Area of Concern 16																
W-B-13	16	0.5	4/15/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-13	16	3	4/15/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-13	16	8	4/15/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-14	16	0	4/15/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-14	16	2.5	4/15/2003	NA	NA	NA	<0.005 Q	NA	NA	NA	NA	NA	NA	NA	<0.005 Q	<0.005 Q
W-B-14	16	3	4/15/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-14	16	8	4/15/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-15	16	0.5	4/15/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-15	16	8	4/15/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q

Table E-2 *(URS Table 2-2)*
Post-2002 Data Set - Soil Results - VOC - Tier-1

Sample Location	AOC	Sample Depth	Date Sampled	1,1,1-Trichloroethane		1,2,4-Trimethylbenzene		1,3,5-Trimethylbenzene		Ethylbenzene		Isopropylbenzene		Methylene Chloride		Naphthalene		n-Butylbenzene		p-Isopropyltoluene		sec-Butylbenzene		Tetrachloroethene		Toluene		Total Xylene	
		Airport Worker Tier-1 (a)		7.8		260		10000		4.7		11000		34		4.8		51000		NS		NS		2.6		9.3		11	
		Construction Worker Tier-1 (a)		7.8		260		10000		4.7		11000		34		4.8		51000		NS		NS		2.6		9.3		11	
		Ecological Receptor Tier-1 (a)		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP	
Area of Concern 18																													
W-B-18	18	4.5	4/18/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-18	18	8	4/18/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-19	18	3	4/18/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.025		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
W-B-19	18	4	4/18/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-20	18	3	4/18/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-9	18	3	4/18/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.025		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
W-B-9	18	4	4/18/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
Area of Concern 19																													
W-B-24	19	0.5	4/14/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-24	19	3	4/14/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-24	19	8	4/14/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-25	19	0	4/15/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.05	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-25	19	1.5	4/15/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.025	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.01	Q
W-B-25	19	3	4/15/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-25	19	8	4/15/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-26	19	0.5	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-26	19	12	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-26	19	3	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-27	19	0.5	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-27	19	3	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-27	19	8	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-28	19	0.5	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-28	19	3	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-28	19	8	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-29	19	0.5	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-29	19	1.5	4/16/2003	<0.005		<0.005		<0.005		<0.005		<0.005		<0.025		<0.005		<0.005		<0.005		<0.005		<0.005		<0.005		<0.01	
W-B-29	19	3	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-29	19	8	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-30	19	0.5	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-30	19	3	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-30	19	8	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-31	19	0.5	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-31	19	3	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-31	19	3.5	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-33	19	0.5	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q
W-B-33	19	2.5	4/16/2003	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q	<0.005	Q

Table E-2 *(URS Table 2-2)*
Post-2002 Data Set - Soil Results - VOC - Tier-1

Sample Location	AOC	Sample Depth	Date Sampled	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Ethylbenzene	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Butylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene	Toluene	Total Xylene
		Airport Worker Tier-1 (a)		7.8	260	10000	4.7	11000	34	4.8	51000	NS	NS	2.6	9.3	11
		Construction Worker Tier-1 (a)		7.8	260	10000	4.7	11000	34	4.8	51000	NS	NS	2.6	9.3	11
		Ecological Receptor Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
W-B-33	19	3	4/16/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-33	19	8	4/16/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-34	19	0.5	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-34	19	3	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-35	19	0.5	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-35	19	3	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-36	19	0.5	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-36	19	3	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-37	19	0.5	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q
W-B-37	19	4	4/17/2003	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q	<0.005 Q

Notes

Bolding indicates detected concentrations.

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

Only analytes that have at least one detection are shown.

< = analyte was not detected at or above the laboratory method detection limit

ESL = environmental screening level

IP =incomplete pathway
NA = not analyzed
NS = no ESL standard

Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.

Footnotes

(a) Tier-1 airport and construction worker screening level value is based on commercial values in Table B Environmental Screening Levels (ESLs) Shallow Soils Where Groundwater is Not a Current or Potential Source of Drinking Water (RWQCB December 2013). If there are no ESLs available, USEPA industrial soil RSLs (November 2013).

(c) Analyzed by a second lab.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

USEPA. 2013. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. RSL Table Update. November.

Table E-3a *(URS Table 2-3a)*
Post-2002 Data Set - Soil Results - Metals - Tier-1

Sample Name	AOC	Sample Depth	Date Sampled	Antimony	Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Silver	Thallium	Vanadium	Zinc
		Airport Worker Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Construction Worker Tier-1 (a)		40	1.6	1500	12	750	80	230	320	10	40	150	40	10	200	600
		Ecological Receptor Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
Area of Concern 1																		
ERM-B-1	1	3.5	4/15/2003	<10 UJ	**18**	**22** J	<1	**18**	**12** J	**38** J	<10 UJ	<0.02	<4 UJ	**21**	<1 UJ	NA	**12** J	**40**
ERM-B-2	1	3.5	4/15/2003	<10 UJ	**20**	**22** J	<1	**15**	<4 UJ	**4.9** J	<10 UJ	<0.02	<4 UJ	**18**	<1 UJ	NA	**11** J	**19** J
W-B-4	1	0.5	4/14/2003	<2.5 Q	**3.8** Q	**120** Q	<0.5 Q	**40** Q	**6.8** Q	**19** Q	**4.6** Q	<0.06 Q	<2 Q	**51** Q	<1 Q	<2.5 Q	**21** Q	**34** Q
W-B-4	1	3	4/14/2003	<2.5 Q	**3** Q	**82** Q	<0.5 Q	**21** Q	**3.7** Q	**4.3** Q	<3 Q	<0.06 Q	<2 Q	**21** Q	<1 Q	<2.5 Q	**13** Q	**14** Q
W-B-4	1	3.5	4/14/2003	<10 UJ	**16**	**14** J	<1	**17**	<4 UJ	**3.2** J	<10 UJ	<0.02	<4 UJ	**17**	<1 UJ	NA	**12** J	**14**
W-B-5	1	0.5	4/14/2003	<2.5 Q	**4.6** Q	**110** Q	**0.86** Q	**70** Q	**8.4** Q	**23** Q	**3.5** Q	<0.06 Q	<2 Q	**68** Q	<1 Q	<2.5 Q	**26** Q	**42** Q
W-B-5	1	3	4/14/2003	<2.5 Q	**2.7** Q	**27** Q	<0.5 Q	**22** Q	**3.9** Q	**4.9** Q	<3 Q	<0.06 Q	<2 Q	**24** Q	<1 Q	<2.5 Q	**15** Q	**16** Q
W-B-5	1	3.5	4/14/2003	<10 UJ	**17**	**13** J	<1	**15**	<4 UJ	**3** J	<10 UJ	<0.02	<4 UJ	**18**	<1 UJ	NA	**11** J	**13**
W-B-6	1	0.5	4/14/2003	<2.5 Q	**4.2** Q	**98** Q	**0.66** Q	**43** Q	**6.2** Q	**19** Q	**5.1** Q	<0.06 Q	<2 Q	**47** Q	<1 Q	<2.5 Q	**22** Q	**33** Q
W-B-6	1	3	4/14/2003	<2.5 Q	**2.8** Q	**31** Q	<0.5 Q	**16** Q	**3.3** Q	**2.9** Q	<3 Q	<0.06 Q	<2 Q	**19** Q	<1 Q	<2.5 Q	**13** Q	**12** Q
W-B-6	1	3.5	4/14/2003	<10 UJ	**30**	**65** J	<1	**20**	**5.9** J	**14** J	<10 UJ	**0.032**	<4 UJ	**35**	<1 UJ	NA	**13** J	**26**
Area of Concern 2																		
ERM-B-3	2	2.5	4/15/2003	<10 UJ	**19**	**21** J	<1	**17**	<4 UJ	**6** J	<10 UJ	<0.02	<4 UJ	**19**	<1 UJ	NA	**12** J	**14** J
ERM-B-4	2	2.5	4/15/2003	<10 UJ	**19**	**27** J	<1	**13**	<4 UJ	**6.4** J	<10 UJ	<0.02	<4 UJ	**17**	<1 UJ	**55** J	**10** J	**14** J
ERM-B-5	2	2.5	4/15/2003	<10 UJ	**21**	**26** J	<1	**22**	<4 UJ	**7** J	<10 UJ	<0.02	<4 UJ	**21**	<1 UJ	NA	**12** J	**21** J
ERM-B-6	2	2.5	4/15/2003	<10 UJ	**19**	**23** J	<1	**16**	<4 UJ	**9** J	<10 UJ	<0.02	<4 UJ	**17**	<1 UJ	**62** J	**11** J	**14** J
W-B-7	2	0.5	4/17/2003	<2.5 Q	<2.5 Q	**35** Q	**6.4** Q	**24** Q	**8.8** Q	**63** Q	**3.1** Q	<0.06 Q	**2.8** Q	**24** Q	<1 Q	<2.5 Q	**16** Q	**18** Q
W-B-7	2	1.5	4/17/2003	<10 UJ	**21**	**31** J	<1	**18**	<4 UJ	**5.5** J	<10 UJ	<0.017	<4 UJ	**22**	<1 UJ	NA	**13** J	**15**
W-B-7	2	3	4/17/2003	<2.5 Q	**3** Q	**38** Q	<0.5 Q	**20** Q	**3.5** Q	**4.6** Q	**4.6** Q	<0.06 Q	<2 Q	**20** Q	<1 Q	<2.5 Q	**14** Q	**12** Q
W-B-8	2	0.5	4/14/2003	**3.5** Q	**11** Q	**140** Q	**3.5** Q	**39** Q	**7.5** Q	**160** Q	**92** Q	**0.087** Q	**7.7** Q	**51** Q	<1 Q	<2.5 Q	**30** Q	**110** Q
W-B-8	2	2	4/14/2003	<10 UJ	**46**	**110** J	<1	**19**	**6.5** J	**25** J	**79** J	**0.16**	<4 UJ	**32**	<1 UJ	**200** J	**23** J	**94**
W-B-8	2	3	4/14/2003	<2.5 Q	**12** Q	**110** Q	<0.5 Q	**20** Q	**6.9** Q	**18** Q	**90** Q	**0.12** Q	<2 Q	**25** Q	<1 Q	<2.5 Q	**23** Q	**100** Q
Area of Concern 3																		
W-B-10	3	0	4/15/2003	<2.5 Q	<2.5 Q	**53** Q	**0.64** Q	**22** Q	**3.9** Q	**9.1** Q	**4.2** Q	<0.06 Q	<2 Q	**24** Q	<1 Q	<2.5 Q	**13** Q	**22** Q
W-B-10	3	3	4/15/2003	<2.5 Q	<2.5 Q	**25** Q	<0.5 Q	**14** Q	**2.8** Q	**3.5** Q	<3 Q	<0.06 Q	<2 Q	**19** Q	<1 Q	<2.5 Q	**10** Q	**13** Q
W-B-10	3	3.5	4/15/2003	<10 UJ	**19**	**20** J	<1	**18**	<4 UJ	**3.6** J	<10 UJ	<0.02	<4 UJ	**19**	<1 UJ	NA	**12** J	**15** J
W-B-10	3	6	4/15/2003	<2.5 Q	<2.5 Q	**35** Q	<0.5 Q	**16** Q	**2.7** Q	**3.8** Q	<3 Q	<0.06 Q	<2 Q	**17** Q	<1 Q	<2.5 Q	**9.8** Q	**11** Q
W-B-11	3	0.5	4/15/2003	<2.5 Q	<2.5 Q	**33** Q	<0.5 Q	**22** Q	**4.3** Q	**7.6** Q	**3.6** Q	<0.06 Q	<2 Q	**25** Q	<1 Q	<2.5 Q	**15** Q	**19** Q
W-B-11	3	1.5	4/15/2003	<10 UJ	**29**	**50** J	<1	**20**	**4.3** J	**6.6** J	<10 UJ	**0.022**	<4 UJ	**26**	<1 UJ	NA	**15** J	**20** J
W-B-11	3	3	4/16/2003	<2.5 Q	<2.5 Q	**79** Q	<0.5 Q	**27** Q	**5.5** Q	**8.8** Q	**3** Q	<0.06 Q	<2 Q	**34** Q	<1 Q	<2.5 Q	**18** Q	**24** Q
W-B-11	3	8	4/15/2003	<2.5 Q	<2.5 Q	**23** Q	<0.5 Q	**16** Q	**2.6** Q	**3.2** Q	<3 Q	<0.06 Q	<2 Q	**14** Q	<1 Q	<2.5 Q	**9.8** Q	**9.7** Q

Table E-3a *(URS Table 2-3a)*
Post-2002 Data Set - Soil Results - Metals - Tier-1

Sample Name	AOC	Sample Depth	Date Sampled	Antimony	Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Silver	Thallium	Vanadium	Zinc
		Airport Worker Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Construction Worker Tier-1 (a)		40	1.6	1500	12	750	80	230	320	10	40	150	40	10	200	600
		Ecological Receptor Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
W-B-12	3	0.5	4/16/2003	**25** J	**33**	**150** J	**44**	**90**	**6.2** J	**4200** J	**35** J	<0.02	**260** J	**340**	**2.7** J	NA	**19** J	**190**
W-B-12	3	3	4/15/2003	**3.3** Q	**12** Q	**51** Q	**14** Q	**28** Q	**3.7** Q	**580** Q	**7.9** Q	<0.06 Q	**16** Q	**50** Q	<1 Q	<2.5 Q	**11** Q	**51** Q
W-B-12	3	6	4/15/2003	<2.5 Q	<2.5 Q	**21** Q	<0.5 Q	**18** Q	**3.2** Q	**12** Q	<3 Q	<0.06 Q	<2 Q	**20** Q	<1 Q	<2.5 Q	**12** Q	**14** Q
W-B-12 (c)	3	0.5	4/16/2003	**11**	<2.5	**45**	**15**	**30**	**2.9**	**690**	**7.8**	<0.06	**19**	**51**	<1	<2.5	**11**	**51**
Area of Concern 5																		
ERM-B-10	5	2.5	4/17/2003	<10 UJ	**23**	**28** J	<1	**19**	**4** J	**4.7** J	<10 UJ	<0.018	<4 UJ	**21**	<1 UJ	NA	**13** J	**15**
ERM-B-11	5	2.5	4/17/2003	<10 UJ	**24**	**39** J	<1	**18**	<4 UJ	**4.1** J	<10 UJ	<0.018	<4 UJ	**20**	<1 UJ	NA	**13** J	**16**
W-B-1	5	0.5	4/14/2003	<2.5 Q	**2.6** Q	**100** Q	<0.5 Q	**190** Q	**5.9** Q	**16** Q	**4.7** Q	<0.06 Q	<2 Q	**120** Q	<1 Q	<2.5 Q	**20** Q	**33** Q
W-B-1	5	3	4/14/2003	<2.5 Q	<2.5 Q	**91** Q	<0.5 Q	**20** Q	**5.9** Q	**13** Q	**4.1** Q	<0.06 Q	<2 Q	**37** Q	<1 Q	<2.5 Q	**14** Q	**27** Q
W-B-2	5	0.5	4/14/2003	<2.5 Q	**2.6** Q	**90** Q	<0.5 Q	**60** Q	**6.7** Q	**17** Q	**5.4** Q	<0.06 Q	<2 Q	**51** Q	<1 Q	<2.5 Q	**18** Q	**43** Q
W-B-2	5	3	4/14/2003	<2.5 Q	<2.5 Q	**59** Q	<0.5 Q	**47** Q	**4.8** Q	**10** Q	**3.1** Q	<0.06 Q	<2 Q	**42** Q	<1 Q	<2.5 Q	**14** Q	**24** Q
W-B-2	5	4	4/14/2003	<10 UJ	**15**	**66** J	<1	**12**	<4 UJ	**2.6** J	<10 UJ	<0.02	<4 UJ	**15**	<1 UJ	NA	**8.9** J	**11**
W-B-3	5	0.5	4/14/2003	<2.5 Q	**2.8** Q	**88** Q	<0.5 Q	**180** Q	**7.5** Q	**17** Q	**4.1** Q	<0.06 Q	<2 Q	**120** Q	<1 Q	<2.5 Q	**19** Q	**32** Q
W-B-3	5	3	4/14/2003	<2.5 Q	<2.5 Q	**85** Q	<0.5 Q	**41** Q	**5.9** Q	**12** Q	**3.6** Q	<0.06 Q	<2 Q	**43** Q	<1 Q	<2.5 Q	**17** Q	**26** Q
W-B-3	5	3.5	4/14/2003	<10 UJ	**15**	**20** J	<1	**19**	<4 UJ	**4.6** J	<10 UJ	<0.02	<4 UJ	**21**	<1 UJ	NA	**12** J	**18**
Area of Concern 7																		
W-B-16	7	0.5	4/17/2003	<2.5 Q	<2.5 Q	**31** Q	<0.5 Q	**23** Q	**4.3** Q	**4.5** Q	<3 Q	**0.071** Q	<2 Q	**23** Q	<1 Q	<2.5 Q	**15** Q	**13** Q
W-B-16	7	1.5	4/17/2003	<10 UJ	**24**	**32** J	<1	**19**	<4 UJ	**4.9** J	<10 UJ	<0.019	<4 UJ	**22**	<1 UJ	NA	**14** J	**18**
W-B-16	7	3	4/17/2003	<2.5 Q	<2.5 Q	**12** Q	<0.5 Q	**17** Q	**3.2** Q	**3.6** Q	<3 Q	<0.06 Q	<2 Q	**19** Q	<1 Q	<2.5 Q	**14** Q	**9.9** Q
W-B-17	7	0.5	4/17/2003	<2.5 Q	<2.5 Q	**34** Q	<0.5 Q	**20** Q	**3.7** Q	**4.6** Q	<3 Q	**0.19** Q	<2 Q	**23** Q	<1 Q	<2.5 Q	**15** Q	**13** Q
W-B-17	7	1.5	4/17/2003	<10 UJ	**28**	**31** J	<1	**22**	**6.7** J	**6.6** J	<10 UJ	<0.017	<4 UJ	**25**	<1 UJ	NA	**15** J	**18**
W-B-17	7	3	4/17/2003	<2.5 Q	<2.5 Q	**29** Q	<0.5 Q	**26** Q	**7.3** Q	**5.8** Q	<3 Q	**0.13** Q	<2 Q	**25** Q	<1 Q	<2.5 Q	**15** Q	**15** Q
Area of Concern 8																		
ERM-B-12	8	2	4/17/2003	<10 UJ	**27**	**32** J	<1	**21**	**4.2** J	**5.5** J	<10 UJ	<0.018	<4 UJ	**24**	<1 UJ	NA	**15** J	**19**
Area of Concern 9																		
ERM-B-13	9	3.5	4/16/2003	<10 UJ	**14**	**19** J	<1	**11**	<4 UJ	**4** J	<10 UJ	<0.02	<4 UJ	**15**	<1 UJ	NA	**7.6** J	**13**
ERM-B-14	9	4.5	4/17/2003	<10 UJ	**36**	**37** J	<1	**23**	**6** J	**8** J	<10 UJ	**0.028**	<4 UJ	**30**	<1 UJ	**150** J	**16** J	**28**
W-B-21	9	0.5	4/17/2003	<2.5 Q	<2.5 Q	**47** Q	<0.5 Q	**32** Q	**4.9** Q	**7.2** Q	**4.5** Q	**0.075** Q	<2 Q	**32** Q	<1 Q	<2.5 Q	**16** Q	**18** Q
W-B-21	9	3	4/17/2003	<2.5 Q	<2.5 Q	**29** Q	<0.5 Q	**20** Q	**4** Q	**4.3** Q	<3 Q	**0.071** Q	<2 Q	**24** Q	<1 Q	<2.5 Q	**13** Q	**12** Q
W-B-22	9	0.5	4/18/2003	<2.5 Q	**2.6** Q	**55** Q	<0.5 Q	**25** Q	**4.1** Q	**5.2** Q	<3 Q	<0.06 Q	<2 Q	**25** Q	<1 Q	<2.5 Q	**15** Q	**18** Q
W-B-22	9	2.5	4/18/2003	<10 UJ	**22**	**29** J	<1	**16**	<4 UJ	**3.8** J	<10 UJ	<0.017	<4 UJ	**18**	<1 UJ	NA	**12** J	**20**
W-B-22	9	3	4/18/2003	<2.5 Q	<2.5 Q	**28** Q	<0.5 Q	**22** Q	**3.6** Q	**4.9** Q	<3 Q	<0.06 Q	<2 Q	**24** Q	<1 Q	<2.5 Q	**14** Q	**16** Q
W-B-23	9	0.5	4/18/2003	<2.5 Q	<2.5 Q	**30** Q	<0.5 Q	**24** Q	**3.8** Q	**4.6** Q	<3 Q	**0.09** Q	<2 Q	**25** Q	<1 Q	<2.5 Q	**16** Q	**16** Q
W-B-23	9	3	4/18/2003	<2.5 Q	**2.6** Q	**86** Q	<0.5 Q	**110** Q	**6.4** Q	**16** Q	**7.2** Q	<0.06 Q	<2 Q	**80** Q	<1 Q	<2.5 Q	**21** Q	**35** Q

Table E-3a *(URS Table 2-3a)*
Post-2002 Data Set - Soil Results - Metals - Tier-1

Sample Name	AOC	Sample Depth	Date Sampled	Antimony	Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Silver	Thallium	Vanadium	Zinc
		Airport Worker Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Construction Worker Tier-1 (a)		40	1.6	1500	12	750	80	230	320	10	40	150	40	10	200	600
		Ecological Receptor Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
Area of Concern 10																		
ERM-B-15	10	1	4/17/2003	<10 UJ	22	21 J	<1	17	<4 UJ	3.9 J	<10 UJ	<0.019	<4 UJ	21	<1 UJ	NA	13 J	18
Area of Concern 13																		
ERM-B-22	13	1.5	4/17/2003	<10 UJ	25	21 J	<1	18	<4 UJ	4 J	<10 UJ	<0.019	<4 UJ	20	<1 UJ	NA	13 J	15
Area of Concern 14																		
ERM-B-23	14	4.5	4/17/2003	<10 UJ	26	35 J	<1	17	4.2 J	7.9 J	<10 UJ	0.024	<4 UJ	21	<1 UJ	NA	15 J	31
W-B-32	14	0.5	4/16/2003	<2.5 Q	3.1 Q	33 Q	3.3 Q	30 Q	4.4 Q	20 Q	21 Q	<0.06 Q	<2 Q	26 Q	<1 Q	<2.5 Q	18 Q	120 Q
W-B-32	14	1.5	4/16/2003	<10 UJ	22	23 J	4.2	26	<4 UJ	23 J	20 J	0.029	<4 UJ	17	<1 UJ	NA	11 J	140
W-B-32	14	3	4/16/2003	<2.5 Q	<2.5 Q	22 Q	0.5 Q	19 Q	3.2 Q	5.7 Q	<3 Q	<0.06 Q	<2 Q	20 Q	<1 Q	<2.5 Q	13 Q	29 Q
W-B-32	14	8	4/16/2003	<2.5 Q	4.1 Q	42 Q	1.2 Q	41 Q	6.4 Q	13 Q	10 Q	<0.06 Q	<2 Q	40 Q	<1 Q	<2.5 Q	25 Q	42 Q
W-B-38	14	0.5	4/15/2003	<2.5 Q	<2.5 Q	38 Q	<0.5 Q	27 Q	5.2 Q	7 Q	<3 Q	<0.06 Q	<2 Q	32 Q	<1 Q	<2.5 Q	17 Q	22 Q
W-B-38	14	2.5	4/15/2003	<10 UJ	21	11 J	<1	16	<4 UJ	3.4 J	<10 UJ	<0.02	<4 UJ	20	<1 UJ	NA	12 J	14 J
W-B-38	14	3	4/15/2003	<2.5 Q	<2.5 Q	14 Q	<0.5 Q	17 Q	3.5 Q	3.9 Q	<3 Q	<0.06 Q	<2 Q	21 Q	<1 Q	<2.5 Q	13 Q	13 Q
W-B-38	14	8	4/15/2003	<2.5 Q	<2.5 Q	12 Q	<0.5 Q	14 Q	2.8 Q	3.4 Q	<3 Q	<0.06 Q	<2 Q	18 Q	<1 Q	<2.5 Q	9.3 Q	12 Q
W-B-39	14	0.5	4/14/2003	<2.5 Q	<2.5 Q	41 Q	<0.5 Q	21 Q	4.8 Q	6.1 Q	4.2 Q	<0.06 Q	<2 Q	27 Q	<1 Q	<2.5 Q	14 Q	21 Q
W-B-39	14	3	4/14/2003	<2.5 Q	<2.5 Q	10 Q	<0.5 Q	15 Q	3.2 Q	3.9 Q	<3 Q	<0.06 Q	<2 Q	20 Q	<1 Q	<2.5 Q	10 Q	12 Q
W-B-39	14	8	4/14/2003	<2.5 Q	<2.5 Q	31 Q	<0.5 Q	24 Q	4.2 Q	5.6 Q	<3 Q	<0.06 Q	<2 Q	28 Q	<1 Q	<2.5 Q	15 Q	18 Q
Area of Concern 16																		
W-B-13	16	0.5	4/15/2003	<2.5 Q	2.8 Q	58 Q	<0.5 Q	29 Q	5.5 Q	9.4 Q	<3 Q	<0.06 Q	<2 Q	34 Q	<1 Q	<2.5 Q	20 Q	27 Q
W-B-13	16	3	4/15/2003	<2.5 Q	<2.5 Q	26 Q	<0.5 Q	17 Q	2.9 Q	3.5 Q	<3 Q	<0.06 Q	<2 Q	18 Q	<1 Q	<2.5 Q	10 Q	12 Q
W-B-13	16	8	4/15/2003	<2.5 Q	<2.5 Q	36 Q	<0.5 Q	17 Q	2.5 Q	3 Q	<3 Q	<0.06 Q	<2 Q	15 Q	<1 Q	<2.5 Q	11 Q	9.6 Q
W-B-14	16	0	4/15/2003	<2.5 Q	<2.5 Q	26 Q	<0.5 Q	19 Q	3.7 Q	4.6 Q	<3 Q	<0.06 Q	<2 Q	23 Q	<1 Q	<2.5 Q	13 Q	16 Q
W-B-14	16	3	4/15/2003	<2.5 Q	<2.5 Q	51 Q	<0.5 Q	25 Q	4.4 Q	17 Q	<3 Q	<0.06 Q	<2 Q	28 Q	<1 Q	<2.5 Q	16 Q	21 Q
W-B-14	16	8	4/15/2003	<2.5 Q	<2.5 Q	26 Q	<0.5 Q	16 Q	3.1 Q	3.7 Q	<3 Q	<0.06 Q	<2 Q	18 Q	<1 Q	<2.5 Q	11 Q	12 Q
W-B-15	16	0.5	4/15/2003	<2.5 Q	<2.5 Q	53 Q	<0.5 Q	32 Q	5.6 Q	8.6 Q	<3 Q	<0.06 Q	<2 Q	39 Q	<1 Q	<2.5 Q	22 Q	26 Q
W-B-15	16	8	4/15/2003	<2.5 Q	<2.5 Q	39 Q	<0.5 Q	16 Q	3 Q	3.7 Q	<3 Q	<0.06 Q	<2 Q	18 Q	<1 Q	<2.5 Q	10 Q	13 Q
Area of Concern 18																		
W-B-18	18	4.5	4/18/2003	<2.5 Q	<2.5 Q	48 Q	<0.5 Q	25 Q	4.4 Q	6.2 Q	<3 Q	<0.06 Q	<2 Q	26 Q	<1 Q	<2.5 Q	15 Q	18 Q
W-B-18	18	8	4/18/2003	<2.5 Q	<2.5 Q	14 Q	<0.5 Q	22 Q	3.4 Q	4 Q	<3 Q	0.093 Q	<2 Q	18 Q	<1 Q	<2.5 Q	13 Q	11 Q
W-B-19	18	4	4/18/2003	<2.5 Q	<2.5 Q	20 Q	<0.5 Q	20 Q	3.4 Q	4.5 Q	<3 Q	<0.06 Q	<2 Q	22 Q	<1 Q	<2.5 Q	13 Q	15 Q
W-B-20	18	3	4/18/2003	<2.5 Q	<2.5 Q	39 Q	<0.5 Q	24 Q	3.6 Q	6.7 Q	<3 Q	<0.06 Q	<2 Q	24 Q	<1 Q	<2.5 Q	14 Q	21 Q
W-B-9	18	4	4/18/2003	<2.5 Q	<2.5 Q	27 Q	<0.5 Q	23 Q	3.3 Q	4.5 Q	<3 Q	0.064 Q	<2 Q	21 Q	<1 Q	<2.5 Q	14 Q	15 Q

Table E-3a *(URS Table 2-3a)*
Post-2002 Data Set - Soil Results - Metals - Tier-1

Sample Name	AOC	Sample Depth	Date Sampled	Antimony	Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Silver	Thallium	Vanadium	Zinc
		Airport Worker Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Construction Worker Tier-1 (a)		40	1.6	1500	12	750	80	230	320	10	40	150	40	10	200	600
		Ecological Receptor Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
Area of Concern 19																		
W-B-24	19	0.5	4/14/2003	<2.5 Q	<2.5 Q	**41** Q	<0.5 Q	**20** Q	**2.7** Q	**18** Q	**25** Q	<0.06 Q	<2 Q	**19** Q	<1 Q	<2.5 Q	**10** Q	**38** Q
W-B-24	19	3	4/14/2003	<2.5 Q	<2.5 Q	**45** Q	**0.55** Q	**30** Q	**5.3** Q	**9.3** Q	**4.3** Q	<0.06 Q	<2 Q	**34** Q	<1 Q	<2.5 Q	**18** Q	**33** Q
W-B-24	19	8	4/14/2003	<2.5 Q	<2.5 Q	**56** Q	<0.5 Q	**22** Q	**3.9** Q	**4.6** Q	<3 Q	<0.06 Q	<2 Q	**26** Q	<1 Q	<2.5 Q	**16** Q	**19** Q
W-B-25	19	0	4/15/2003	<2.5 Q	<2.5 Q	**19** Q	<0.5 Q	**17** Q	**3.2** Q	**4.5** Q	**7.9** Q	<0.06 Q	<2 Q	**18** Q	<1 Q	<2.5 Q	**10** Q	**15** Q
W-B-25	19	1.5	4/15/2003	<10 UJ	**82**	**120** J	<1	**55**	**11** J	**29** J	<10 UJ	<0.02	<4 UJ	**22**	<1 UJ	NA	**54** J	**61** J
W-B-25	19	3	4/15/2003	<2.5 Q	**3.3** Q	**88** Q	<0.5 Q	**89** Q	**7.8** Q	**12** Q	**5.7** Q	<0.06 Q	<2 Q	**71** Q	<1 Q	<2.5 Q	**27** Q	**38** Q
W-B-25	19	8	4/15/2003	<2.5 Q	<2.5 Q	**23** Q	<0.5 Q	**22** Q	**4.1** Q	**6.2** Q	**3.3** Q	<0.06 Q	<2 Q	**27** Q	<1 Q	<2.5 Q	**15** Q	**20** Q
W-B-25 (d)	19	1.5	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.42 Q	NA	NA
W-B-26	19	0.5	4/16/2003	<2.5 Q	<2.5 Q	**43** Q	<0.5 Q	**28** Q	**4.2** Q	**5.4** Q	**3.1** Q	<0.06 Q	<2 Q	**29** Q	<1 Q	<2.5 Q	**16** Q	**17** Q
W-B-26	19	12	4/16/2003	<2.5 Q	**2.9** Q	**38** Q	<0.5 Q	**28** Q	**4.3** Q	**5.4** Q	<3 Q	<0.06 Q	<2 Q	**29** Q	<1 Q	<2.5 Q	**19** Q	**19** Q
W-B-26	19	3	4/16/2003	<2.5 Q	<2.5 Q	**18** Q	<0.5 Q	**18** Q	**3.4** Q	**3.6** Q	<3 Q	<0.06 Q	<2 Q	**21** Q	<1 Q	<2.5 Q	**14** Q	**13** Q
W-B-27	19	0.5	4/16/2003	<2.5 Q	<2.5 Q	**26** Q	<0.5 Q	**18** Q	**3.4** Q	**4.4** Q	<3 Q	<0.06 Q	<2 Q	**21** Q	<1 Q	<2.5 Q	**13** Q	**13** Q
W-B-27	19	3	4/16/2003	<2.5 Q	NA	**42** Q	<0.5 Q	**15** Q	**2.7** Q	**2.7** Q	<3 Q	<0.06 Q	<2 Q	**16** Q	<1 Q	<2.5 Q	**10** Q	**9.5** Q
W-B-27	19	8	4/16/2003	<2.5 Q	<2.5 Q	**34** Q	<0.5 Q	**19** Q	**3.4** Q	**3.9** Q	<3 Q	<0.06 Q	<2 Q	**22** Q	<1 Q	<2.5 Q	**14** Q	**14** Q
W-B-28	19	0.5	4/16/2003	<2.5 Q	**3.2** Q	**38** Q	**7.5** Q	**31** Q	**6.2** Q	**150** Q	**16** Q	<0.06 Q	**3.4** Q	**39** Q	<1 Q	<2.5 Q	**16** Q	**41** Q
W-B-28	19	3	4/16/2003	<2.5 Q	**3.8** Q	**18** Q	<0.5 Q	**14** Q	**2.9** Q	**2.3** Q	<3 Q	<0.06 Q	<2 Q	**14** Q	<1 Q	<2.5 Q	**9.4** Q	**8.6** Q
W-B-28	19	8	4/16/2003	<2.5 Q	<2.5 Q	**27** Q	<0.5 Q	**23** Q	**3.7** Q	**4.3** Q	<3 Q	<0.06 Q	<2 Q	**24** Q	<1 Q	<2.5 Q	**14** Q	**14** Q
W-B-29	19	0.5	4/16/2003	<2.5 Q	**3.1** Q	**41** Q	<0.5 Q	**29** Q	**4.6** Q	**8.2** Q	**4.9** Q	<0.06 Q	<2 Q	**31** Q	<1 Q	<2.5 Q	**19** Q	**24** Q
W-B-29	19	1.5	4/16/2003	<10 UJ	**77**	**61** J	<1	**56**	**11** J	**20** J	<10 UJ	**0.039**	<4 UJ	**72**	<1 UJ	NA	**33** J	**52**
W-B-29	19	3	4/16/2003	<2.5 Q	<2.5 Q	**24** Q	<0.5 Q	**21** Q	**3.8** Q	**3.9** Q	<3 Q	<0.06 Q	<2 Q	**23** Q	<1 Q	<2.5 Q	**14** Q	**15** Q
W-B-29	19	8	4/16/2003	<2.5 Q	**2.9** Q	**21** Q	<0.5 Q	**17** Q	**2.8** Q	**2.8** Q	<3 Q	<0.06 Q	<2 Q	**17** Q	<1 Q	<2.5 Q	**11** Q	**11** Q
W-B-30	19	0.5	4/16/2003	<2.5 Q	**3.7** Q	**48** Q	**1** Q	**31** Q	**5.7** Q	**9.8** Q	**9.1** Q	**0.21** Q	<2 Q	**32** Q	<1 Q	<2.5 Q	**21** Q	**32** Q
W-B-30	19	3	4/16/2003	<2.5 Q	<2.5 Q	**20** Q	<0.5 Q	**21** Q	**3.8** Q	**3.9** Q	<3 Q	<0.06 Q	<2 Q	**24** Q	<1 Q	<2.5 Q	**14** Q	**14** Q
W-B-30	19	8	4/16/2003	<2.5 Q	**2.8** Q	**15** Q	<0.5 Q	**20** Q	**3.5** Q	**3.3** Q	<3 Q	<0.06 Q	<2 Q	**20** Q	<1 Q	<2.5 Q	**13** Q	**12** Q
W-B-31	19	0.5	4/16/2003	<2.5 Q	**2.8** Q	**30** Q	**2.1** Q	**24** Q	**4.2** Q	**15** Q	**6** Q	<0.06 Q	<2 Q	**25** Q	<1 Q	<2.5 Q	**16** Q	**71** Q
W-B-31	19	3	4/16/2003	<2.5 Q	**9.4** Q	**34** Q	**1.3** Q	**56** Q	**11** Q	**28** Q	**24** Q	**0.19** Q	<2 Q	**56** Q	<1 Q	<2.5 Q	**41** Q	**81** Q
W-B-31	19	3.5	4/16/2003	<2.5 Q	**6** Q	**34** Q	**6.8** Q	**74** Q	**10** Q	**33** Q	**34** Q	**0.49** Q	<2 Q	**53** Q	<1 Q	<2.5 Q	**40** Q	**110** Q
W-B-33	19	0.5	4/16/2003	<2.5 Q	**3.9** Q	**74** Q	**6.4** Q	**38** Q	**7.4** Q	**37** Q	**44** Q	**0.17** Q	<2 Q	**43** Q	<1 Q	<2.5 Q	**32** Q	**69** Q
W-B-33	19	2.5	4/16/2003	<2.5 Q	**4.3** Q	**29** Q	**1.1** Q	**31** Q	**5.8** Q	**9.9** Q	**7.4** Q	**0.12** Q	<2 Q	**34** Q	<1 Q	<2.5 Q	**21** Q	**33** Q
W-B-33	19	3	4/16/2003	<2.5 Q	**2.9** Q	**43** Q	**0.82** Q	**34** Q	**5.7** Q	**8.3** Q	**3.8** Q	<0.06 Q	<2 Q	**36** Q	<1 Q	<2.5 Q	**22** Q	**25** Q
W-B-33	19	8	4/16/2003	<2.5 Q	**3.8** Q	**32** Q	**1.7** Q	**47** Q	**7.6** Q	**18** Q	**16** Q	**0.068** Q	<2 Q	**44** Q	<1 Q	<2.5 Q	**30** Q	**60** Q
W-B-34	19	0.5	4/17/2003	<2.5 Q	**32** Q	**100** Q	<0.5 Q	**22** Q	**9.1** Q	**24** Q	**37** Q	**0.42** Q	<2 Q	**17** Q	<1 Q	<2.5 Q	**34** Q	**110** Q
W-B-34	19	3	4/17/2003	<2.5 Q	**6.1** Q	**46** Q	**2** Q	**50** Q	**8.8** Q	**23** Q	**19** Q	**0.28** Q	<2 Q	**52** Q	<1 Q	<2.5 Q	**31** Q	**67** Q

Table E-3a *(URS Table 2-3a)*
Post-2002 Data Set - Soil Results - Metals - Tier-1

Sample Name	AOC	Sample Depth	Date Sampled	Antimony	Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Silver	Thallium	Vanadium	Zinc
		Airport Worker Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Construction Worker Tier-1 (a)		40	1.6	1500	12	750	80	230	320	10	40	150	40	10	200	600
		Ecological Receptor Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
W-B-35	19	0.5	4/17/2003	<2.5 Q	**5.9** Q	**110** Q	**1.2** Q	**48** Q	**6.5** Q	**20** Q	**17** Q	**0.52** Q	<2 Q	**43** Q	<1 Q	<2.5 Q	**28** Q	**63** Q
W-B-35	19	3	4/17/2003	<2.5 Q	**2.5** Q	**39** Q	**0.75** Q	**25** Q	**5.4** Q	**12** Q	**10** Q	**0.094** Q	<2 Q	**24** Q	<1 Q	<2.5 Q	**21** Q	**27** Q
W-B-36	19	0.5	4/17/2003	<2.5 Q	<2.5 Q	**47** Q	<0.5 Q	**24** Q	**4.1** Q	**6.1** Q	**3.5** Q	<0.06 Q	<2 Q	**25** Q	<1 Q	<2.5 Q	**15** Q	**18** Q
W-B-36	19	3	4/17/2003	<2.5 Q	<2.5 Q	**28** Q	<0.5 Q	**19** Q	**3** Q	**4.3** Q	<3 Q	<0.06 Q	<2 Q	**20** Q	<1 Q	<2.5 Q	**13** Q	**12** Q
W-B-37	19	0.5	4/17/2003	<2.5 Q	<2.5 Q	**76** Q	**4.8** Q	**33** Q	**3.1** Q	**55** Q	**28** Q	**0.1** Q	<2 Q	**21** Q	**1** Q	<2.5 Q	**14** Q	**180** Q
W-B-37	19	4	4/17/2003	<2.5 Q	<2.5 Q	**16** Q	<0.5 Q	**23** Q	**3.8** Q	**4.9** Q	<3 Q	**0.088** Q	<2 Q	**23** Q	<1 Q	<2.5 Q	**15** Q	**14** Q

Notes

Yellow highlighting indicates an exceedance of the selected ESL.
Bolding indicates detected concentrations.
All units are in milligrams per kilogram (mg/kg).
Only analytes that have at least one detection are shown.
< = analyte was not detected at or above the laboratory method detection limit
ESL = environmental screening level
IP =incomplete pathway
NA = not analyzed

Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Footnotes

(a) Tier-1 airport and construction worker screening level value is based on commercial values in Table B Environmental Screening Levels (ESLs) Shallow Soils Where Groundwater is Not a Current or Potential Source of Drinking Water (RWQCB December 2013). If there are no ESLs available, USEPA industrial soil RSLs (November 2013).
(c) Analyzed by a second lab.
(d) Reanalyzed by graphite furnace.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.
USEPA. 2013. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. RSL Table Update. November.

Table E-3b *(URS Table 2-3b)*
Post-2002 Data Set - Soil Results - Metals - Tier-2

Sample Name	AOC	Sample Depth	Date Sampled	Arsenic	Cadmium	Copper	Molybdenum	Nickel	Thallium
		Airport Worker Tier-2		IP	IP	IP	IP	IP	IP
		Construction Worker Tier-2 (a)		10	110	12000	1500	6100	3.1
		Ecological Receptor Tier-2		IP	IP	IP	IP	IP	IP
Area of Concern 1									
ERM-B-1	1	3.5	4/15/2003	**18**	<1	**38** J	<4 UJ	**21**	NA
ERM-B-2	1	3.5	4/15/2003	**20**	<1	**4.9** J	<4 UJ	**18**	NA
W-B-4	1	0.5	4/14/2003	**3.8** Q	<0.5 Q	**19** Q	<2 Q	**51** Q	<2.5 Q
W-B-4	1	3	4/14/2003	**3** Q	<0.5 Q	**4.3** Q	<2 Q	**21** Q	<2.5 Q
W-B-4	1	3.5	4/14/2003	**16**	<1	**3.2** J	<4 UJ	**17**	NA
W-B-5	1	0.5	4/14/2003	**4.6** Q	**0.86** Q	**23** Q	<2 Q	**68** Q	<2.5 Q
W-B-5	1	3	4/14/2003	**2.7** Q	<0.5 Q	**4.9** Q	<2 Q	**24** Q	<2.5 Q
W-B-5	1	3.5	4/14/2003	**17**	<1	**3** J	<4 UJ	**18**	NA
W-B-6	1	0.5	4/14/2003	**4.2** Q	**0.66** Q	**19** Q	<2 Q	**47** Q	<2.5 Q
W-B-6	1	3	4/14/2003	**2.8** Q	<0.5 Q	**2.9** Q	<2 Q	**19** Q	<2.5 Q
W-B-6	1	3.5	4/14/2003	**30**	<1	**14** J	<4 UJ	**35**	NA
Area of Concern 2									
ERM-B-3	2	2.5	4/15/2003	**19**	<1	**6** J	<4 UJ	**19**	NA
ERM-B-4	2	2.5	4/15/2003	**19**	<1	**6.4** J	<4 UJ	**17**	**55** J
ERM-B-5	2	2.5	4/15/2003	**21**	<1	**7** J	<4 UJ	**21**	NA
ERM-B-6	2	2.5	4/15/2003	**19**	<1	**9** J	<4 UJ	**17**	**62** J
W-B-7	2	0.5	4/17/2003	<2.5 Q	**6.4** Q	**63** Q	**2.8** Q	**24** Q	<2.5 Q
W-B-7	2	1.5	4/17/2003	**21**	<1	**5.5** J	<4 UJ	**22**	NA
W-B-7	2	3	4/17/2003	**3** Q	<0.5 Q	**4.6** Q	<2 Q	**20** Q	<2.5 Q
W-B-8	2	0.5	4/14/2003	**11** Q	**3.5** Q	**160** Q	**7.7** Q	**51** Q	<2.5 Q
W-B-8	2	2	4/14/2003	**46**	<1	**25** J	<4 UJ	**32**	**200** J
W-B-8	2	3	4/14/2003	**12** Q	<0.5 Q	**18** Q	<2 Q	**25** Q	<2.5 Q
Area of Concern 3									
W-B-10	3	0	4/15/2003	<2.5 Q	**0.64** Q	**9.1** Q	<2 Q	**24** Q	<2.5 Q
W-B-10	3	3	4/15/2003	<2.5 Q	<0.5 Q	**3.5** Q	<2 Q	**19** Q	<2.5 Q
W-B-10	3	3.5	4/15/2003	**19**	<1	**3.6** J	<4 UJ	**19**	NA
W-B-10	3	6	4/15/2003	<2.5 Q	<0.5 Q	**3.8** Q	<2 Q	**17** Q	<2.5 Q
W-B-11	3	0.5	4/15/2003	<2.5 Q	<0.5 Q	**7.6** Q	<2 Q	**25** Q	<2.5 Q
W-B-11	3	1.5	4/15/2003	**29**	<1	**6.6** J	<4 UJ	**26**	NA
W-B-11	3	3	4/16/2003	<2.5 Q	<0.5 Q	**8.8** Q	<2 Q	**34** Q	<2.5 Q
W-B-11	3	8	4/15/2003	<2.5 Q	<0.5 Q	**3.2** Q	<2 Q	**14** Q	<2.5 Q
W-B-12	3	0.5	4/16/2003	**33**	**44**	**4200** J	**260** J	**340**	NA
W-B-12	3	3	4/15/2003	**12** Q	**14** Q	**580** Q	**16** Q	**50** Q	<2.5 Q
W-B-12	3	6	4/15/2003	<2.5 Q	<0.5 Q	**12** Q	<2 Q	**20** Q	<2.5 Q
W-B-12 (c)	3	0.5	4/16/2003	<2.5	**15**	**690**	**19**	**51**	<2.5
Area of Concern 5									
ERM-B-10	5	2.5	4/17/2003	**23**	<1	**4.7** J	<4 UJ	**21**	NA
ERM-B-11	5	2.5	4/17/2003	**24**	<1	**4.1** J	<4 UJ	**20**	NA
W-B-1	5	0.5	4/14/2003	**2.6** Q	<0.5 Q	**16** Q	<2 Q	**120** Q	<2.5 Q
W-B-1	5	3	4/14/2003	<2.5 Q	<0.5 Q	**13** Q	<2 Q	**37** Q	<2.5 Q

Table E-3b *(URS Table 2-3b)*
Post-2002 Data Set - Soil Results - Metals - Tier-2

Sample Name	AOC	Sample Depth	Date Sampled	Arsenic		Cadmium		Copper		Molybdenum		Nickel		Thallium	
		Airport Worker Tier-2		IP		IP		IP		IP		IP		IP	
		Construction Worker Tier-2 (a)		10		110		12000		1500		6100		3.1	
		Ecological Receptor Tier-2		IP		IP		IP		IP		IP		IP	
W-B-2	5	0.5	4/14/2003	**2.6**	Q	<0.5	Q	**17**	Q	<2	Q	**51**	Q	<2.5	Q
W-B-2	5	3	4/14/2003	<2.5	Q	<0.5	Q	**10**	Q	<2	Q	**42**	Q	<2.5	Q
W-B-2	5	4	4/14/2003	**15**		<1		**2.6**	J	<4	UJ	**15**		NA	
W-B-3	5	0.5	4/14/2003	**2.8**	Q	<0.5	Q	**17**	Q	<2	Q	**120**	Q	<2.5	Q
W-B-3	5	3	4/14/2003	<2.5	Q	<0.5	Q	**12**	Q	<2	Q	**43**	Q	<2.5	Q
W-B-3	5	3.5	4/14/2003	**15**		<1		**4.6**	J	<4	UJ	**21**		NA	
Area of Concern 7															
W-B-16	7	0.5	4/17/2003	<2.5	Q	<0.5	Q	**4.5**	Q	<2	Q	**23**	Q	<2.5	Q
W-B-16	7	1.5	4/17/2003	**24**		<1		**4.9**	J	<4	UJ	**22**		NA	
W-B-16	7	3	4/17/2003	<2.5	Q	<0.5	Q	**3.6**	Q	<2	Q	**19**	Q	<2.5	Q
W-B-17	7	0.5	4/17/2003	<2.5	Q	<0.5	Q	**4.6**	Q	<2	Q	**23**	Q	<2.5	Q
W-B-17	7	1.5	4/17/2003	**28**		<1		**6.6**	J	<4	UJ	**25**		NA	
W-B-17	7	3	4/17/2003	<2.5	Q	<0.5	Q	**5.8**	Q	<2	Q	**25**	Q	<2.5	Q
Area of Concern 8															
ERM-B-12	8	2	4/17/2003	**27**		<1		**5.5**	J	<4	UJ	**24**		NA	
Area of Concern 9															
ERM-B-13	9	3.5	4/16/2003	**14**		<1		**4**	J	<4	UJ	**15**		NA	
ERM-B-14	9	4.5	4/17/2003	**36**		<1		**8**	J	<4	UJ	**30**		**150**	J
W-B-21	9	0.5	4/17/2003	<2.5	Q	<0.5	Q	**7.2**	Q	<2	Q	**32**	Q	<2.5	Q
W-B-21	9	3	4/17/2003	<2.5	Q	<0.5	Q	**4.3**	Q	<2	Q	**24**	Q	<2.5	Q
W-B-22	9	0.5	4/18/2003	**2.6**	Q	<0.5	Q	**5.2**	Q	<2	Q	**25**	Q	<2.5	Q
W-B-22	9	2.5	4/18/2003	**22**		<1		**3.8**	J	<4	UJ	**18**		NA	
W-B-22	9	3	4/18/2003	<2.5	Q	<0.5	Q	**4.9**	Q	<2	Q	**24**	Q	<2.5	Q
W-B-23	9	0.5	4/18/2003	<2.5	Q	<0.5	Q	**4.6**	Q	<2	Q	**25**	Q	<2.5	Q
W-B-23	9	3	4/18/2003	**2.6**	Q	<0.5	Q	**16**	Q	<2	Q	**80**	Q	<2.5	Q
Area of Concern 10															
ERM-B-15	10	1	4/17/2003	**22**		<1		**3.9**	J	<4	UJ	**21**		NA	
Area of Concern 13															
ERM-B-22	13	1.5	4/17/2003	**25**		<1		**4**	J	<4	UJ	**20**		NA	
Area of Concern 14															
ERM-B-23	14	4.5	4/17/2003	**26**		<1		**7.9**	J	<4	UJ	**21**		NA	
W-B-32	14	0.5	4/16/2003	**3.1**	Q	**3.3**	Q	**20**	Q	<2	Q	**26**	Q	<2.5	Q
W-B-32	14	1.5	4/16/2003	**22**		**4.2**		**23**	J	<4	UJ	**17**		NA	
W-B-32	14	3	4/16/2003	<2.5	Q	**0.5**	Q	**5.7**	Q	<2	Q	**20**	Q	<2.5	Q
W-B-32	14	8	4/16/2003	**4.1**	Q	**1.2**	Q	**13**	Q	<2	Q	**40**	Q	<2.5	Q
W-B-38	14	0.5	4/15/2003	<2.5	Q	<0.5	Q	**7**	Q	<2	Q	**32**	Q	<2.5	Q
W-B-38	14	2.5	4/15/2003	**21**		<1		**3.4**	J	<4	UJ	**20**		NA	
W-B-38	14	3	4/15/2003	<2.5	Q	<0.5	Q	**3.9**	Q	<2	Q	**21**	Q	<2.5	Q
W-B-38	14	8	4/15/2003	<2.5	Q	<0.5	Q	**3.4**	Q	<2	Q	**18**	Q	<2.5	Q
W-B-39	14	0.5	4/14/2003	<2.5	Q	<0.5	Q	**6.1**	Q	<2	Q	**27**	Q	<2.5	Q
W-B-39	14	3	4/14/2003	<2.5	Q	<0.5	Q	**3.9**	Q	<2	Q	**20**	Q	<2.5	Q
W-B-39	14	8	4/14/2003	<2.5	Q	<0.5	Q	**5.6**	Q	<2	Q	**28**	Q	<2.5	Q

Table E-3b *(URS Table 2-3b)*
Post-2002 Data Set - Soil Results - Metals - Tier-2

Sample Name	AOC	Sample Depth	Date Sampled	Arsenic		Cadmium		Copper		Molybdenum		Nickel		Thallium	
		Airport Worker Tier-2		IP		IP		IP		IP		IP		IP	
		Construction Worker Tier-2 (a)		10		110		12000		1500		6100		3.1	
		Ecological Receptor Tier-2		IP		IP		IP		IP		IP		IP	
Area of Concern 16															
W-B-13	16	0.5	4/15/2003	**2.8**	Q	<0.5	Q	**9.4**	Q	<2	Q	**34**	Q	<2.5	Q
W-B-13	16	3	4/15/2003	<2.5	Q	<0.5	Q	**3.5**	Q	<2	Q	**18**	Q	<2.5	Q
W-B-13	16	8	4/15/2003	<2.5	Q	<0.5	Q	**3**	Q	<2	Q	**15**	Q	<2.5	Q
W-B-14	16	0	4/15/2003	<2.5	Q	<0.5	Q	**4.6**	Q	<2	Q	**23**	Q	<2.5	Q
W-B-14	16	3	4/15/2003	<2.5	Q	<0.5	Q	**17**	Q	<2	Q	**28**	Q	<2.5	Q
W-B-14	16	8	4/15/2003	<2.5	Q	<0.5	Q	**3.7**	Q	<2	Q	**18**	Q	<2.5	Q
W-B-15	16	0.5	4/15/2003	<2.5	Q	<0.5	Q	**8.6**	Q	<2	Q	**39**	Q	<2.5	Q
W-B-15	16	8	4/15/2003	<2.5	Q	<0.5	Q	**3.7**	Q	<2	Q	**18**	Q	<2.5	Q
Area of Concern 18															
W-B-18	18	4.5	4/18/2003	<2.5	Q	<0.5	Q	**6.2**	Q	<2	Q	**26**	Q	<2.5	Q
W-B-18	18	8	4/18/2003	<2.5	Q	<0.5	Q	**4**	Q	<2	Q	**18**	Q	<2.5	Q
W-B-19	18	4	4/18/2003	<2.5	Q	<0.5	Q	**4.5**	Q	<2	Q	**22**	Q	<2.5	Q
W-B-20	18	3	4/18/2003	<2.5	Q	<0.5	Q	**6.7**	Q	<2	Q	**24**	Q	<2.5	Q
W-B-9	18	4	4/18/2003	<2.5	Q	<0.5	Q	**4.5**	Q	<2	Q	**21**	Q	<2.5	Q
Area of Concern 19															
W-B-24	19	0.5	4/14/2003	<2.5	Q	<0.5	Q	**18**	Q	<2	Q	**19**	Q	<2.5	Q
W-B-24	19	3	4/14/2003	<2.5	Q	**0.55**	Q	**9.3**	Q	<2	Q	**34**	Q	<2.5	Q
W-B-24	19	8	4/14/2003	<2.5	Q	<0.5	Q	**4.6**	Q	<2	Q	**26**	Q	<2.5	Q
W-B-25	19	0	4/15/2003	<2.5	Q	<0.5	Q	**4.5**	Q	<2	Q	**18**	Q	<2.5	Q
W-B-25	19	1.5	4/15/2003	**82**		<1		**29**	J	<4	UJ	**22**		NA	
W-B-25	19	3	4/15/2003	**3.3**	Q	<0.5	Q	**12**	Q	<2	Q	**71**	Q	<2.5	Q
W-B-25	19	8	4/15/2003	<2.5	Q	<0.5	Q	**6.2**	Q	<2	Q	**27**	Q	<2.5	Q
W-B-25 (d)	19	1.5	4/15/2003	NA		NA		NA		NA		NA		<0.42	Q
W-B-26	19	0.5	4/16/2003	<2.5	Q	<0.5	Q	**5.4**	Q	<2	Q	**29**	Q	<2.5	Q
W-B-26	19	12	4/16/2003	**2.9**	Q	<0.5	Q	**5.4**	Q	<2	Q	**29**	Q	<2.5	Q
W-B-26	19	3	4/16/2003	<2.5	Q	<0.5	Q	**3.6**	Q	<2	Q	**21**	Q	<2.5	Q
W-B-27	19	0.5	4/16/2003	<2.5	Q	<0.5	Q	**4.4**	Q	<2	Q	**21**	Q	<2.5	Q
W-B-27	19	3	4/16/2003	NA		<0.5	Q	**2.7**	Q	<2	Q	**16**	Q	<2.5	Q
W-B-27	19	8	4/16/2003	<2.5	Q	<0.5	Q	**3.9**	Q	<2	Q	**22**	Q	<2.5	Q
W-B-28	19	0.5	4/16/2003	**3.2**	Q	**7.5**	Q	**150**	Q	**3.4**	Q	**39**	Q	<2.5	Q
W-B-28	19	3	4/16/2003	**3.8**	Q	<0.5	Q	**2.3**	Q	<2	Q	**14**	Q	<2.5	Q
W-B-28	19	8	4/16/2003	<2.5	Q	<0.5	Q	**4.3**	Q	<2	Q	**24**	Q	<2.5	Q
W-B-29	19	0.5	4/16/2003	**3.1**	Q	<0.5	Q	**8.2**	Q	<2	Q	**31**	Q	<2.5	Q
W-B-29	19	1.5	4/16/2003	**77**		<1		**20**	J	<4	UJ	**72**		NA	
W-B-29	19	3	4/16/2003	<2.5	Q	<0.5	Q	**3.9**	Q	<2	Q	**23**	Q	<2.5	Q
W-B-29	19	8	4/16/2003	**2.9**	Q	<0.5	Q	**2.8**	Q	<2	Q	**17**	Q	<2.5	Q
W-B-30	19	0.5	4/16/2003	**3.7**	Q	**1**	Q	**9.8**	Q	<2	Q	**32**	Q	<2.5	Q
W-B-30	19	3	4/16/2003	<2.5	Q	<0.5	Q	**3.9**	Q	<2	Q	**24**	Q	<2.5	Q
W-B-30	19	8	4/16/2003	**2.8**	Q	<0.5	Q	**3.3**	Q	<2	Q	**20**	Q	<2.5	Q
W-B-31	19	0.5	4/16/2003	**2.8**	Q	**2.1**	Q	**15**	Q	<2	Q	**25**	Q	<2.5	Q
W-B-31	19	3	4/16/2003	**9.4**	Q	**1.3**	Q	**28**	Q	<2	Q	**56**	Q	<2.5	Q
W-B-31	19	3.5	4/16/2003	**6**	Q	**6.8**	Q	**33**	Q	<2	Q	**53**	Q	<2.5	Q
W-B-33	19	0.5	4/16/2003	**3.9**	Q	**6.4**	Q	**37**	Q	<2	Q	**43**	Q	<2.5	Q
W-B-33	19	2.5	4/16/2003	**4.3**	Q	**1.1**	Q	**9.9**	Q	<2	Q	**34**	Q	<2.5	Q

Table E-3b *(URS Table 2-3b)*
Post-2002 Data Set - Soil Results - Metals - Tier-2

Sample Name	AOC	Sample Depth	Date Sampled	Arsenic	Cadmium	Copper	Molybdenum	Nickel	Thallium
		Airport Worker Tier-2		IP	IP	IP	IP	IP	IP
		Construction Worker Tier-2 (a)		10	110	12000	1500	6100	3.1
		Ecological Receptor Tier-2		IP	IP	IP	IP	IP	IP
W-B-33	19	3	4/16/2003	**2.9** Q	**0.82** Q	**8.3** Q	<2 Q	**36** Q	<2.5 Q
W-B-33	19	8	4/16/2003	**3.8** Q	**1.7** Q	**18** Q	<2 Q	**44** Q	<2.5 Q
W-B-34	19	0.5	4/17/2003	**32** Q	<0.5 Q	**24** Q	<2 Q	**17** Q	<2.5 Q
W-B-34	19	3	4/17/2003	**6.1** Q	**2** Q	**23** Q	<2 Q	**52** Q	<2.5 Q
W-B-35	19	0.5	4/17/2003	**5.9** Q	**1.2** Q	**20** Q	<2 Q	**43** Q	<2.5 Q
W-B-35	19	3	4/17/2003	**2.5** Q	**0.75** Q	**12** Q	<2 Q	**24** Q	<2.5 Q
W-B-36	19	0.5	4/17/2003	<2.5 Q	<0.5 Q	**6.1** Q	<2 Q	**25** Q	<2.5 Q
W-B-36	19	3	4/17/2003	<2.5 Q	<0.5 Q	**4.3** Q	<2 Q	**20** Q	<2.5 Q
W-B-37	19	0.5	4/17/2003	<2.5 Q	**4.8** Q	**55** Q	<2 Q	**21** Q	<2.5 Q
W-B-37	19	4	4/17/2003	<2.5 Q	<0.5 Q	**4.9** Q	<2 Q	**23** Q	<2.5 Q

Notes

Yellow highlighting indicates an exceedance of the selected ESL.

Bolding indicates detected concentrations.

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

Only analytes that have at least one detection and have exceeded the Tier-1 screening level are shown.

< = analyte was not detected at or above the laboratory method detection limit

ESL = environmental screening level

IP =incomplete pathway

NA = not analyzed

Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Footnotes

(a) Tier 2 construction worker screening level value is based on Table K-3 Environmental Screening Levels (ESLs) Direct Exposure Soil Screening Levels Construction/Trench Worker Exposure Scenario (RWQCB December 2013).

(c) Analyzed by a second lab.

(d) Reanalyzed by graphite furnace.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated

USEPA. 2013. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. RSL Table Update. November.

Table E-4a *(URS Table 2-4a)*
Post-2002 Data Set - Groundwater Results - TPH - Tier-1

Sample Location	AOC	Date Sampled	TPH-d		TPH-d (sg)		TPH-g		TPH-ho		TPH-jf		TPH-mo	
Airport Worker Tier-1 (a)			640		640		500		640		640		640	
Construction Worker Tier-1 (a)			640		640		500		640		640		640	
Ecological Receptor Tier-1 (a)			640		640		500		640		640		640	
Area of Concern 1														
ERM-B-1	1	4/15/2003	**2300**	J	**340**	J	**110**	Y	NA		NA		NA	
ERM-B-2	1	4/15/2003	**5500**	J Y	<560	UJ	**71**	Y	NA		NA		NA	
W-B-4	1	4/15/2003	**140**	J Y	**97**	J Y	<50		NA		NA		NA	
W-B-5	1	4/15/2003	<500	UJ Y	NA		<50		NA		NA		NA	
W-B-6	1	4/15/2003	**520**	J Y	**260**	J Y	<50		NA		NA		NA	
Area of Concern 2														
ERM-B-3	2	4/15/2003	**930**	Y	**200**	Y	<50		NA		NA		NA	
ERM-B-4	2	4/15/2003	**4500**	J	**840**	J	<50		NA		NA		NA	
ERM-B-5	2	4/15/2003	**12000**	J	**4700**	J	<500		NA		NA		NA	
ERM-B-6	2	4/15/2003	**7700**	J	**990**	J	**1700**		NA		NA		NA	
ERM-B-7	2	4/15/2003	**1900**	J	**150**	J	<50	J	NA		NA		NA	
ERM-MW-06	2	5/9/2003	<50		NA		<50		<100		<100		<100	
ERM-MW-06	2	11/6/2003	**390**		**110**		NA		<250		<50		<250	
ERM-MW-06	2	6/27/2006	NA		NA		<50	UJ	NA		NA		NA	
ERM-MW-06 (b)	2	5/9/2003	NA		NA		<50		NA		NA		NA	
ERM-MW-07	2	5/9/2003	**89**	Y	NA		<50		<100		<100		**110**	Y
ERM-MW-07	2	11/6/2003	<50		NA		NA		<250		<50		<250	
ERM-MW-07	2	6/26/2006	<50		NA		<50		<300		<50		<300	
ERM-MW-07 (b)	2	5/9/2003	NA		NA		<50		NA		NA		NA	
ERM-MW-08	2	5/9/2003	**170**	Y	NA		<50		<100		<100		**150**	Y
ERM-MW-08	2	11/6/2003	**1100**		**250**	J	NA		**1900**		<50		<250	
ERM-MW-08	2	6/26/2006	**450**	Y	NA		**77**	Y	**330**	Y	**400**	Y	<300	
ERM-MW-08 (b)	2	5/9/2003	NA		NA		<50		NA		NA		NA	
ERM-MW-09	2	5/9/2003	**540**	Y	NA		**220**	J	<100		<100		**270**	Y
ERM-MW-09	2	11/6/2003	**2600**		**760**		NA		**1300**		<250		<250	
ERM-MW-09	2	6/26/2006	**920**	Y	NA		**460**	Y	**580**	Y	**820**	Y	<300	
ERM-MW-09 (b)	2	5/9/2003	NA		NA		<50		NA		NA		NA	
W-B-7	2	4/17/2003	**83**	J	**79**	J	<50		NA		NA		NA	
W-B-8	2	4/14/2003	**91**	J	**100**	J	<50		NA		**210**		**1100**	
W-B-8 (b)	2	4/14/2003	NA		**210**		NA		NA		NA		NA	
Area of Concern 3														
ERM-MW-10	3	5/9/2003	**75**	Y	NA		<50		<100		<100		**110**	Y
ERM-MW-10	3	11/6/2003	**140**		**180**		NA		**620**		<50		<250	
ERM-MW-10	3	6/26/2006	<50		NA		<50		<300		<50		<300	
ERM-MW-10 (b)	3	5/9/2003	NA		NA		<50		NA		NA		NA	
W-B-10	3	4/15/2003	**160**	J Y	**93**	J Y	<50		NA		NA		NA	
W-B-11	3	4/15/2003	**140**	J	**120**	J	<50		NA		NA		NA	
W-B-12	3	4/15/2003	**4100**	J	**5100**	J	<50		NA		NA		NA	
Area of Concern 4														
ERM-B-8	4	4/16/2003	**52**	Y	**72**	Y	<50	UJ	NA		NA		NA	
ERM-B-9	4	4/16/2003	**120**	Y	**150**	Y	<50	UJ	NA		NA		NA	
Area of Concern 5														
ERM-B-10	5	4/17/2003	**96**	Y	<73.1	U	**59**	Y	NA		NA		NA	
ERM-B-11	5	4/17/2003	**110**	J	<73.1	U	<50		NA		NA		NA	
W-B-1	5	4/14/2003	**110**	Q	NA		<50	Q	NA		<50	Q	**540**	Q
W-B-2	5	4/14/2003	**200**	J Y	**88**	J Y	**90**		NA		<50		<250	
W-B-2 (b)	5	4/14/2003	<50		NA		<50	Y	NA		NA		NA	
W-B-3	5	4/15/2003	**120**		<78.9	U	**85**	Y	NA		<50		**650**	
W-B-3 (b)	5	4/15/2003	**98**		NA		<50		NA		NA		NA	

Table E-4a *(URS Table 2-4a)*
Post-2002 Data Set - Groundwater Results - TPH - Tier-1

Sample Location	AOC	Date Sampled	TPH-d		TPH-d (sg)		TPH-g		TPH-ho	TPH-jf		TPH-mo	
Airport Worker Tier-1 (a)			640		640		500		640	640		640	
Construction Worker Tier-1 (a)			640		640		500		640	640		640	
Ecological Receptor Tier-1 (a)			640		640		500		640	640		640	
Area of Concern 6													
ERM-B-27	6	4/17/2003	**550**	J	**180**		NA		NA	NA		NA	
Area of Concern 7													
W-B-16	7	4/17/2003	**69**	Y	<73.1	U	<50		NA	<50		<250	
W-B-16 (b)	7	4/17/2003	**57**		NA		<50		NA	NA		NA	
W-B-17	7	4/17/2003	**660**	J	**220**	Y	<50		NA	<50		<250	
W-B-17 (b)	7	4/17/2003	<50		NA		<50		NA	NA		NA	
Area of Concern 8													
ERM-B-12	8	4/17/2003	<50		NA		<50		NA	NA		NA	
Area of Concern 9													
ERM-B-13	9	4/16/2003	**86**	Y	**77**	Y	<50		NA	NA		NA	
ERM-B-14	9	4/17/2003	**110**	J	**170**	Y	<50		NA	NA		NA	
P-2/UAL-MW-05	9	6/27/2006	NA		NA		<50		NA	NA		NA	
P-2/UAL-MW-5	9	4/18/2003	<50	Y	NA		<50		NA	NA		NA	
P-2/UAL-MW-5	9	4/22/2003	<50	Q	NA		<50	Q	NA	<50	Q	<250	Q
W-B-22	9	4/18/2003	<50	UJ	NA		<50	UJ	NA	NA		NA	
Area of Concern 11													
ERM-B-16	11	4/16/2003	**59**	Y	**82**	Y	NA		NA	NA		NA	
ERM-B-17	11	4/16/2003	**51**	Y	**80**	Y	NA		NA	NA		NA	
ERM-B-18	11	4/16/2003	**96**	J	**100**	J	NA		NA	NA		NA	
ERM-B-19	11	4/16/2003	**80**	J	**100**	J	NA		NA	NA		NA	
Area of Concern 12													
ERM-B-20	12	4/17/2003	**61**	Y	**83**	J	NA		NA	NA		NA	
ERM-B-21	12	4/17/2003	**130**	J	**130**	Y	NA		NA	NA		NA	
Area of Concern 14													
ERM-B-23	14	4/17/2003	<50		NA		<50		NA	NA		NA	
W-B-32	14	4/16/2003	**250**	Y	**160**	Y	<50		NA	NA		NA	
W-B-38	14	4/15/2003	**230**	J	**120**	J	<50		NA	NA		NA	
Area of Concern 15													
ERM-B-24	15	4/15/2003	**620**	J	**160**		NA		NA	NA		NA	
ERM-B-25	15	4/15/2003	**370**	J	**140**	J	NA		NA	NA		NA	
ERM-B-26	15	4/16/2003	**360**		**140**		NA		NA	NA		NA	
Area of Concern 16													
W-B-14	16	4/15/2003	**67**	J	**69**	J	NA		NA	NA		NA	
Area of Concern 17													
P-1/UAL-MW-04	17	6/27/2006	NA		NA		<50	UJ	NA	NA		NA	
P-1/UAL-MW-4	17	4/18/2003	**82**	Y	**100**	J	<50		NA	NA		NA	
P-1/UAL-MW-4	17	4/22/2003	<50	Q	NA		<50	Q	NA	<50	Q	<250	Q
UAL-MW-01	17	6/27/2006	NA		NA		<50	UJ	NA	NA		NA	
UAL-MW-02	17	6/27/2006	NA		NA		<50	UJ	NA	NA		NA	
UAL-MW-03	17	6/27/2006	NA		NA		<50	UJ	NA	NA		NA	
UAL-MW-1	17	4/15/2003	<50		NA		<50		NA	<50		<250	
UAL-MW-1	17	4/18/2003	<50		NA		<50		NA	NA		NA	
UAL-MW-1	17	11/6/2003	<50		NA		<50		<250	<50		<250	
UAL-MW-2	17	4/15/2003	<50	Q	NA		<50	Q	NA	<50	Q	<250	Q
UAL-MW-2	17	4/18/2003	**280**	J	**120**	J	<50		NA	NA		NA	
UAL-MW-2	17	11/6/2003	<50		NA		<50		<250	<50		<250	
UAL-MW-3	17	4/15/2003	<50		NA		<50		NA	<50		<250	
UAL-MW-3	17	4/18/2003	**86**	Y	**78**	J	<50		NA	NA		NA	

Table E-4a *(URS Table 2-4a)*
Post-2002 Data Set - Groundwater Results - TPH - Tier-1

Sample Location	AOC	Date Sampled	TPH-d		TPH-d (sg)	TPH-g		TPH-ho	TPH-jf		TPH-mo	
		Airport Worker Tier-1 (a)	640		640	500		640	640		640	
		Construction Worker Tier-1 (a)	640		640	500		640	640		640	
		Ecological Receptor Tier-1 (a)	640		640	500		640	640		640	
Area of Concern 18												
W-B-18	18	4/18/2003	<50	Q	NA	<50	Q	NA	<50	Q	<250	Q
W-B-19	18	4/18/2003	<50	Q	NA	<50	Q	NA	<50	Q	<250	Q
W-B-20	18	4/18/2003	<50	Q	NA	<50	Q	NA	<50	Q	<250	Q
W-B-20D	18	4/18/2003	<50	Q	NA	<50	Q	NA	<50	Q	<250	Q
W-B-9	18	4/18/2003	<50	Q	NA	<50	Q	NA	<50	Q	<250	Q
Area of Concern 19												
W-B-25	19	4/16/2003	<50		NA	<50		NA	NA		NA	
W-B-29	19	4/16/2003	<50		NA	<50		NA	NA		NA	

Notes

Yellow highlighting indicates an exceedance of the selected ESL.
Bolding indicates detected concentrations.
All units are in micrograms per liter (ug/L).
Only analytes that have at least one detection are shown.
< = analyte was not detected at or above the laboratory method detection limit
ESL = environmental screening level
NA = not analyzed
sg = silica gel clean up
TPH-d = total petroleum hydrocarbon as diesel range organics
TPH-g = total petroleum hydrocarbon as gasoline range organics
TPH-ho = total petroleum hydrocarbon as hydraulic oil
TPH-jf = total petroleum hydrocarbon as jet fuel
TPH-mo = total petroleum hydrocarbon as motor oil range organics

Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the
Y = Sample exhibits chromatographic pattern which does not resemble standard

Footnotes

(a) Tier-1 airport and construction worker screening level value is based on commercial values in Table B Environmental Screening Levels (ESLs) Shallow Soils Where Groundwater is Not a Current or Potential Source of Drinking Water (RWQCB December 2013). Tier-1 ecological receptor screening level value is based on estuarine values in Table F Environmental Screening Levels (ESLs) Surface Water Bodies (RWQCB December 2013).
(b) Analyte analyzed by a second method.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Table E-4b *(URS Table 2-4b)*
Post-2002 Data Set - Groundwater Results - TPH - Tier-2

Sample Location	AOC	Date Sampled	TPH-d		TPH-d (sg)		TPH-g		TPH-ho		TPH-jf		TPH-mo	
Airport Worker Tier-2 (a)			NS		NS		NS		NS		NS		NS	
Construction Worker Tier-2 (a)			NS		NS		NS		NS		NS		NS	
Ecological Receptor Tier-2 (a)			4500		4500		3500		4500		4500		4500	
Area of Concern 1														
ERM-B-1	1	4/15/2003	**2300**	J	**340**	J	**110**	Y	NA		NA		NA	
ERM-B-2	1	4/15/2003	**5500**	J Y	<560	UJ	**71**	Y	NA		NA		NA	
W-B-4	1	4/15/2003	**140**	J Y	**97**	J Y	<50		NA		NA		NA	
W-B-5	1	4/15/2003	<500	UJ Y	NA		<50		NA		NA		NA	
W-B-6	1	4/15/2003	**520**	J Y	**260**	J Y	<50		NA		NA		NA	
Area of Concern 2														
ERM-B-3	2	4/15/2003	**930**	Y	**200**	Y	<50		NA		NA		NA	
ERM-B-4	2	4/15/2003	**4500**	J	**840**	J	<50		NA		NA		NA	
ERM-B-5	2	4/15/2003	**12000**	J	**4700**	J	<500		NA		NA		NA	
ERM-B-6	2	4/15/2003	**7700**	J	**990**	J	**1700**		NA		NA		NA	
ERM-B-7	2	4/15/2003	**1900**	J	**150**	J	<50	J	NA		NA		NA	
ERM-MW-06	2	5/9/2003	<50		NA		<50		<100		<100		<100	
ERM-MW-06	2	11/6/2003	**390**		**110**		NA		<250		<50		<250	
ERM-MW-06	2	6/27/2006	NA		NA		<50	UJ	NA		NA		NA	
ERM-MW-06 (b)	2	5/9/2003	NA		NA		<50		NA		NA		NA	
ERM-MW-07	2	5/9/2003	**89**	Y	NA		<50		<100		<100		**110**	Y
ERM-MW-07	2	11/6/2003	<50		NA		NA		<250		<50		<250	
ERM-MW-07	2	6/26/2006	<50		NA		<50		<300		<50		<300	
ERM-MW-07 (b)	2	5/9/2003	NA		NA		<50		NA		NA		NA	
ERM-MW-08	2	5/9/2003	**170**	Y	NA		<50		<100		<100		**150**	Y
ERM-MW-08	2	11/6/2003	**1100**		**250**	J	NA		**1900**		<50		<250	
ERM-MW-08	2	6/26/2006	**450**	Y	NA		**77**	Y	**330**	Y	**400**	Y	<300	
ERM-MW-08 (b)	2	5/9/2003	NA		NA		<50		NA		NA		NA	
ERM-MW-09	2	5/9/2003	**540**	Y	NA		**220**	J	<100		<100		**270**	Y
ERM-MW-09	2	11/6/2003	**2600**		**760**		NA		**1300**		<250		<250	
ERM-MW-09	2	6/26/2006	**920**	Y	NA		**460**	Y	**580**	Y	**820**	Y	<300	
ERM-MW-09 (b)	2	5/9/2003	NA		NA		<50		NA		NA		NA	
W-B-7	2	4/17/2003	**83**	J	**79**	J	<50		NA		NA		NA	
W-B-8	2	4/14/2003	**91**	J	**100**	J	<50		NA		**210**		**1100**	
W-B-8 (b)	2	4/14/2003	NA		**210**		NA		NA		NA		NA	
Area of Concern 3														
ERM-MW-10	3	5/9/2003	**75**	Y	NA		<50		<100		<100		**110**	Y
ERM-MW-10	3	11/6/2003	**140**		**180**		NA		**620**		<50		<250	
ERM-MW-10	3	6/26/2006	<50		NA		<50		<300		<50		<300	
ERM-MW-10 (b)	3	5/9/2003	NA		NA		<50		NA		NA		NA	
W-B-10	3	4/15/2003	**160**	J Y	**93**	J Y	<50		NA		NA		NA	
W-B-11	3	4/15/2003	**140**	J	**120**	J	<50		NA		NA		NA	
W-B-12	3	4/15/2003	**4100**	J	**5100**	J	<50		NA		NA		NA	
Area of Concern 4														
ERM-B-8	4	4/16/2003	**52**	Y	**72**	Y	<50	UJ	NA		NA		NA	
ERM-B-9	4	4/16/2003	**120**	Y	**150**	Y	<50	UJ	NA		NA		NA	
Area of Concern 5														
ERM-B-10	5	4/17/2003	**96**	Y	<73.1	U	**59**	Y	NA		NA		NA	
ERM-B-11	5	4/17/2003	**110**	J	<73.1	U	<50		NA		NA		NA	
W-B-1	5	4/14/2003	**110**	Q	NA		<50	Q	NA		<50	Q	**540**	Q
W-B-2	5	4/14/2003	**200**	J Y	**88**	J Y	**90**		NA		<50		<250	
W-B-2 (b)	5	4/14/2003	<50		NA		<50	Y	NA		NA		NA	
W-B-3	5	4/15/2003	**120**		<78.9	U	**85**	Y	NA		<50		**650**	
W-B-3 (b)	5	4/15/2003	**98**		NA		<50		NA		NA		NA	

Table E-4b *(URS Table 2-4b)*
Post-2002 Data Set - Groundwater Results - TPH - Tier-2

Sample Location	AOC	Date Sampled	TPH-d		TPH-d (sg)		TPH-g		TPH-ho		TPH-jf		TPH-mo	
Airport Worker Tier-2 (a)			NS		NS		NS		NS		NS		NS	
Construction Worker Tier-2 (a)			NS		NS		NS		NS		NS		NS	
Ecological Receptor Tier-2 (a)			4500		4500		3500		4500		4500		4500	
Area of Concern 6														
ERM-B-27	6	4/17/2003	**550**	J	**180**		NA		NA		NA		NA	
Area of Concern 7														
W-B-16	7	4/17/2003	**69**	Y	<73.1	U	<50		NA		<50		<250	
W-B-16 (b)	7	4/17/2003	**57**		NA		<50		NA		NA		NA	
W-B-17	7	4/17/2003	**660**	J	**220**	Y	<50		NA		<50		<250	
W-B-17 (b)	7	4/17/2003	<50		NA		<50		NA		NA		NA	
Area of Concern 8														
ERM-B-12	8	4/17/2003	<50		NA		<50		NA		NA		NA	
Area of Concern 9														
ERM-B-13	9	4/16/2003	**86**	Y	**77**	Y	<50		NA		NA		NA	
ERM-B-14	9	4/17/2003	**110**	J	**170**	Y	<50		NA		NA		NA	
P-2/UAL-MW-05	9	6/27/2006	NA		NA		<50		NA		NA		NA	
P-2/UAL-MW-5	9	4/18/2003	<50	Y	NA		<50		NA		NA		NA	
P-2/UAL-MW-5	9	4/22/2003	<50	Q	NA		<50	Q	NA		<50	Q	<250	Q
W-B-22	9	4/18/2003	<50	UJ	NA		<50	UJ	NA		NA		NA	
Area of Concern 11														
ERM-B-16	11	4/16/2003	**59**	Y	**82**	Y	NA		NA		NA		NA	
ERM-B-17	11	4/16/2003	**51**	Y	**80**	Y	NA		NA		NA		NA	
ERM-B-18	11	4/16/2003	**96**	J	**100**	J	NA		NA		NA		NA	
ERM-B-19	11	4/16/2003	**80**	J	**100**	J	NA		NA		NA		NA	
Area of Concern 12														
ERM-B-20	12	4/17/2003	**61**	Y	**83**	J	NA		NA		NA		NA	
ERM-B-21	12	4/17/2003	**130**	J	**130**	Y	NA		NA		NA		NA	
Area of Concern 14														
ERM-B-23	14	4/17/2003	<50		NA		<50		NA		NA		NA	
W-B-32	14	4/16/2003	**250**	Y	**160**	Y	<50		NA		NA		NA	
W-B-38	14	4/15/2003	**230**	J	**120**	J	<50		NA		NA		NA	
Area of Concern 15														
ERM-B-24	15	4/15/2003	**620**	J	**160**		NA		NA		NA		NA	
ERM-B-25	15	4/15/2003	**370**	J	**140**	J	NA		NA		NA		NA	
ERM-B-26	15	4/16/2003	**360**		**140**		NA		NA		NA		NA	
Area of Concern 16														
W-B-14	16	4/15/2003	**67**	J	**69**	J	NA		NA		NA		NA	
Area of Concern 17														
P-1/UAL-MW-04	17	6/27/2006	NA		NA		<50	UJ	NA		NA		NA	
P-1/UAL-MW-4	17	4/18/2003	**82**	Y	**100**	J	<50		NA		NA		NA	
P-1/UAL-MW-4	17	4/22/2003	<50	Q	NA		<50	Q	NA		<50	Q	<250	Q
UAL-MW-01	17	6/27/2006	NA		NA		<50	UJ	NA		NA		NA	
UAL-MW-02	17	6/27/2006	NA		NA		<50	UJ	NA		NA		NA	
UAL-MW-03	17	6/27/2006	NA		NA		<50	UJ	NA		NA		NA	
UAL-MW-1	17	4/15/2003	<50		NA		<50		NA		<50		<250	
UAL-MW-1	17	4/18/2003	<50		NA		<50		NA		NA		NA	
UAL-MW-1	17	11/6/2003	<50		NA		<50		<250		<50		<250	
UAL-MW-2	17	4/15/2003	<50	Q	NA		<50	Q	NA		<50	Q	<250	Q
UAL-MW-2	17	4/18/2003	**280**	J	**120**	J	<50		NA		NA		NA	
UAL-MW-2	17	11/6/2003	<50		NA		<50		<250		<50		<250	
UAL-MW-3	17	4/15/2003	<50		NA		<50		NA		<50		<250	
UAL-MW-3	17	4/18/2003	**86**	Y	**78**	J	<50		NA		NA		NA	

Table E-4b *(URS Table 2-4b)*
Post-2002 Data Set - Groundwater Results - TPH - Tier-2

Sample Location	AOC	Date Sampled	TPH-d		TPH-d (sg)	TPH-g		TPH-ho	TPH-jf		TPH-mo	
		Airport Worker Tier-2 (a)	NS		NS	NS		NS	NS		NS	
		Construction Worker Tier-2 (a)	NS		NS	NS		NS	NS		NS	
		Ecological Receptor Tier-2 (a)	4500		4500	3500		4500	4500		4500	
Area of Concern 18												
W-B-18	18	4/18/2003	<50	Q	NA	<50	Q	NA	<50	Q	<250	Q
W-B-19	18	4/18/2003	<50	Q	NA	<50	Q	NA	<50	Q	<250	Q
W-B-20	18	4/18/2003	<50	Q	NA	<50	Q	NA	<50	Q	<250	Q
W-B-20D	18	4/18/2003	<50	Q	NA	<50	Q	NA	<50	Q	<250	Q
W-B-9	18	4/18/2003	<50	Q	NA	<50	Q	NA	<50	Q	<250	Q
Area of Concern 19												
W-B-25	19	4/16/2003	<50		NA	<50		NA	NA		NA	
W-B-29	19	4/16/2003	<50		NA	<50		NA	NA		NA	

Notes

Yellow highlighting indicates an exceedance of the selected ESL.
Bolding indicates detected concentrations.
All units are in micrograms per liter (ug/L).
Only analytes that have at least one detection and have exceeded the Tier-1 screening level are shown.
< = analyte was not detected at or above the laboratory method detection limit
DAF = dilution attenuation factor
ESL = environmental screening level
NA = not analyzed
NS = no ESL standard
sg = silica gel clean up
TPH-d = total petroleum hydrocarbon as diesel range organics
TPH-g = total petroleum hydrocarbon as gasoline range organics
TPH-ho = total petroleum hydrocarbon as hydraulic oil
TPH-jf = total petroleum hydrocarbon as jet fuel
TPH-mo = total petroleum hydrocarbon as motor oil range organics

Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
Y = Sample exhibits chromatographic pattern which does not resemble standard

Footnotes

(a) Tier-2 airport and construction worker screening level value is based on commercial values in Table E-1 Environmental Screening Levels (ESLs) Groundwater Screening Levels (RWQCB December 2013). Tier-2 Ecological receptor screening level value is based on estuarine values in Table F-4a Summary of Selected Aquatic Habitat Goals (RWQCB December 2013) multiplied by DAF of 7.
(b) Analyte analyzed by a second method.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Table E-5a *(URS Table 2-5a)*
Post-2002 Data Set - Groundwater Results - VOC - Tier-1

Sample Location	AOC	Date Sampled	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,3,5-Trimethylbenzene	Acetone	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	Styrene	tert-Butyl methyl ether	tert-Butylbenzene	Tetrachloroethene	Toluene	Total Xylene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Airport Worker Tier-1 (a)			62	47	25	NS	100	NS	1500	16	170	1100	590	43	NS	100	2200	24	NS	NS	100	NS	100	1800	NS	63	130	100	590	130	1.8
Construction Worker Tier-1 (a)			62	47	25	NS	100	NS	1500	16	170	1100	590	43	NS	100	2200	24	NS	NS	100	NS	100	1800	NS	63	130	100	590	130	1.8
Ecological Receptor Tier-1 (a)			62	47	3.2	NS	99	NS	1500	16	470	1100	590	30	NS	100	1600	21	NS	NS	100	NS	11	180	NS	8.9	40	100	260	81	530
Area of Concern 1																															
ERM-B-1	1	4/15/2003	<0.5	**39**	**3**	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	**3.1**	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.75**	<0.5
ERM-B-2	1	4/15/2003	<0.5	**47**	**3**	<0.5	<0.5	<0.5	NA	**1.4**	<0.5	<0.5	**9.2**	<0.5	<0.5	NA	**2**	<1	<0.5	<0.5	NA	<0.5	**0.7**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.2**	<0.5
ERM-MW-01	1	5/9/2003	<0.5	**23**	**2**	**7**	**1**	**4.1**	NA	<0.5	<0.5	<0.5	**19**	**1**	**0.54**	NA	<1	**26**	<0.5	**1.1**	NA	**1.1**	<0.5	<0.5	<0.5	<0.5	**0.72**	**4.9**	<0.5	**1.3**	<0.5
ERM-MW-01	1	11/6/2003	<0.5 Q	**16** Q	**1** Q	**2** Q	<0.5 Q	**1.7** Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	**7.3** Q	<0.5 Q	<0.5 Q	NA	<1 Q	**16** Q	<0.5 Q	**0.6** Q	NA	**0.7** Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	**1.3** Q	<0.5 Q
ERM-MW-01	1	6/27/2006	**1.7** J	**18** J	**2** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	**1.4** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	**2.2** J	<0.5 UJ	NA	**2.2** J	<0.5 UJ
ERM-MW-01 (Dup)	1	6/27/2006	**1.6** J	**18** J	**2** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	**1.3** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	**2.1** J	<0.5 UJ	NA	**2.2** J	<0.5 UJ
ERM-MW-01D	1	5/9/2003	<0.5	**22**	**2**	**6**	**1**	**3.4**	NA	<0.5	<0.5	<0.5	**18**	**1**	**0.5**	NA	<1	**17**	<0.5	**0.99**	NA	**3.6**	<0.5	<0.5	<0.5	<0.5	**0.75**	**4.3**	<0.5	**1.2**	<0.5
ERM-MW-02	1	5/9/2003	**2.6**	**21**	**3**	<0.5	**1**	<0.5	NA	<0.5	<0.5	<0.5	**4.7**	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.8**	<0.5
ERM-MW-02	1	11/6/2003	**5.1** Q	**16** Q	**3** Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	**0.87** Q	<0.5 Q	<0.5 Q	NA	<1 Q	<1 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	**0.7** Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
ERM-MW-02	1	6/27/2006	**9.5** J	**5.3** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	**0.8** J	<0.5 UJ	NA	**0.6** J	<0.5 UJ
ERM-MW-03	1	5/9/2003	**1**	**6.8**	**1**	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-03	1	11/6/2003	**3.2** Q	**16** Q	**2** Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<1 Q	<1 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
ERM-MW-03	1	6/27/2006	**12** J	**18** J	**1** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	**1.3** J	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ
ERM-MW-03D	1	11/6/2003	**2.7** Q	**16** Q	**2** Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<1 Q	<1 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
ERM-MW-04	1	5/9/2003	<0.5	**12**	<0.5	<0.5	<0.5	<0.5	NA	<0.5	**1.4**	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	**0.72**	<0.5	<0.5	<0.5	<0.5
ERM-MW-04	1	11/7/2003	<1 Q	**33** Q	<0.5 Q	<1 Q	**5** Q	<1 Q	NA	<1 Q	<0.5 Q	<1 Q	<1 Q	<1 Q	<1 Q	NA	<5 Q	<1.2 Q	<1 Q	<1 Q	NA	<1 Q	<1 Q	<1 Q	<1 Q	<1 Q	<1 Q	<1 Q	<1 Q	<0.5 Q	<0.5 Q
ERM-MW-04	1	6/27/2006	<0.5 UJ	**15** J	**3** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ
ERM-MW-05	1	5/9/2003	<0.5	**52**	**4**	<0.5	**4**	<0.5	NA	<0.5	<0.5	<0.5	**46**	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.83**	**4.6**	**0.89**
ERM-MW-05	1	11/7/2003	<0.5 Q	**36** Q	**3** Q	<0.5 Q	**4** Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	**38** Q	<0.5 Q	<0.5 Q	NA	<1 Q	<1 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	**0.75** Q	**4.1** Q	<0.5 Q
ERM-MW-05	1	6/27/2006	<0.5 UJ	**10** J	**1** J	<0.5 UJ	**3** J	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	**20** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	**2** J	<0.5 UJ
ERM-MW-11	1	12/30/2003	**3.3**	**7.4**	**1**	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-11	1	6/27/2006	**3.3** J	**11** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ
ERM-MW-12	1	12/29/2003	<0.5	<0.5	<0.5	<0.5	**1.1**	<0.5	NA	<0.5	<0.5	<0.5	**0.8**	<0.5	<0.5	NA	<5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-12	1	6/27/2006	<0.5 UJ	**0.5** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ
ERM-MW-13	1	12/29/2003	<0.5	**9.9**	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-13	1	6/27/2006	<0.5 UJ	**15** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ
ERM-MW-14	1	12/29/2003	<0.5	**9.4**	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	**0.8**	<0.5	<0.5	NA	<5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-14	1	6/27/2006	<0.5 UJ	**10** J	**0.8** J	<0.5 UJ	**1.4** J	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	**21** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ
ERM-MW-14 (Dup)	1	6/27/2006	<0.5 UJ	**9.7** J	**0.7** J	<0.5 UJ	**1.8** J	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	**19** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ
W-B-4	1	4/15/2003	**12**	**16**	**2.7**	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-5	1	4/15/2003	**14**	**38**	**4.4**	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-6	1	4/15/2003	**4**	**33**	**5**	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	**0.68**	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.71**	<0.5
Area of Concern 2																															
ERM-B-3	2	4/15/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-B-4	2	4/15/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-B-5	2	4/15/2003	<5	<5	<5	**60** J	<5	**12** J	NA	<5	<5	<5	<5	<5	<5	NA	**86**	**28** J	<5	<5	NA	<5	<5	<5	<5	<5	<5	**14** J	<5	<5	<5
ERM-B-6	2	4/15/2003	<5	<5	<5	**180** J	<5	**74** J	NA	<5	<5	<5	<5	<5	<5	NA	**85**	**36** J	<5	<5	NA	**6.6** J	<5	<5	<5	<5	<5	**21** J	<5	<5	<5
ERM-B-7	2	4/15/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-06	2	5/9/2003	<0.5	<0.5	<0.5	**1.3**	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-06	2	11/6/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-06	2	6/27/2006	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ
ERM-MW-07	2	5/9/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-07	2	11/6/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-07	2	6/26/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<10	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
ERM-MW-08	2	5/9/2003	<0.5	<0.5	<0.5	**1.3**	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-08	2	11/6/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-08	2	6/26/2006	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**80**	<5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<50	<10	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	<2.5
ERM-MW-09	2	5/9/2003	<0.5	<0.5	<0.5	**83**	<0.5	**42**	NA	<0.5	<0.5	<0.5	<0.5	**1.6**	**2.2**	NA	<1	**29**	**4.9**	**2.4**	NA	**4.2**	<0.5	<0.5	**1.2**	<0.5	**0.61**	**18**	<0.5	<0.5	<0.5
ERM-MW-09	2	11/6/2003	<0.5	<0.5	<0.5	**14**	<0.5	**5.7**	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<5	**9.8**	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-09	2	6/26/2006	<2.5	<2.5	<2.5	**33**	<2.5	**14**	<50	<5	<2.5	<5	<2.5	<2.5	<2.5	**4.9**	<50	**30**	<2.5	<2.5	**3.3**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	<2.5
W-B-7	2	4/17/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	**0.65** J	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	**1.9**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-8	2	4/14/2003	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<1 Q	<1 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
W-B-8 (c)	2	4/14/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Table E-5a *(URS Table 2-5a)*
Post-2002 Data Set - Groundwater Results - VOC - Tier-1

Sample Location	AOC	Date Sampled	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,3,5-Trimethylbenzene	Acetone	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	Styrene	tert-Butyl methyl ether	tert-Butylbenzene	Tetrachloroethene	Toluene	Total Xylene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Airport Worker Tier-1 (a)			62	47	25	NS	100	NS	1500	16	170	1100	590	43	NS	100	2200	24	NS	NS	100	NS	100	1800	NS	63	130	100	590	130	1.8
Construction Worker Tier-1 (a)			62	47	25	NS	100	NS	1500	16	170	1100	590	43	NS	100	2200	24	NS	NS	100	NS	100	1800	NS	63	130	100	590	130	1.8
Ecological Receptor Tier-1 (a)			62	47	3.2	NS	99	NS	1500	16	470	1100	590	30	NS	100	1600	21	NS	NS	100	NS	11	180	NS	8.9	40	100	260	81	530
Area of Concern 3																															
ERM-MW-10	3	5/9/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-10	3	11/6/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-MW-10	3	6/26/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<10	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
W-B-10	3	4/15/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-11	3	4/15/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-12	3	4/15/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Area of Concern 4																															
ERM-B-8	4	4/16/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2	NA	NA	<0.5	<0.5	NA	NA	NA
ERM-B-9	4	4/16/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2	NA	NA	<0.5	<0.5	NA	NA	NA
Area of Concern 5																															
ERM-B-10	5	4/17/2003	<0.5	**0.61**	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	**110**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-B-11	5	4/17/2003	<0.5	**1.6**	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	**73**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-1	5	4/14/2003	<2.5 Q	<2.5 Q	<2.5 Q	<2.5 Q	<2.5 Q	<2.5 Q	<25 Q	<2.5 Q	<2.5 Q	<2.5 Q	<2.5 Q	<2.5 Q	<2.5 Q	NA	<2.5 Q	<2.5 Q	<2.5 Q	<2.5 Q	NA	<2.5 Q	<2.5 Q	**120** Q	<2.5 Q	<2.5 Q	<2.5 Q	<2.5 Q	<2.5 Q	<2.5 Q	<2.5 Q
W-B-2	5	4/14/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	**200**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-2 (c)	5	4/14/2003	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	**160**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
W-B-3	5	4/15/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	**210**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-3 (c)	5	4/15/2003	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	**150**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Area of Concern 6																															
ERM-B-27	6	4/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	<0.5	NA	NA	NA
Area of Concern 7																															
ERM-MW-17	7	12/30/2003	<0.5	**3.7**	**3.9**	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	**0.7**	<0.5	<0.5	<0.5	<0.5
ERM-MW-17	7	6/26/2006	<0.5	**23**	**21**	<0.5	<0.5	<0.5	<10	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<10	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
ERM-MW-17D	7	12/30/2003	<0.5	**2.3**	**2.3**	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	**0.5**	<0.5	<0.5	<0.5	<0.5
W-B-16	7	4/17/2003	<0.5	**0.75**	**0.55**	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-16 (c)	7	4/17/2003	<0.5	**0.75**	**0.56**	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-16D	7	4/17/2003	<0.5	**0.75**	**0.59**	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-17	7	4/17/2003	**1.3**	**54**	**59**	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-17 (c)	7	4/17/2003	**1.5**	**45**	**53**	<1.2	<1.2	<1.2	<12	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	NA	<1.2	<1.2	<1.2	<1.2	NA	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Area of Concern 8																															
ERM-B-12	8	4/17/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Area of Concern 9																															
ERM-B-13	9	4/16/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	**1.7**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-B-14	9	4/17/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ERM-B-14 (b)	9	4/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	<0.5	NA	NA	NA
ERM-B-14D	9	4/17/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P-2/UAL-MW-05	9	6/27/2006	<0.5	**0.6**	<0.5	<0.5	<0.5	<0.5	<10	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<10	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**2.5**	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
P-2/UAL-MW-5	9	4/18/2003	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<1 Q	<1 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	**1.7** Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
P-2/UAL-MW-5	9	4/22/2003	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	**0.84** Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
P-2/UAL-MW-5	9	11/6/2003	**1.9** Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<1 Q	<1 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	**0.99** Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
W-B-22	9	4/18/2003	<0.5	**0.8**	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	**0.51**	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-22D	9	4/18/2003	<0.5	**0.8**	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Area of Concern 11																															
ERM-B-16	11	4/16/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	<0.5	NA	NA	NA
ERM-B-17	11	4/16/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	<0.5	NA	NA	NA
ERM-B-18	11	4/16/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	<0.5	NA	NA	NA
ERM-B-19	11	4/16/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	<0.5	NA	NA	NA
Area of Concern 12																															
ERM-B-20	12	4/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5 Q	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5 Q	<0.5 Q	NA	NA	NA
ERM-B-21	12	4/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	<0.5	NA	NA	NA
Area of Concern 14																															
ERM-B-23	14	4/17/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5 J	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-32	14	4/16/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-38	14	4/15/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-38D	14	4/15/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Area of Concern 15																															
ERM-B-24	15	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	<0.5	NA	NA	NA
ERM-B-25	15	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	**1.5**	NA	NA	NA
ERM-B-26	15	4/16/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	<0.5	NA	NA	NA

Table E-5a *(URS Table 2-5a)*
Post-2002 Data Set - Groundwater Results - VOC - Tier-1

Sample Location	AOC	Date Sampled	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,3,5-Trimethylbenzene	Acetone	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	Styrene	tert-Butyl methyl ether	tert-Butylbenzene	Tetrachloroethene	Toluene	Total Xylene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Airport Worker Tier-1 (a)			62	47	25	NS	100	NS	1500	16	170	1100	590	43	NS	100	2200	24	NS	NS	100	NS	100	1800	NS	63	130	100	590	130	1.8
Construction Worker Tier-1 (a)			62	47	25	NS	100	NS	1500	16	170	1100	590	43	NS	100	2200	24	NS	NS	100	NS	100	1800	NS	63	130	100	590	130	1.8
Ecological Receptor Tier-1 (a)			62	47	3.2	NS	99	NS	1500	16	470	1100	590	30	NS	100	1600	21	NS	NS	100	NS	11	180	NS	8.9	40	100	260	81	530
Area of Concern 16																															
W-B-14	16	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	<0.5	NA	NA	NA
Area of Concern 17																															
P-1/UAL-MW-04	17	6/27/2006	<0.5 UJ	**3** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	**31** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ	<0.5 UJ
P-1/UAL-MW-4	17	4/18/2003	<0.5	**1.3**	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	**84**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P-1/UAL-MW-4	17	4/22/2003	<1.2 Q	<1.2 Q	<1.2 Q	<1.2 Q	NA	<1.2 Q	NA	<1.2 Q	NA	<1.2 Q	<1.2 Q	<1.2 Q	<1.2 Q	NA	<1.2 Q	<1.2 Q	NA	NA	NA	<1.2 Q	<1.2 Q	**55** Q	NA	NA	<1.2 Q	<1.2 Q	NA	<1.2 Q	NA
UAL-MW-01	17	6/27/2006	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ	<0.5 UJ
UAL-MW-02	17	6/27/2006	**0.8** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ	<0.5 UJ
UAL-MW-03	17	6/27/2006	<0.5 UJ	**1.5** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<1 UJ	<0.5 UJ	<1 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<10 UJ	<2 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	**7.6** J	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ	<0.5 UJ
UAL-MW-1	17	4/15/2003	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	NA	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	NA	NA	NA	<0.5 Q	<0.5 Q	**0.65** Q	NA	NA	<0.5 Q	<0.5 Q	NA	<0.5 Q	NA
UAL-MW-1	17	4/18/2003	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<1 Q	<1 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	**2** Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
UAL-MW-1	17	11/6/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
UAL-MW-2	17	4/15/2003	<0.5 Q	**2.1** Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	NA	<0.5 Q	NA	<0.5 Q	**3** Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	NA	NA	NA	<0.5 Q	<0.5 Q	**22** Q	NA	NA	<0.5 Q	<0.5 Q	NA	<0.5 Q	NA
UAL-MW-2	17	4/18/2003	<0.5 Q	**3.4** Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	**4.6** Q	<0.5 Q	<0.5 Q	NA	<1 Q	<1 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	**38** Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
UAL-MW-2	17	11/6/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**21**	NA	NA	NA	NA	NA	NA	NA
UAL-MW-3	17	4/15/2003	<0.5 Q	**3** Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	NA	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	NA	NA	NA	<0.5 Q	<0.5 Q	**43** Q	NA	NA	<0.5 Q	<0.5 Q	NA	<0.5 Q	NA
UAL-MW-3	17	4/18/2003	<0.5 Q	**4.9** Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<1 Q	<1 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	**69** Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
UAL-MW-3	17	11/7/2003	<1 Q	**3.7** Q	<0.5 Q	<1 Q	<0.5 Q	<1 Q	NA	<1 Q	<0.5 Q	<1 Q	<1 Q	<1 Q	<1 Q	NA	<5 Q	<1.2 Q	<1 Q	<1 Q	NA	<1 Q	<1 Q	**41** Q	<1 Q	<0.5 Q	<1 Q	<1 Q	<1 Q	<0.5 Q	<0.5 Q
Area of Concern 18																															
W-B-18	18	4/18/2003	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
W-B-19	18	4/18/2003	<0.5 Q	**0.59** Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	**0.52** Q	**6.4** Q	<0.5 Q	<0.5 Q	NA	<1 Q	<1 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	**56** Q	<0.5 Q	<0.5 Q
W-B-19 (c)	18	4/18/2003	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<5 Q	<0.5 Q	<0.5 Q	<0.5 Q	**5** Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	**34** Q	<0.5 Q	<0.5 Q
W-B-20	18	4/18/2003	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
W-B-20D	18	4/18/2003	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	NA	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q	<0.5 Q
W-B-9	18	4/18/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	**0.51**	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-9 (c)	18	4/18/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Area of Concern 19																															
W-B-25	19	4/16/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
W-B-29	19	4/16/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Notes
Yellow highlighting indicates an exceedance of the selected ESL.
Bolding indicates detected concentrations.
All units are in micrograms per liter (ug/L).
Only analytes that have at least one detection are shown.
< = analyte was not detected at or above the laboratory method detection limit
ESL = environmental screening level
NA = not analyzed
NS = no ESL standard

Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Footnotes
(a) Tier-1 airport and construction worker screening level value is based on commerical values in Table B Environmental Screening Levels (ESLs) Shallow Soils Where Groundwater is Not a Current or Potential Source of Drinking Water (RWQCB December 2013). Tier-1 ecological receptor screening level value is based on estuarine values in Table F Environmental Screening Levels (ESLs) Surface Water Bodies (RWQCB December 2013).
(b) Analyte analyzed by a second method.
(c) Analyzed by a second lab.

References
RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Table E-5b *(URS Table 2-5b)*
Post-2002 Data Set - Groundwater Results - VOC - Tier-2

Sample Location	AOC	Date Sampled	1,1-Dichloroethane		1,1-Dichloroethene		Naphthalene		tert-Butyl methyl ether	
Airport Worker Tier-2 (a)			NS		4800		220		10000	
Construction Worker Tier-2 (a)			NS		4800		220		10000	
Ecological Receptor Tier-2 (a)			330		22		150		1300	
Area of Concern 1										
ERM-B-1	1	4/15/2003	**39**		**3**		<1		<0.5	
ERM-B-2	1	4/15/2003	**47**		**3**		<1		<0.5	
ERM-MW-01	1	5/9/2003	**23**		**2**		**26**		<0.5	
ERM-MW-01	1	11/6/2003	**16**	Q	**1**	Q	**16**	Q	<0.5	Q
ERM-MW-01	1	6/27/2006	**18**	J	**2**	J	<2	UJ	<0.5	UJ
ERM-MW-01 (Dup)	1	6/27/2006	**18**	J	**2**	J	<2	UJ	<0.5	UJ
ERM-MW-01D	1	5/9/2003	**22**		**2**		**17**		<0.5	
ERM-MW-02	1	5/9/2003	**21**		**3**		<1		<0.5	
ERM-MW-02	1	11/6/2003	**16**	Q	**3**	Q	<1	Q	<0.5	Q
ERM-MW-02	1	6/27/2006	**5.3**	J	<0.5	UJ	<2	UJ	**0.9**	J
ERM-MW-03	1	5/9/2003	**6.8**		**1**		<1		<0.5	
ERM-MW-03	1	11/6/2003	**16**	Q	**2**	Q	<1	Q	<0.5	Q
ERM-MW-03	1	6/27/2006	**18**	J	**1**	J	<2	UJ	<0.5	UJ
ERM-MW-03D	1	11/6/2003	**16**	Q	**2**	Q	<1	Q	<0.5	Q
ERM-MW-04	1	5/9/2003	**12**		<0.5		<1		<0.5	
ERM-MW-04	1	11/7/2003	**33**	Q	<0.5	Q	<1.2	Q	<1	Q
ERM-MW-04	1	6/27/2006	**15**	J	**3**	J	<2	UJ	<0.5	UJ
ERM-MW-05	1	5/9/2003	**52**		**4**		<1		<0.5	
ERM-MW-05	1	11/7/2003	**36**	Q	**3**	Q	<1	Q	<0.5	Q
ERM-MW-05	1	6/27/2006	**10**	J	**1**	J	<2	UJ	<0.5	UJ
ERM-MW-11	1	12/30/2003	**7.4**		**1**		<0.5		<0.5	
ERM-MW-11	1	6/27/2006	**11**	J	<0.5	UJ	<2	UJ	<0.5	UJ
ERM-MW-12	1	12/29/2003	<0.5		<0.5		<0.5		<0.5	
ERM-MW-12	1	6/27/2006	**0.5**	J	<0.5	UJ	<2	UJ	<0.5	UJ
ERM-MW-13	1	12/29/2003	**9.9**		<0.5		<0.5		<0.5	
ERM-MW-13	1	6/27/2006	**15**	J	<0.5	UJ	<2	UJ	<0.5	UJ
ERM-MW-14	1	12/29/2003	**9.4**		<0.5		<0.5		<0.5	
ERM-MW-14	1	6/27/2006	**10**	J	**0.8**	J	<2	UJ	<0.5	UJ
ERM-MW-14 (Dup)	1	6/27/2006	**9.7**	J	**0.7**	J	<2	UJ	<0.5	UJ
W-B-4	1	4/15/2003	**16**		**2.7**		<1		<0.5	
W-B-5	1	4/15/2003	**38**		**4.4**		<1		<0.5	
W-B-6	1	4/15/2003	**33**		**5**		<1		<0.5	
Area of Concern 2										
ERM-B-3	2	4/15/2003	<0.5		<0.5		<1		<0.5	
ERM-B-4	2	4/15/2003	<0.5		<0.5		<1		<0.5	
ERM-B-5	2	4/15/2003	<5		<5		**28**	J	<5	
ERM-B-6	2	4/15/2003	<5		<5		**36**	J	<5	
ERM-B-7	2	4/15/2003	<0.5		<0.5		<1		<0.5	
ERM-MW-06	2	5/9/2003	<0.5		<0.5		<1		<0.5	
ERM-MW-06	2	11/6/2003	<0.5		<0.5		<0.5		<0.5	
ERM-MW-06	2	6/27/2006	<0.5	UJ	<0.5	UJ	<2	UJ	<0.5	UJ

Table E-5b *(URS Table 2-5b)*
Post-2002 Data Set - Groundwater Results - VOC - Tier-2

Sample Location	AOC	Date Sampled	1,1-Dichloroethane		1,1-Dichloroethene		Naphthalene		tert-Butyl methyl ether	
Airport Worker Tier-2 (a)			NS		4800		220		10000	
Construction Worker Tier-2 (a)			NS		4800		220		10000	
Ecological Receptor Tier-2 (a)			330		22		150		1300	
ERM-MW-07	2	5/9/2003	<0.5		<0.5		<1		<0.5	
ERM-MW-07	2	11/6/2003	<0.5		<0.5		<0.5		<0.5	
ERM-MW-07	2	6/26/2006	<0.5		<0.5		<2		<0.5	
ERM-MW-08	2	5/9/2003	<0.5		<0.5		<1		<0.5	
ERM-MW-08	2	11/6/2003	<0.5		<0.5		<0.5		<0.5	
ERM-MW-08	2	6/26/2006	<2.5		<2.5		<10		<2.5	
ERM-MW-09	2	5/9/2003	<0.5		<0.5		**29**		<0.5	
ERM-MW-09	2	11/6/2003	<0.5		<0.5		**9.8**		<0.5	
ERM-MW-09	2	6/26/2006	<2.5		<2.5		**30**		<2.5	
W-B-7	2	4/17/2003	<0.5		<0.5		<1		**1.9**	
W-B-8	2	4/14/2003	<0.5	Q	<0.5	Q	<1	Q	<0.5	Q
W-B-8 (c)	2	4/14/2003	<0.5		<0.5		<1		<0.5	
Area of Concern 3										
ERM-MW-10	3	5/9/2003	<0.5		<0.5		<1		<0.5	
ERM-MW-10	3	11/6/2003	<0.5		<0.5		<0.5		<0.5	
ERM-MW-10	3	6/26/2006	<0.5		<0.5		<2		<0.5	
W-B-10	3	4/15/2003	<0.5		<0.5		<1		<0.5	
W-B-11	3	4/15/2003	<0.5		<0.5		<1		<0.5	
W-B-12	3	4/15/2003	<0.5		<0.5		<1		<0.5	
Area of Concern 4										
ERM-B-8	4	4/16/2003	NA		NA		NA		<2	
ERM-B-9	4	4/16/2003	NA		NA		NA		<2	
Area of Concern 5										
ERM-B-10	5	4/17/2003	**0.61**		<0.5		<1		**110**	
ERM-B-11	5	4/17/2003	**1.6**		<0.5		<1		**73**	
W-B-1	5	4/14/2003	<2.5	Q	<2.5	Q	<2.5	Q	**120**	Q
W-B-2	5	4/14/2003	<0.5		<0.5		<1		**200**	
W-B-2 (c)	5	4/14/2003	<2.5		<2.5		<2.5		**160**	
W-B-3	5	4/15/2003	<0.5		<0.5		<1		**210**	
W-B-3 (c)	5	4/15/2003	<2.5		<2.5		<2.5		**150**	

Table E-5b *(URS Table 2-5b)*
Post-2002 Data Set - Groundwater Results - VOC - Tier-2

Sample Location	AOC	Date Sampled	1,1-Dichloroethane		1,1-Dichloroethene		Naphthalene		tert-Butyl methyl ether	
Airport Worker Tier-2 (a)			NS		4800		220		10000	
Construction Worker Tier-2 (a)			NS		4800		220		10000	
Ecological Receptor Tier-2 (a)			330		22		150		1300	
Area of Concern 6										
ERM-B-27	6	4/17/2003	NA		NA		NA		NA	
Area of Concern 7										
ERM-MW-17	7	12/30/2003	**3.7**		**3.9**		<0.5		<0.5	
ERM-MW-17	7	6/26/2006	**23**		**21**		<2		<0.5	
ERM-MW-17D	7	12/30/2003	**2.3**		**2.3**		<0.5		<0.5	
W-B-16	7	4/17/2003	**0.75**		**0.55**		<1		<0.5	
W-B-16 (c)	7	4/17/2003	**0.75**		**0.56**		<0.5		<0.5	
W-B-16D	7	4/17/2003	**0.75**		**0.59**		<1		<0.5	
W-B-17	7	4/17/2003	**54**		**59**		<1		<0.5	
W-B-17 (c)	7	4/17/2003	**45**		**53**		<1.2		<1.2	
Area of Concern 8										
ERM-B-12	8	4/17/2003	<0.5		<0.5		<1		<0.5	
Area of Concern 9										
ERM-B-13	9	4/16/2003	<0.5		<0.5		<1		**1.7**	
ERM-B-14	9	4/17/2003	<0.5		<0.5		<1		<0.5	
ERM-B-14 (b)	9	4/17/2003	NA		NA		NA		NA	
ERM-B-14D	9	4/17/2003	<0.5		<0.5		<1		<0.5	
P-2/UAL-MW-05	9	6/27/2006	**0.6**		<0.5		<2		**2.5**	
P-2/UAL-MW-5	9	4/18/2003	<0.5	Q	<0.5	Q	<1	Q	**1.7**	Q
P-2/UAL-MW-5	9	4/22/2003	<0.5	Q	<0.5	Q	<0.5	Q	**0.84**	Q
P-2/UAL-MW-5	9	11/6/2003	<0.5	Q	<0.5	Q	<1	Q	**0.99**	Q
W-B-22	9	4/18/2003	**0.8**		<0.5		<1		<0.5	
W-B-22D	9	4/18/2003	**0.8**		<0.5		<1		<0.5	
Area of Concern 11										
ERM-B-16	11	4/16/2003	NA		NA		NA		NA	
ERM-B-17	11	4/16/2003	NA		NA		NA		NA	
ERM-B-18	11	4/16/2003	NA		NA		NA		NA	
ERM-B-19	11	4/16/2003	NA		NA		NA		NA	
Area of Concern 12										
ERM-B-20	12	4/17/2003	NA		NA		NA		NA	
ERM-B-21	12	4/17/2003	NA		NA		NA		NA	
Area of Concern 14										
ERM-B-23	14	4/17/2003	<0.5		<0.5		<1		<0.5	
W-B-32	14	4/16/2003	<0.5		<0.5		<1		<0.5	
W-B-38	14	4/15/2003	<0.5		<0.5		<1		<0.5	
W-B-38D	14	4/15/2003	<0.5		<0.5		<1		<0.5	

Table E-5b *(URS Table 2-5b)*
Post-2002 Data Set - Groundwater Results - VOC - Tier-2

Sample Location	AOC	Date Sampled	1,1-Dichloroethane		1,1-Dichloroethene		Naphthalene		tert-Butyl methyl ether	
Airport Worker Tier-2 (a)			NS		4800		220		10000	
Construction Worker Tier-2 (a)			NS		4800		220		10000	
Ecological Receptor Tier-2 (a)			330		22		150		1300	
Area of Concern 15										
ERM-B-24	15	4/15/2003	NA		NA		NA		NA	
ERM-B-25	15	4/15/2003	NA		NA		NA		NA	
ERM-B-26	15	4/16/2003	NA		NA		NA		NA	
Area of Concern 16										
W-B-14	16	4/15/2003	NA		NA		NA		NA	
Area of Concern 17										
P-1/UAL-MW-04	17	6/27/2006	**3**	J	<0.5	UJ	<2	UJ	**31**	J
P-1/UAL-MW-4	17	4/18/2003	**1.3**		<0.5		<1		**84**	
P-1/UAL-MW-4	17	4/22/2003	<1.2	Q	<1.2	Q	<1.2	Q	**55**	Q
UAL-MW-01	17	6/27/2006	<0.5	UJ	<0.5	UJ	<2	UJ	<0.5	UJ
UAL-MW-02	17	6/27/2006	<0.5	UJ	<0.5	UJ	<2	UJ	<0.5	UJ
UAL-MW-03	17	6/27/2006	**1.5**	J	<0.5	UJ	<2	UJ	**7.6**	J
UAL-MW-1	17	4/15/2003	<0.5	Q	<0.5	Q	<0.5	Q	**0.65**	Q
UAL-MW-1	17	4/18/2003	<0.5	Q	<0.5	Q	<1	Q	**2**	Q
UAL-MW-1	17	11/6/2003	NA		NA		NA		<0.5	
UAL-MW-2	17	4/15/2003	**2.1**	Q	<0.5	Q	<0.5	Q	**22**	Q
UAL-MW-2	17	4/18/2003	**3.4**	Q	<0.5	Q	<1	Q	**38**	Q
UAL-MW-2	17	11/6/2003	NA		NA		NA		**21**	
UAL-MW-3	17	4/15/2003	**3**	Q	<0.5	Q	<0.5	Q	**43**	Q
UAL-MW-3	17	4/18/2003	**4.9**	Q	<0.5	Q	<1	Q	**69**	Q
UAL-MW-3	17	11/7/2003	**3.7**	Q	<0.5	Q	<1.2	Q	**41**	Q
Area of Concern 18										
W-B-18	18	4/18/2003	<0.5	Q	<0.5	Q	<0.5	Q	<0.5	Q
W-B-19	18	4/18/2003	**0.59**	Q	<0.5	Q	<1	Q	<0.5	Q
W-B-19 (c)	18	4/18/2003	<0.5	Q	<0.5	Q	<0.5	Q	<0.5	Q
W-B-20	18	4/18/2003	<0.5	Q	<0.5	Q	<0.5	Q	<0.5	Q
W-B-20D	18	4/18/2003	<0.5	Q	<0.5	Q	<0.5	Q	<0.5	Q
W-B-9	18	4/18/2003	<0.5		<0.5		<1		<0.5	
W-B-9 (c)	18	4/18/2003	<0.5		<0.5		<0.5		<0.5	

Table E-5b *(URS Table 2-5b)*
Post-2002 Data Set - Groundwater Results - VOC - Tier-2

Sample Location	AOC	Date Sampled	1,1-Dichloroethane	1,1-Dichloroethene	Naphthalene	tert-Butyl methyl ether
Airport Worker Tier-2 (a)			NS	4800	220	10000
Construction Worker Tier-2 (a)			NS	4800	220	10000
Ecological Receptor Tier-2 (a)			330	22	150	1300
Area of Concern 19						
W-B-25	19	4/16/2003	<0.5	<0.5	<1	<0.5
W-B-29	19	4/16/2003	<0.5	<0.5	<1	<0.5

Notes

Bolding indicates detected concentrations.

All units are in micrograms per liter (ug/L).

Only analytes that have at least one detection and have exceeded the Tier-1 screening level are shown.

< = analyte was not detected at or above the laboratory method detection limit

DAF = dilution attenuation factor

ESL = environmental screening level

NA = not analyzed

Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Footnotes

(a) Tier-2 airport and construction worker screening level value is based on commercial values in Table E-1 Environmental Screening Levels (ESLs) Groundwater Screening Levels, All sand (RWQCB December 2013). Tier-2 Ecological receptor screening level value is based on estuarine values in Table F-4a Summary of Selected Aquatic Habitat Goals (RWQCB December 2013) multiplied by DAF of 7.

(b) Analyte analyzed by a second method.

(c) Analyzed by a second lab.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated December 2013. California EPA,

Table E-6a *(URS Table 2-6a)*
Post-2002 Data Set - Groundwater Results - Metals - Tier-1

Sample Location	AOC	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Manganese	Molybdenum	Nickel	Silver	Thallium	Zinc
		Airport Worker Tier-1	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Construction Worker Tier-1	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Ecological Receptor Tier-1 (a)	30	0.14	1000	0.53	0.25	180	3.0	3.1	NS	2.5	NS	240	8.2	0.19	4.0	81
Area of Concern 1																		
ERM-B-1	1	4/15/2003	<50 UJ	<50	**180** J	<5 UJ	<5	<5	**20** J	<5 UJ	NA	<50 UJ	NA	<20 UJ	**190**	<5 UJ	<50 UJ	**6.5**
ERM-B-2	1	4/15/2003	<50 UJ	<50	**600** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	**130**	<5 UJ	NA	<5
ERM-B-2 (b)	1	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5	NA
ERM-MW-01	1	5/9/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**90**	NA	NA	NA
ERM-MW-01	1	11/6/2003	NA	NA	NA	NA	NA	NA	NA	NA	**6600**	NA	**790**	NA	**190**	NA	NA	NA
ERM-MW-01	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**71**	NA	NA	NA
ERM-MW-02	1	5/9/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**36**	NA	NA	NA
ERM-MW-02	1	11/6/2003	NA	NA	NA	NA	NA	NA	NA	NA	**940**	NA	**1100**	NA	**15**	NA	NA	NA
ERM-MW-02	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**24**	NA	NA	NA
ERM-MW-03	1	5/9/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<30	NA	NA	NA
ERM-MW-03	1	11/6/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**49**	NA	NA	NA
ERM-MW-03	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**39**	NA	NA	NA
ERM-MW-04	1	5/9/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**62**	NA	NA	NA
ERM-MW-04	1	11/7/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**200**	NA	NA	NA
ERM-MW-04	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**51**	NA	NA	NA
ERM-MW-05	1	5/9/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<30	NA	NA	NA
ERM-MW-05	1	11/7/2003	NA	NA	NA	NA	NA	NA	NA	NA	**490**	NA	**3600**	NA	**45**	NA	NA	NA
ERM-MW-05	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20	NA	NA	NA
ERM-MW-11	1	12/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**14**	NA	NA	NA
ERM-MW-11	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**97**	NA	NA	NA
ERM-MW-12	1	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**10**	NA	NA	NA
ERM-MW-12	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**22**	NA	NA	NA
ERM-MW-13	1	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**160**	NA	NA	NA
ERM-MW-13	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**370**	NA	NA	NA
ERM-MW-14	1	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**590**	NA	NA	NA
ERM-MW-14	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**68**	NA	NA	NA
W-B-4	1	4/15/2003	<50 UJ	<50	**64** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	NA	<20
W-B-5	1	4/15/2003	<50 UJ	<50	**210** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	**64**	<5 UJ	<50 UJ	<20
W-B-6	1	4/15/2003	<50 UJ	<50	**190** J	<5 U	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	**31**	<5 UJ	<50 UJ	<20
Area of Concern 2																		
ERM-B-3	2	4/15/2003	<50 UJ	<50	**290** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	**120**	<5 UJ	<50 UJ	<5
ERM-B-4	2	4/15/2003	<50 UJ	<50	**300** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	**160**	<5 UJ	<50 UJ	<5
ERM-B-5	2	4/15/2003	<50 UJ	<50	**160** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	**51** J	**230**	<5 UJ	NA	**6.6**
ERM-B-6	2	4/15/2003	<50 UJ	<50	**330** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	**28** J	**260**	<5 UJ	NA	<5
ERM-B-7	2	4/15/2003	<50 UJ	<50	**130** J	<5 UJ	**5.6**	**7.5**	<20 UJ	**5.4** J	NA	<50 UJ	NA	**120** J	**92**	<5 UJ	<50 UJ	**14**
ERM-MW-06	2	5/9/2003	NA	NA	NA	NA	<5	NA	NA	NA	NA	<50	NA	NA	<30	NA	NA	NA
ERM-MW-06	2	12/30/2003	NA	NA	NA	NA	NA	NA	NA	**17**	NA	NA	NA	NA	NA	NA	NA	NA
ERM-MW-06	2	6/27/2006	NA	NA	NA	NA	<5	NA	NA	<10	NA	<3	NA	NA	<20	NA	NA	NA
ERM-MW-07	2	5/9/2003	NA	NA	NA	NA	<5	NA	NA	NA	NA	<50	NA	NA	**84**	NA	NA	NA
ERM-MW-07	2	6/26/2006	NA	NA	NA	NA	<5	NA	NA	NA	NA	<3	NA	NA	**23**	NA	NA	NA
ERM-MW-08	2	5/9/2003	NA	NA	NA	NA	<5	NA	NA	NA	NA	<50	NA	NA	**110**	NA	NA	NA
ERM-MW-08	2	6/26/2006	NA	NA	NA	NA	<5	NA	NA	NA	NA	<3	NA	NA	**250**	NA	NA	NA
ERM-MW-09	2	5/9/2003	NA	NA	NA	NA	<5	NA	NA	NA	NA	<50	NA	NA	**230**	NA	NA	NA

Table E-6a *(URS Table 2-6a)*

Post-2002 Data Set - Groundwater Results - Metals - Tier-1

Sample Location	AOC	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Manganese	Molybdenum	Nickel	Silver	Thallium	Zinc
		Airport Worker Tier-1	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Construction Worker Tier-1	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Ecological Receptor Tier-1 (a)	30	0.14	1000	0.53	0.25	180	3.0	3.1	NS	2.5	NS	240	8.2	0.19	4.0	81
ERM-MW-09	2	6/26/2006	NA	NA	NA	NA	<5	NA	NA	NA	NA	<3	NA	NA	**140**	NA	NA	NA
ERM-MW-15	2	12/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**6**	NA	NA	NA
ERM-MW-15	2	6/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**110**	NA	NA	NA
ERM-MW-16	2	12/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**13**	NA	NA	NA
ERM-MW-16	2	6/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**48**	NA	NA	NA
W-B-7	2	4/17/2003	<50 UJ	<50	**280** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	<50 UJ	<20
W-B-8	2	4/14/2003	<50 UJ	<50	**370** J	<5 UJ	<5	**47**	<20 UJ	**48** J	NA	**1900** J	NA	<20 UJ	**52**	<5 UJ	NA	**790**
W-B-8 (c)	2	4/14/2003	<60	<500	**440**	<4	<5	**52**	<50	**94**	NA	**960**	NA	<50	**100**	<10	<50	**140**
Area of Concern 3																		
ERM-MW-10	3	5/9/2003	NA	NA	NA	NA	<5	NA	NA	NA	NA	<50	NA	NA	**82**	NA	NA	NA
ERM-MW-10	3	12/30/2003	NA	NA	NA	NA	NA	NA	NA	<5 UJ	NA	NA	NA	NA	NA	NA	NA	NA
ERM-MW-10	3	6/26/2006	NA	NA	NA	NA	<5	NA	NA	<10	NA	<3	NA	NA	**26**	NA	NA	NA
W-B-10	3	4/15/2003	<50 UJ	<50	**68** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	<50 UJ	<20
W-B-11	3	4/15/2003	<50 UJ	<50	**86** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	<50 UJ	<20
W-B-12	3	4/15/2003	<50 UJ	<50	<50 UJ	<5 UJ	**38**	<5	<20 UJ	**220** J	NA	<50 UJ	NA	**85** J	**63**	<5 UJ	<50 UJ	**36**
Area of Concern 5																		
ERM-B-10	5	4/17/2003	**74** J	<50	**100** J	**8.6** J	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	<50 UJ	<20
ERM-B-11	5	4/17/2003	<50 UJ	<50	**76** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	NA	<20
W-B-1	5	4/14/2003	<60 Q	<5 Q	**70** Q	<4 Q	<5 Q	<20 Q	<50 Q	<50 Q	NA	<50 Q	NA	<50 Q	<50 Q	<10 Q	<50 Q	<50 Q
W-B-2	5	4/14/2003	<50 UJ	<50	**54** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	<50 UJ	<20
W-B-2 (c)	5	4/14/2003	<60	<5	<50	<4	<5	<20	<50	<50	NA	<50	NA	<50	<50	<10	<50	<50
W-B-3	5	4/15/2003	**55** J	<50	**120** J	**6.1** J+	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	<50 UJ	**6.3**
W-B-3 (c)	5	4/15/2003	<60	<5	**83**	<4	<5	**40**	<50	<50	NA	<50	NA	<50	**60**	<10	<50	<50
Area of Concern 7																		
ERM-MW-17	7	12/30/2003	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ERM-MW-17	7	6/26/2006	NA	**8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ERM-MW-17D	7	12/30/2003	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-B-16	7	4/17/2003	<50 UJ	<50	<50 UJ	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	**22** J	**54**	<5 UJ	<50 UJ	<20
W-B-16 (c)	7	4/17/2003	<60	**5.5**	<50	<4	<5	<20	<50	<50	NA	<50	NA	**130**	**54**	<10	<50	<50
W-B-17	7	4/17/2003	<50 UJ	<50	<50 UJ	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	<50 UJ	<20
W-B-17 (c)	7	4/17/2003	<6	**12**	<50	<4	<5	<20	<50	<50	NA	<50	NA	<50	<50	<10	<5	<50
Area of Concern 8																		
ERM-B-12	8	4/17/2003	<50 UJ	<50	**240** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	**31** J	**63**	<5 UJ	<50 UJ	<20
Area of Concern 9																		
ERM-B-13	9	4/16/2003	<50 UJ	<50	**58** J	**5.9** J	<5	<5	<20 UJ	<5 UJ	NA	**57** J	NA	**28** J	<20	**5.8** J	<50 UJ	**17**
ERM-B-14	9	4/17/2003	<50 UJ	<50	**58** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	**65** J	<20
P-2/UAL-MW-05	9	6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20	NA	NA	NA
P-2/UAL-MW-5	9	4/22/2003	<60 Q	<500 Q	**53** Q	<4 Q	<5 Q	<20 Q	<50 Q	<50 Q	NA	<50 Q	NA	<50 Q	<50 Q	<10 Q	<50 Q	<50 Q
P-2/UAL-MW-5	9	11/6/2003	NA	NA	NA	NA	NA	NA	NA	NA	**590**	NA	**1300**	NA	<5	NA	NA	NA
W-B-22	9	4/18/2003	<50 UJ	<50	<50 UJ	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	<50 UJ	**9.9**

Table E-6a *(URS Table 2-6a)*
Post-2002 Data Set - Groundwater Results - Metals - Tier-1

Sample Location	AOC	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Manganese	Molybdenum	Nickel	Silver	Thallium	Zinc
		Airport Worker Tier-1	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Construction Worker Tier-1	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Ecological Receptor Tier-1 (a)	30	0.14	1000	0.53	0.25	180	3.0	3.1	NS	2.5	NS	240	8.2	0.19	4.0	81
Area of Concern 14																		
ERM-B-23	14	4/17/2003	<50 UJ	<50	**77** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	<50 UJ	<20
W-B-32	14	4/16/2003	<50 Q	<50 Q	**120** Q	**5.8** Q	<5 Q	<5 Q	<20 Q	**5.6** Q	NA	**50** Q	NA	<20 Q	<20 Q	<5 Q	NA	**21** Q
W-B-38	14	4/15/2003	<50 UJ	<50	<50 UJ	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	<50 UJ	<20
Area of Concern 17																		
P-1/UAL-MW-4	17	4/22/2003	<60 Q	**847** Q	**180** Q	<4 Q	<5 Q	<20 Q	<50 Q	<50 Q	NA	<50 Q	NA	<50 Q	<50 Q	<10 Q	<50 Q	<50 Q
UAL-MW-01	17	6/27/2006	<60	**42**	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UAL-MW-02	17	6/27/2006	<60	<5	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UAL-MW-03	17	6/27/2006	<60	**12**	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UAL-MW-1	17	4/15/2003	<60 Q	**8** Q	**150** Q	<4 Q	<5 Q	<20 Q	<50 Q	<50 Q	NA	<50 Q	NA	<50 Q	<50 Q	<10 Q	<50 Q	<50 Q
UAL-MW-2	17	4/15/2003	<60 Q	<5 Q	**100** Q	<4 Q	<5 Q	<20 Q	<50 Q	<50 Q	NA	<50 Q	NA	<50 Q	<50 Q	<10 Q	<50 Q	<50 Q
UAL-MW-3	17	4/15/2003	<60 Q	<5 Q	<50 Q	<4 Q	<5 Q	<20 Q	<50 Q	<50 Q	NA	<50 Q	NA	<50 Q	**100** Q	<10 Q	<50 Q	<50 Q
Area of Concern 18																		
W-B-18	18	4/18/2003	<60 Q	<50 Q	**570** Q	<4 Q	<5 Q	<20 Q	<50 Q	<50 Q	NA	<50 Q	NA	<50 Q	<50 Q	<10 Q	<50 Q	<50 Q
W-B-19	18	4/18/2003	<60 Q	<50 Q	<5 Q	<0.4 Q	<0.5 Q	<2 Q	<5 Q	<5 Q	NA	<50 Q	NA	<5 Q	<5 Q	<1 Q	<50 Q	<5 Q
W-B-20	18	4/18/2003	<60 Q	<50 Q	**99** Q	<0.4 Q	<0.5 Q	<2 Q	<5 Q	<5 Q	NA	<50 Q	NA	<5 Q	<5 Q	<1 Q	<50 Q	<5 Q
W-B-20D	18	4/18/2003	<600 Q	<500 Q	**130** Q	<0.4 Q	<0.5 Q	<2 Q	<5 Q	<5 Q	NA	<5 Q	NA	<50 Q	<5 Q	<1 Q	<500 Q	<5 Q
W-B-9	18	4/18/2003	<60 Q	<50 Q	**120** Q	<0.4 Q	<0.5 Q	<2 Q	<5 Q	<5 Q	NA	<50 Q	NA	<5 Q	<5 Q	<1 Q	<50 Q	<5 Q
Area of Concern 19																		
W-B-25	19	4/16/2003	<50 UJ	<50	<50 UJ	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	<50 UJ	**8.1**
W-B-29	19	4/16/2003	<50 UJ	<50	**120** J	<5 UJ	<5	<5	<20 UJ	<5 UJ	NA	<50 UJ	NA	<20 UJ	<20	<5 UJ	<50 UJ	**5**

Notes
Yellow highlighting indicates an exceedance of the selected ESL.
Bolding indicates detected concentrations.
All units are in micrograms per liter (ug/L).
Only analytes that have at least one detection are shown.
< = analyte was not detected at or above the laboratory method detection limit
ESL = environmental screening level
IP =incomplete pathway
NA = not analyzed

Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Footnotes
(a) Tier-1 ecological receptor screening level value is based on estuarine values in Table F Environmental Screening Levels (ESLs) Surface Water Bodies (RWQCB December 2013).
(b) Analyte analyzed by a second method.
(c) Analyzed by a second lab.

References
RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Table E-6b *(URS Table 2-6b)*
Post-2002 Data Set - Groundwater Results - Metals - Tier-2

Sample Location	AOC	Date Sampled	Antimony	Arsenic	Beryllium	Cadmium	Cobalt	Copper	Lead	Nickel	Silver	Thallium	Zinc
		Airport Worker Tier-2	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Construction Worker Tier-2	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
		Ecological Receptor Tier-2 (a)	210	0.98	3.7	1.8	21	22	18	57	1.3	28	570
Area of Concern 1													
ERM-B-1	1	4/15/2003	<50 UJ	<50	<5 UJ	<5	**20** J	<5 UJ	<50 UJ	**190**	<5 UJ	<50 UJ	**6.5**
ERM-B-2	1	4/15/2003	<50 UJ	<50	<5 UJ	<5	<20 UJ	<5 UJ	<50 UJ	**130**	<5 UJ	NA	<5
ERM-B-2 (b)	1	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5	NA
ERM-MW-01	1	5/9/2003	NA	NA	NA	NA	NA	NA	NA	**90**	NA	NA	NA
ERM-MW-01	1	11/6/2003	NA	NA	NA	NA	NA	NA	NA	**190**	NA	NA	NA
ERM-MW-01	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	**71**	NA	NA	NA
ERM-MW-02	1	5/9/2003	NA	NA	NA	NA	NA	NA	NA	**36**	NA	NA	NA
ERM-MW-02	1	11/6/2003	NA	NA	NA	NA	NA	NA	NA	**15**	NA	NA	NA
ERM-MW-02	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	**24**	NA	NA	NA
ERM-MW-03	1	5/9/2003	NA	NA	NA	NA	NA	NA	NA	<30	NA	NA	NA
ERM-MW-03	1	11/6/2003	NA	NA	NA	NA	NA	NA	NA	**49**	NA	NA	NA
ERM-MW-03	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	**39**	NA	NA	NA
ERM-MW-04	1	5/9/2003	NA	NA	NA	NA	NA	NA	NA	**62**	NA	NA	NA
ERM-MW-04	1	11/7/2003	NA	NA	NA	NA	NA	NA	NA	**200**	NA	NA	NA
ERM-MW-04	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	**51**	NA	NA	NA
ERM-MW-05	1	5/9/2003	NA	NA	NA	NA	NA	NA	NA	<30	NA	NA	NA
ERM-MW-05	1	11/7/2003	NA	NA	NA	NA	NA	NA	NA	**45**	NA	NA	NA
ERM-MW-05	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	<20	NA	NA	NA
ERM-MW-11	1	12/30/2003	NA	NA	NA	NA	NA	NA	NA	**14**	NA	NA	NA
ERM-MW-11	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	**97**	NA	NA	NA
ERM-MW-12	1	12/29/2003	NA	NA	NA	NA	NA	NA	NA	**10**	NA	NA	NA
ERM-MW-12	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	**22**	NA	NA	NA
ERM-MW-13	1	12/29/2003	NA	NA	NA	NA	NA	NA	NA	**160**	NA	NA	NA
ERM-MW-13	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	**370**	NA	NA	NA
ERM-MW-14	1	12/29/2003	NA	NA	NA	NA	NA	NA	NA	**590**	NA	NA	NA
ERM-MW-14	1	6/27/2006	NA	NA	NA	NA	NA	NA	NA	**68**	NA	NA	NA
W-B-4	1	4/15/2003	<50 UJ	<50	<5 UJ	<5	<20 UJ	<5 UJ	<50 UJ	<20	<5 UJ	NA	<20
W-B-5	1	4/15/2003	<50 UJ	<50	<5 UJ	<5	<20 UJ	<5 UJ	<50 UJ	**64**	<5 UJ	<50 UJ	<20
W-B-6	1	4/15/2003	<50 UJ	<50	<5 U	<5	<20 UJ	<5 UJ	<50 UJ	**31**	<5 UJ	<50 UJ	<20

Table E-6b *(URS Table 2-6b)*
Post-2002 Data Set - Groundwater Results - Metals - Tier-2

Sample Location	AOC	Date Sampled	Antimony		Arsenic		Beryllium		Cadmium		Cobalt		Copper		Lead		Nickel		Silver		Thallium		Zinc
		Airport Worker Tier-2	IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP
		Construction Worker Tier-2	IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP
		Ecological Receptor Tier-2 (a)	210		0.98		3.7		1.8		21		22		18		57		1.3		28		570
Area of Concern 2																							
ERM-B-3	2	4/15/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	**120**		<5	UJ	<50	UJ	<5
ERM-B-4	2	4/15/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	**160**		<5	UJ	<50	UJ	<5
ERM-B-5	2	4/15/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	**230**		<5	UJ	NA		**6.6**
ERM-B-6	2	4/15/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	**260**		<5	UJ	NA		<5
ERM-B-7	2	4/15/2003	<50	UJ	<50		<5	UJ	**5.6**		<20	UJ	**5.4**	J	<50	UJ	**92**		<5	UJ	<50	UJ	**14**
ERM-MW-06	2	5/9/2003	NA		NA		NA		<5		NA		NA		<50		<30		NA		NA		NA
ERM-MW-06	2	12/30/2003	NA		NA		NA		NA		NA		**17**		NA		NA		NA		NA		NA
ERM-MW-06	2	6/27/2006	NA		NA		NA		<5		NA		<10		<3		<20		NA		NA		NA
ERM-MW-07	2	5/9/2003	NA		NA		NA		<5		NA		NA		<50		**84**		NA		NA		NA
ERM-MW-07	2	6/26/2006	NA		NA		NA		<5		NA		NA		<3		**23**		NA		NA		NA
ERM-MW-08	2	5/9/2003	NA		NA		NA		<5		NA		NA		<50		**110**		NA		NA		NA
ERM-MW-08	2	6/26/2006	NA		NA		NA		<5		NA		NA		<3		**250**		NA		NA		NA
ERM-MW-09	2	5/9/2003	NA		NA		NA		<5		NA		NA		<50		**230**		NA		NA		NA
ERM-MW-09	2	6/26/2006	NA		NA		NA		<5		NA		NA		<3		**140**		NA		NA		NA
ERM-MW-15	2	12/30/2003	NA		NA		NA		NA		NA		NA		NA		**6**		NA		NA		NA
ERM-MW-15	2	6/26/2006	NA		NA		NA		NA		NA		NA		NA		**110**		NA		NA		NA
ERM-MW-16	2	12/30/2003	NA		NA		NA		NA		NA		NA		NA		**13**		NA		NA		NA
ERM-MW-16	2	6/26/2006	NA		NA		NA		NA		NA		NA		NA		**48**		NA		NA		NA
W-B-7	2	4/17/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	<50	UJ	<20
W-B-8	2	4/14/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	**48**	J	**1900**	J	**52**		<5	UJ	NA		**790**
W-B-8 (c)	2	4/14/2003	<60		<500		<4		<5		<50		**94**		**960**		**100**		<10		<50		**140**
Area of Concern 3																							
ERM-MW-10	3	5/9/2003	NA		NA		NA		<5		NA		NA		<50		**82**		NA		NA		NA
ERM-MW-10	3	12/30/2003	NA		NA		NA		NA		NA		<5	UJ	NA		NA		NA		NA		NA
ERM-MW-10	3	6/26/2006	NA		NA		NA		<5		NA		<10		<3		**26**		NA		NA		NA
W-B-10	3	4/15/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	<50	UJ	<20
W-B-11	3	4/15/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	<50	UJ	<20
W-B-12	3	4/15/2003	<50	UJ	<50		<5	UJ	**38**		<20	UJ	**220**	J	<50	UJ	**63**		<5	UJ	<50	UJ	**36**

Table E-6b *(URS Table 2-6b)*
Post-2002 Data Set - Groundwater Results - Metals - Tier-2

Sample Location	AOC	Date Sampled	Antimony		Arsenic		Beryllium		Cadmium		Cobalt		Copper		Lead		Nickel		Silver		Thallium		Zinc	
		Airport Worker Tier-2	IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP	
		Construction Worker Tier-2	IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP	
		Ecological Receptor Tier-2 (a)	210		0.98		3.7		1.8		21		22		18		57		1.3		28		570	
Area of Concern 5																								
ERM-B-10	5	4/17/2003	**74**	J	<50		**8.6**	J	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	<50	UJ	<20	
ERM-B-11	5	4/17/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	NA		<20	
W-B-1	5	4/14/2003	<60	Q	<5	Q	<4	Q	<5	Q	<50	Q	<50	Q	<50	Q	<50	Q	<10	Q	<50	Q	<50	Q
W-B-2	5	4/14/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	<50	UJ	<20	
W-B-2 (c)	5	4/14/2003	<60		<5		<4		<5		<50		<50		<50		<50		<10		<50		<50	
W-B-3	5	4/15/2003	**55**	J	<50		**6.1**	J+	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	<50	UJ	**6.3**	
W-B-3 (c)	5	4/15/2003	<60		<5		<4		<5		<50		<50		<50		**60**		<10		<50		<50	
Area of Concern 7																								
ERM-MW-17	7	12/30/2003	NA		<5		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ERM-MW-17	7	6/26/2006	NA		**8**		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ERM-MW-17D	7	12/30/2003	NA		<5		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W-B-16	7	4/17/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	**54**		<5	UJ	<50	UJ	<20	
W-B-16 (c)	7	4/17/2003	<60		**5.5**		<4		<5		<50		<50		<50		**54**		<10		<50		<50	
W-B-17	7	4/17/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	<50	UJ	<20	
W-B-17 (c)	7	4/17/2003	<6		**12**		<4		<5		<50		<50		<50		<50		<10		<5		<50	
Area of Concern 8																								
ERM-B-12	8	4/17/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	**63**		<5	UJ	<50	UJ	<20	
Area of Concern 9																								
ERM-B-13	9	4/16/2003	<50	UJ	<50		**5.9**	J	<5		<20	UJ	<5	UJ	**57**	J	<20		**5.8**	J	<50	UJ	**17**	
ERM-B-14	9	4/17/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	**65**	J	<20	
P-2/UAL-MW-05	9	6/27/2006	NA		NA		NA		NA		NA		NA		NA		<20		NA		NA		NA	
P-2/UAL-MW-5	9	4/22/2003	<60	Q	<500	Q	<4	Q	<5	Q	<50	Q	<50	Q	<50	Q	<50	Q	<10	Q	<50	Q	<50	Q
P-2/UAL-MW-5	9	11/6/2003	NA		NA		NA		NA		NA		NA		NA		<5		NA		NA		NA	
W-B-22	9	4/18/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	<50	UJ	**9.9**	
Area of Concern 14																								
ERM-B-23	14	4/17/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	<50	UJ	<20	
W-B-32	14	4/16/2003	<50	Q	<50	Q	**5.8**	Q	<5	Q	<20	Q	**5.6**	Q	**50**	Q	<20	Q	<5	Q	NA		**21**	Q
W-B-38	14	4/15/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	<50	UJ	<20	
Area of Concern 17																								
P-1/UAL-MW-4	17	4/22/2003	<60	Q	**847**	Q	<4	Q	<5	Q	<50	Q	<50	Q	<50	Q	<50	Q	<10	Q	<50	Q	<50	Q
UAL-MW-01	17	6/27/2006	<60		**42**		<2		NA		NA		NA		NA		NA		NA		NA		NA	
UAL-MW-02	17	6/27/2006	<60		<5		<2		NA		NA		NA		NA		NA		NA		NA		NA	
UAL-MW-03	17	6/27/2006	<60		**12**		<2		NA		NA		NA		NA		NA		NA		NA		NA	
UAL-MW-1	17	4/15/2003	<60	Q	**8**	Q	<4	Q	<5	Q	<50	Q	<50	Q	<50	Q	<50	Q	<10	Q	<50	Q	<50	Q
UAL-MW-2	17	4/15/2003	<60	Q	<5	Q	<4	Q	<5	Q	<50	Q	<50	Q	<50	Q	<50	Q	<10	Q	<50	Q	<50	Q
UAL-MW-3	17	4/15/2003	<60	Q	<5	Q	<4	Q	<5	Q	<50	Q	<50	Q	<50	Q	**100**	Q	<10	Q	<50	Q	<50	Q

Table E-6b *(URS Table 2-6b)*
Post-2002 Data Set - Groundwater Results - Metals - Tier-2

Sample Location	AOC	Date Sampled	Antimony		Arsenic		Beryllium		Cadmium		Cobalt		Copper		Lead		Nickel		Silver		Thallium		Zinc	
		Airport Worker Tier-2	IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP	
		Construction Worker Tier-2	IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP	
		Ecological Receptor Tier-2 (a)	210		0.98		3.7		1.8		21		22		18		57		1.3		28		570	
Area of Concern 18																								
W-B-18	18	4/18/2003	<60	Q	<50	Q	<4	Q	<5	Q	<50	Q	<50	Q	<50	Q	<50	Q	<10	Q	<50	Q	<50	Q
W-B-19	18	4/18/2003	<60	Q	<50	Q	<0.4	Q	<0.5	Q	<5	Q	<5	Q	<50	Q	<5	Q	<1	Q	<50	Q	<5	Q
W-B-20	18	4/18/2003	<60	Q	<50	Q	<0.4	Q	<0.5	Q	<5	Q	<5	Q	<50	Q	<5	Q	<1	Q	<50	Q	<5	Q
W-B-20D	18	4/18/2003	<600	Q	<500	Q	<0.4	Q	<0.5	Q	<5	Q	<5	Q	<5	Q	<5	Q	<1	Q	<500	Q	<5	Q
W-B-9	18	4/18/2003	<60	Q	<50	Q	<0.4	Q	<0.5	Q	<5	Q	<5	Q	<50	Q	<5	Q	<1	Q	<50	Q	<5	Q
Area of Concern 19																								
W-B-25	19	4/16/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	<50	UJ	**8.1**	
W-B-29	19	4/16/2003	<50	UJ	<50		<5	UJ	<5		<20	UJ	<5	UJ	<50	UJ	<20		<5	UJ	<50	UJ	**5**	

Notes

Yellow highlighting indicates an exceedance of the selected ESL.
Bolding indicates detected concentrations.
All units are in micrograms per liter (ug/L).
Only analytes that have at least one detection and have exceeded the Tier-1 screening level are shown.
< = analyte was not detected at or above the laboratory method detection limit
DAF = dilution attenuation factor
ESL = environmental screening level
IP = incomplete pathway
NA = not analyzed

Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
Q = Data not validated and there is a high uncertainty associated with the quality adequacy of the data.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Footnotes

(a) Tier-2 Ecological receptor screening level value is based on estuarine values in Table F-4a Summary of Selected Aquatic Habitat Goals (RWQCB December 2013) multiplied by DAF of 7.
(b) Analyte analyzed by a second method.
(c) Analyzed by a second lab.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Attachment F

Petroleum and VOC Concentrations in Groundwater near MF25/26

Table F-1 *(URS Table 2-10)*
Post-2002 Data Set - MF25/MF26 - Groundwater Results - TPH

Sample Location	Date Sampled	TPH-d		TPH-g	TPH-ho	TPH-jf		TPH-mo	
Groundwater Gross Contamination Level (a)		2500		5000	2500	2500		2500	
Surface Water Gross Contamination (a)		10500		35000	10500	10500		10500	
Ecological Receptor Tier 2 (a)		4500		3500	4500	4500		4500	
Area MF25/M26									
MW-1	8/3/2006	**62**	Y	<50	<300	<50		<300	
MW-1_20110823	8/23/2011	**5600**		**160**	NA	**5000**		<200	
MW-2	8/3/2006	**2500**	Y	**2700**	**1300**	**2600**	Y	<300	
MW-2_20110823	8/23/2011	**17000**	J	**1500**	NA	**15000**	J	<1000	UJ
MW-3	8/3/2006	**460**	Y	**280**	**390**	**460**	Y	<300	
MW-3_20110823	8/23/2011	**80000**	J	**230**	NA	**64000**	J	**33000**	J
MW-4	8/3/2006	**130**	Y	**73**	<300	**110**	Y	<300	
MW-4_20110823	8/23/2011	**4900**		**380**	NA	**4400**		<200	
QCFD-1_20110823	8/23/2011	**4700**		**390**	NA	**4200**		<200	
MW-5	8/3/2006	<50		<50	<300	<50		<300	
MW-5_20110823	8/23/2011	**230**		<50	NA	<50		**480**	
MW-6	8/3/2006	<50		<50	<300	<50		<300	
MW-6_20110823	8/23/2011	**120**		<50	NA	<51		**260**	
MW-7	8/3/2006	<50		<50	<300	<50		<300	
MW-7_20110823	8/23/2011	**73**		<50	NA	<51		**140**	
MW-8	8/3/2006	<50	Y	<50	<300	<50	Y	<300	
MW-8_20110823	8/23/2011	<50		**71**	NA	<50		<100	

Notes

Yellow highlighting indicates an exceedance of the selected ESL.
Bolding indicates detected concentrations.
All units are in micrograms per liter (ug/L).
Only analytes that have at least one detection are shown.
QCFD-1_20110823 is a duplicate of MW-4_20110823.
< = analyte was not detected at or above the laboratory method detection limit
ESL = environmental screening level
NA = not analyzed
TPH-d = total petroleum hydrocarbon as diesel range organics
TPH-g = total petroleum hydrocarbon as gasoline range organics
TPH-ho = total petroleum hydrocarbon as hydraulic oil
TPH-jf = total petroleum hydrocarbon as jet fuel
TPH-mo = total petroleum hydrocarbon as motor oil range organics

Footnotes

(a) Groundwater gross contamination screening level value is based on Table I-2 Groundwater Ceiling Levels (Groundwater is Not a Current or Potential Source of Drinking Water). Surface water gross contamination level is based on Table I-4 Surface Water Ceiling Levels (Surface Water is Not a Current or Potential Source of Drinking Water). Tier-2 Ecological receptor screening level value is based on estuarine values in Table F-4a Summary of Selected Aquatic Habitat Goals multiplied by DAF of 7 (RWQCB 2013)

Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the
Y = Sample exhibits chromatographic pattern which does not resemble standard

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater, Updated December 2013. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Table F-2 *(URS Table 2-11)*
Post-2002 Data Set - MF25/MF26 - Groundwater Results - VOC

Sample Location	Date Sampled	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,3,5-Trimethylbenzene	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene		m,p-Xylenes	Naphthalene	n-Butylbenzene	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	Total Xylene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Groundwater Gross Contam. Level (a)		50000	15000	NS	50000	NS	20000	160	50000	300	NS		5300	210	NS	NS	5300	NS	NS	NS	3000	400	5300	2600	50000	34000
Surface Water Gross Contam. (a)		350000	10500	NS	140000	NS	14000	110	350000	210	NS		3700	150	NS	NS	3700	NS	NS	NS	2100	280	3700	1800	70000	24000
Ecological Receptor Tier 2 (a)		330	22	NS	690	NS	320	110	4100	210	NS		700	150	NS	NS	700	NS	NS	NS	62	280	700	1800	570	3700
Area MF25/MF26																										
MW-1	6/30/2006	**13**	**1.7**	<0.5	<0.5	<0.5	<0.5	<1	**2.8**	<0.5	<0.5		<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
MW-1_20110823	8/23/2011	**23**	**10**	<0.5	<0.5	<0.5	**1.9**	<1	**63**	<0.5	**0.56**	J	NA	<1	<1	<1	NA	<1	**1.4**	<1	<0.5	<0.5	<1	**2.8**	**2.2**	**0.9**
MW-2	6/30/2006	**56**	**3.7**	**160**	<0.7	**37**	**27**	**8.3**	**39**	**97**	**16**		**200**	**130**	**12**	**25**	**56**	**8.4**	**7.5**	**1.3**	<0.7	**26**	NA	<0.7	**1.1**	**0.9**
MW-2_20110823	8/23/2011	**28**	**6.8**	**50**	<0.5	**9.3**	**11**	**4.7**	**57**	**57**	**24**	J	NA	**170**	**13**	**39**	NA	**4.3**	**12**	**1.8**	<0.5	**0.73**	**24**	**1.1**	**0.51**	**1.3**
MW-3	6/30/2006	**5.3**	<0.5	**6.5**	<0.5	**1.6**	**34**	**1.9**	**1.7**	**17**	**2.5**		**9.0**	**5.3**	**1.7**	**3.7**	**13**	**2.7**	**1.9**	<0.5	<0.5	**2.1**	NA	<0.5	**0.9**	<0.5
MW-3_20110823	8/23/2011	**5.9**	<0.5	**1.8**	<0.5	<0.5	**20**	**2.8**	**2.0**	**11**	**2.0**		NA	**4.1**	<1	**2.3**	NA	<1	**1.4**	<1	<0.5	**1.8**	**22**	<0.5	<0.5	**1.4**
MW-4	6/30/2006	**31**	**2.6**	<0.5	<0.5	<0.5	**5.9**	**1.4**	**5.4**	**0.8**	**1.2**		<0.5	<2	**0.8**	**1.3**	<0.5	<0.5	**1.3**	**0.6**	<0.5	<0.5	NA	<0.5	**0.9**	<0.5
MW-4_20110823	8/23/2011	**26**	**4.5**	**3.3**	<0.5	**0.98**	**13**	**2.2**	**51**	**2.0**	**2.2**	J	NA	**6.5**	**2.1**	**2.9**	NA	<1	**2.2**	<1	<0.5	<0.5	**3.4**	**1.9**	**15**	**0.79**
QCFD-1_20110823	8/23/2011	**26**	**5.3**	**3.8**	<0.5	**1.2**	**14**	**2.2**	**50**	**2.4**	**2.2**		NA	**7.0**	**2.1**	**3**	NA	<1	**2.2**	<1	<0.5	<0.5	**4.7**	**1.9**	**15**	**0.82**
MW-5	6/30/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5		<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
MW-5 (Dup)	6/30/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5		<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
MW-5_20110823	8/23/2011	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5		NA	<1	<1	<1	NA	<1	<1	<1	<0.5	<0.5	<1	<0.5	<0.5	<0.5
MW-6	6/30/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5		<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
MW-6_20110823	8/23/2011	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5		NA	<1	<1	<1	NA	<1	<1	<1	<0.5	<0.5	<1	<0.5	<0.5	<0.5
MW-7	6/30/2006	**3.4**	**1.9**	<0.5	<0.5	<0.5	<0.5	<1	**0.9**	<0.5	<0.5		<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.9**	<0.5	NA	<0.5	**1.0**	<0.5
MW-7_20110823	8/23/2011	**7.1**	**4.2**	<0.5	<0.5	<0.5	<0.5	<1	**1.4**	<0.5	<0.5		NA	<1	<1	<1	NA	<1	<1	<1	**1.1**	<0.5	<1	<0.5	**2.3**	<0.5
MW-8	6/30/2006	**36**	**51**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5		<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	**0.8**
MW-8_20110823	8/23/2011	**41**	**87**	<0.5	**2.5**	<0.5	**0.5**	<1	<0.5	<0.5	<0.5		NA	<1	<1	<1	NA	<1	<1	<1	<0.5	<0.5	<1	<0.5	<0.5	**1.3**

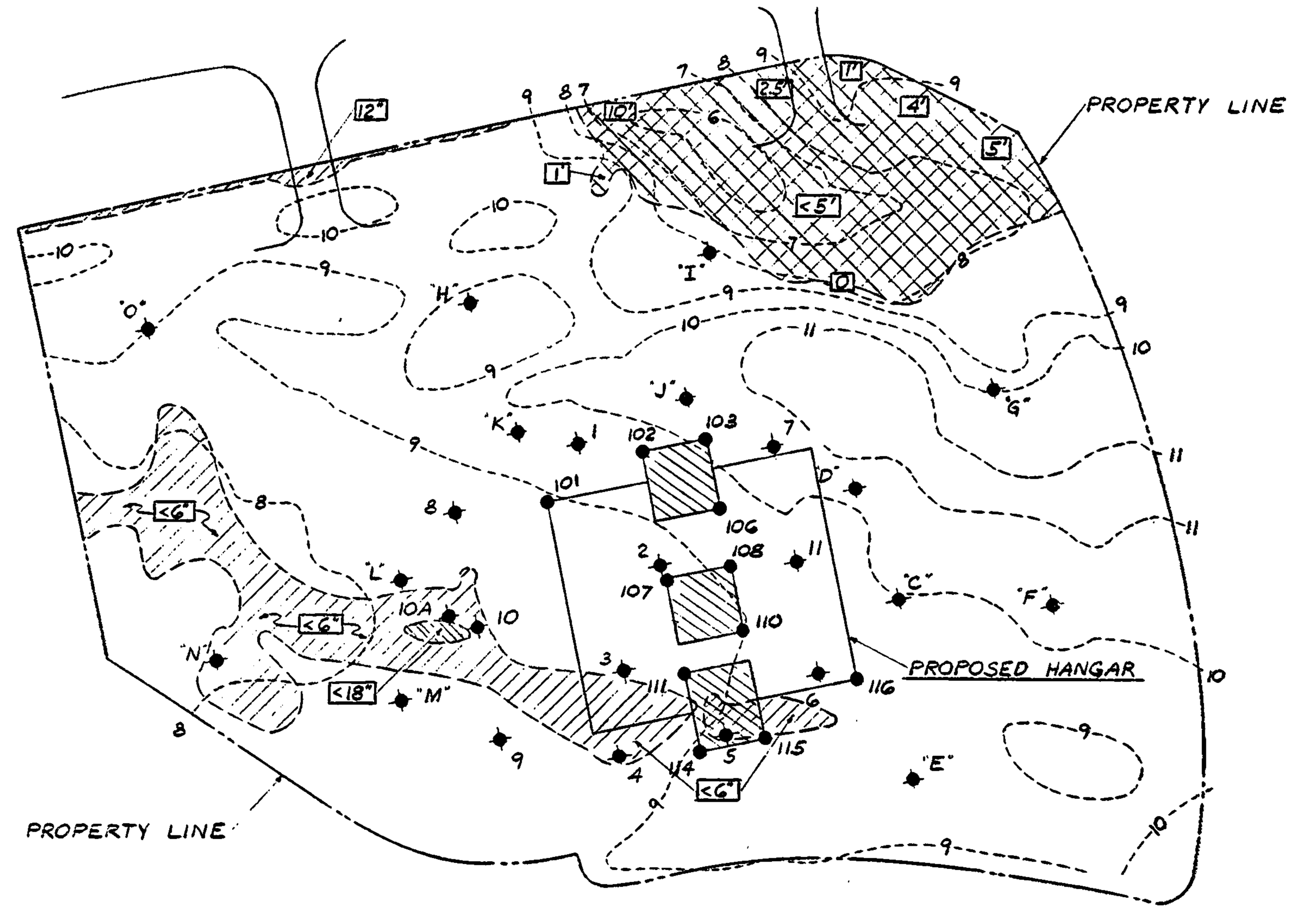
Notes
Yellow highlighting indicates an exceedance of the selected ESL.
Bolding indicates detected concentrations.
All units are in micrograms per liter (ug/L).
Only analytes that have at least one detection are shown.
QCFD-1_20110823 is a duplicate of MW-4_20110823.
< = analyte was not detected at or above the laboratory method detection limit
ESL = environmental screening level
NA = not analyzed
NS = no ESL standard

Footnotes
(a) Groundwater gross contamination screening level value is based on Table I-2 Groundwater Ceiling Levels (Groundwater is Not a Current or Potential Source of Drinking Water). Surface water gross contamination level is based on Table I-4 Surface Water Ceiling Levels (Surface Water is Not a Current or Potential Source of Drinking Water) multiplied by DAF of 7. Tier-2 Ecological receptor screening level value is based on estuarine values in Table F-4a Summary of Selected Aquatic Habitat Goals multiplied by DAF of 7 (RWQCB 2013)

References
RWQCB (San Francisco Bay Regional Water Quality Control Board) 2013. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater, Updated December 2013. California EPA,

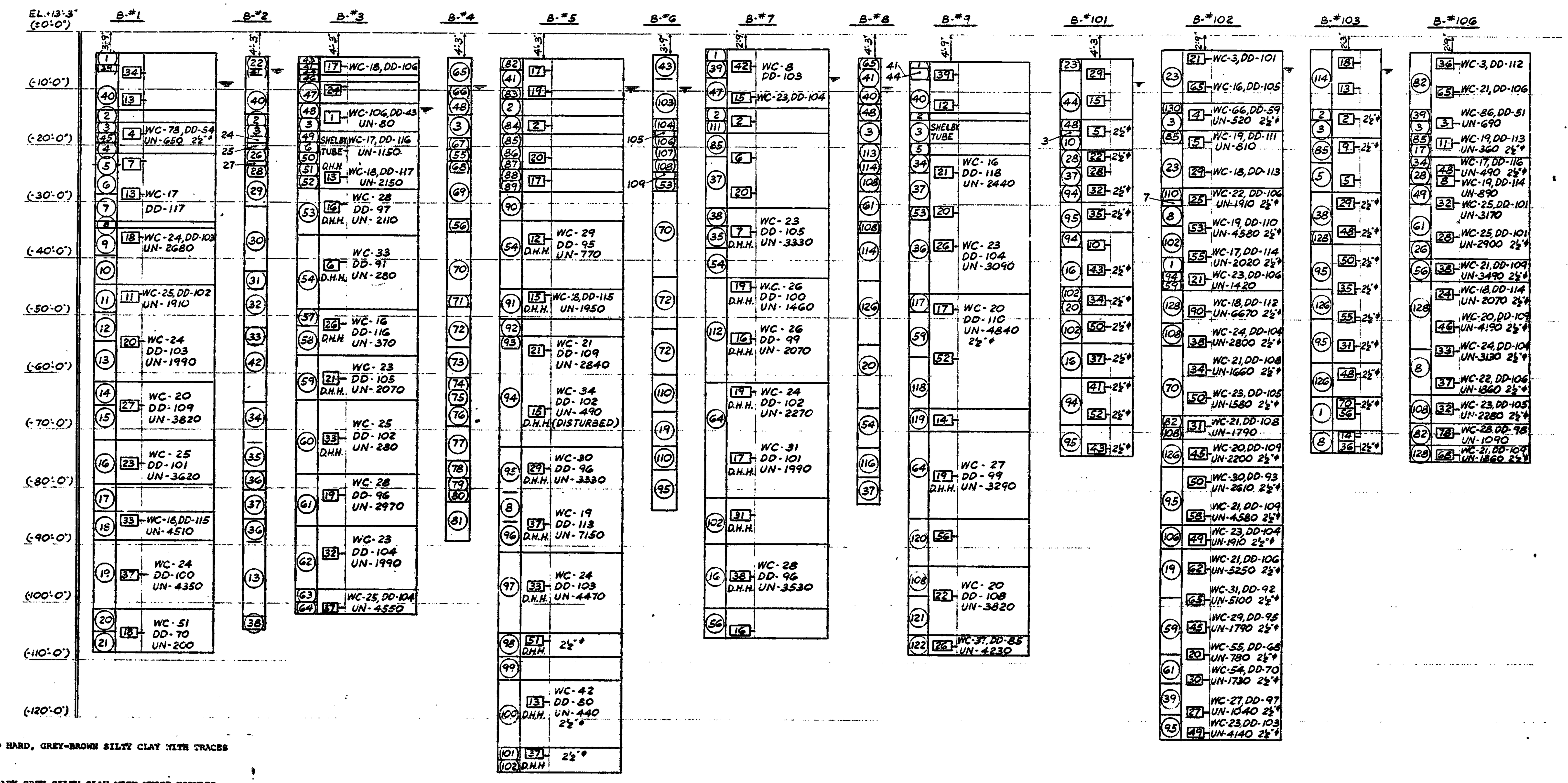
Attachment G

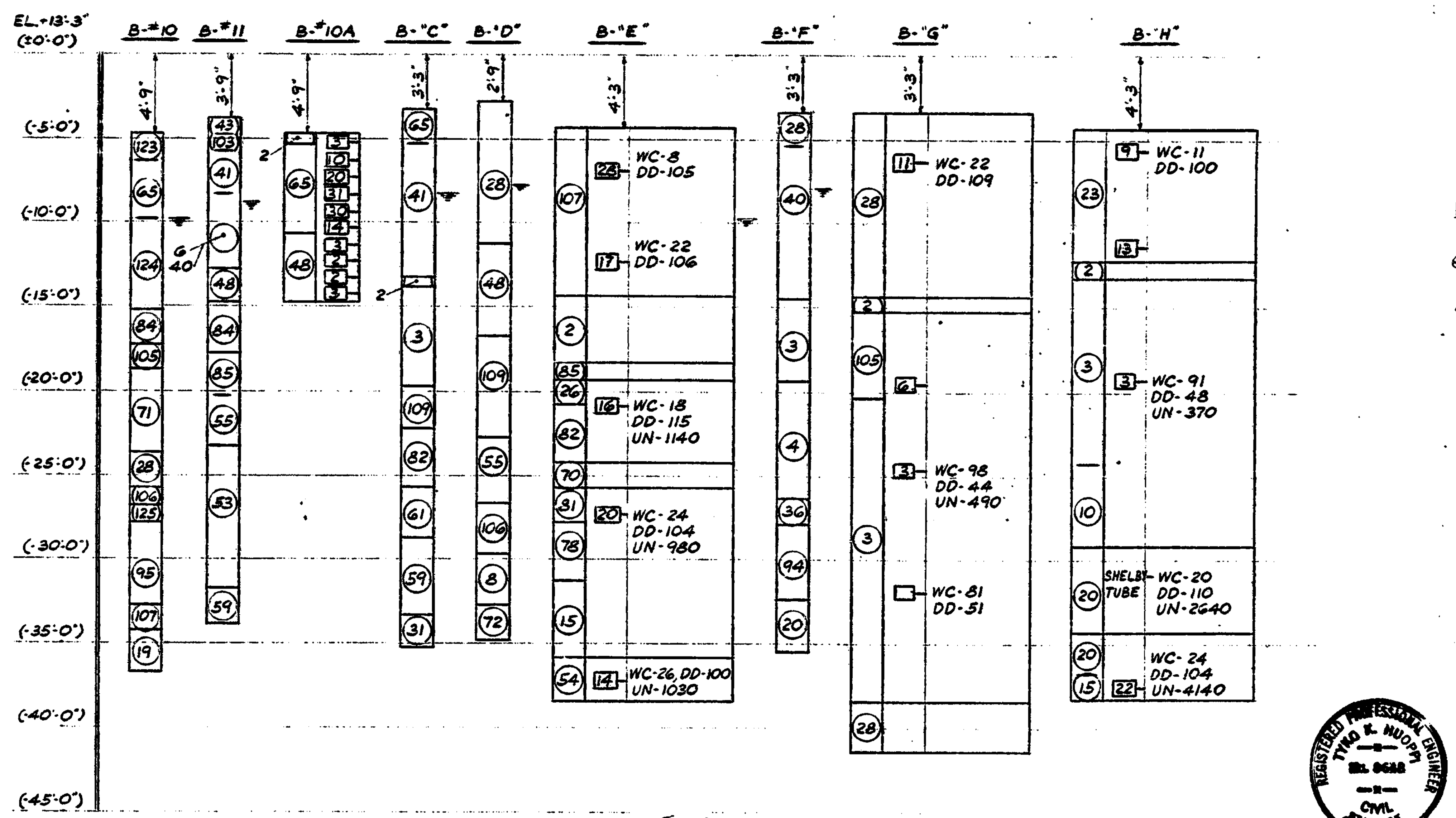
Historical Boring Logs from Geotechnical Investigation



BORING LOCATION PLAN

SCALE: 1"=200'





SOIL DESCRIPTION

1. DENSE TO MEDIUM DENSE, DRY, BROWN-GREY SAND
2. SOFT, BROWN - GREY SILTY CLAY WITH SAND LENSES (HYDRAULIC FILL)
3. SOFT, DARK GREY SILTY CLAY (BAY MUD).
4. LOOSE, BLACK CLAYEY SAND WITH ORGANIC MATERIAL.
5. LOOSE, GRAY CLAYEY SAND.
6. LOOSE TO MEDIUM DENSE.
7. MEDIUM DENSE, DARK BLUE-GREY SAND.
8. STIFF, ~~DARK BLUE GREY SILTY GRAY~~
9. STIFF, TAN SILTY CLAY WITH ORGANIC MATERIAL AND WHITE NODULES.
10. WITH SANDY LENSES
11. MEDIUM TO STIFF, MOTTLED TAN TO BROWN SANDY SILTY CLAY.
12. WITH SANDY CLAY AND CLAYEY SAND LENSES.
13. TAN
14. STIFF, BLUE-GREY TO GREY FINE SANDY SILTY CLAY.
15. VERY STIFF
16. STIFF TO VERY STIFF, GREY SILTY CLAY WITH SANDY CLAY LAYERS.
17. MEDIUM DENSE, BLUE-GREY CLAYEY SAND.
18. VERY STIFF, GREY SILTY CLAY WITH SANDY CLAY.
19. VERY STIFF, TAN SILTY CLAY.
20. STIFF, GREY SILTY CLAY.
21. MEDIUM STIFF, LIGHT GREY SILTY CLAY AND SHELLS.
22. MEDIUM DENSE, DRY, GREY FINE SAND WITH TRACES OF SHELLS.
23. LOOSE, MOIST GREY SAND.
24. WITH PEAT
25. LOOSE TO MEDIUM DENSE, BLACK ORGANIC SAND
26. STIFF, BLUE-GREEN SANDY CLAY.
27. CLAYEY SAND.
28. MEDIUM DENSE, BROWN-GREY SAND.
29. SILTY SAND.
30. MEDIUM DENSE, DARK BLUE-GREY CLAYEY SAND.
31. STIFF TO VERY STIFF, TAN SILTY CLAY.
32. WITH WHITE NODULES
33. VERY STIFF, GREY-BROWN GRAVELLY CLAY.
34. STIFF, BLUE-GREY FINE SANDY CLAY.
35. STIFF TO VERY STIFF, GREY.
36. VERY STIFF, GREY SILTY CLAY.
37. MEDIUM DENSE, GREY CLAYEY SAND.
38. STIFF, BLUE-GREY TO GREY SILTY CLAY.
39. MOIST AND TRACES OF SHELLS
40. WET
41. MOIST
42. TAN, SANDY
43. MEDIUM DENSE, DRY, GREY SAND
44. WITH MUD BALLS AND SHELLS.
45. SOFT, SANDY WITH TRACES OF ORGANIC MATERIAL.
46. SOFT, WET, DARK GREY SILTY CLAY.
47. MEDIUM DENSE, SATURATED, GREY SAND.
48. SOFT, BROWN SILTY CLAY (HYDRAULIC FILL)
49. LOOSE, DARK GREY CLAYEY SAND.
50. MEDIUM DENSE, GREEN-GREY CLAYEY SAND.
51. SILTY, BROWN GREY.
52. CLAYEY, BLUE-GREY.
53. STIFF TO VERY STIFF, DARK BLUE SILTY CLAY (OLD MUD)
54. MEDIUM TO STIFF, BROWN-GREY SILTY CLAY.
55. MEDIUM DENSE, BLUE-GREEN CLAYEY SAND.
56. STIFF TO VERY STIFF, GREEN-GREY SILTY CLAY.
57. MEDIUM DENSE, BROWN CLAYEY SAND.
58. MEDIUM DENSE, GREY-BROWN SAND AND FINE GRAVEL.
59. VERY STIFF, GREY-BROWN SILTY CLAY.
60. STIFF TO MEDIUM, GREY-BROWN SANDY SILTY CLAY WITH MEDIUM DENSE, SANDY SILT LENSES.
61. STIFF TO VERY STIFF, BLUE GREY SILTY CLAY.
62. STIFF, GREY AND BROWN-GREY SILTY CLAY WITH LAYERS OF SANDY AND GRAVELLY CLAY WITH WHITE NODULES.
63. MEDIUM DENSE, GREY-BROWN CLAYEY SAND WITH SAND.
64. STIFF TO VERY STIFF, GREY SILTY CLAY.
65. MEDIUM DENSE, DAMP, GREY-BROWN SAND.
66. SATURATED
67. MEDIUM TO STIFF, DARK GREY TO BLACK SILTY SANDY CLAY.
68. STIFF TO VERY STIFF, DARK GREY TO BLACK SILTY CLAY.
69. MEDIUM TO STIFF GREY.
70. MEDIUM TO STIFF, BROWN SILTY CLAY.
71. VERY STIFF, BROWN SANDY CLAY.
72. STIFF TO VERY STIFF, BROWN SILTY CLAY.
73. STIFF TO VERY STIFF, GREY-BROWN FINE SANDY SILTY CLAY.
74. STIFF TO VERY STIFF, GREY-BROWN SILTY CLAY.
75. MEDIUM TO STIFF, SANDY SILT
76. WITH VERY STIFF LAYERS
77. STIFF, BROWN SANDY CLAY WITH CLAYEY SAND AND CLAYEY SILT LENSES.
78. MEDIUM TO STIFF, GREY-BROWN TO DARK GREY SILTY CLAY.
79. STIFF, GREY FINE SILTY SANDY CLAY.
80. MEDIUM TO STIFF, SILTY.
81. STIFF, DARK BLUE-GREY CLAY.
82. MEDIUM DENSE, DAMP, GREY-BROWN SILTY SAND.
83. MEDIUM DENSE, SATURATED.
84. SOFT, DARK GREY TO BLACK SILTY CLAY (BAY MUD).
85. LOOSE, BLACK CLAYEY SAND.
86. STIFF, BLACK CLAYEY SAND TO SANDY CLAY.
87. GREY CLAYEY SAND
88. MEDIUM DENSE, BROWN SILTY CLAYEY SAND.
89. GREY BROWN
90. STIFF DARK BLUE-GREY SILTY CLAY TO FAT CLAY.
91. STIFF TO VERY STIFF, MOTTLED GREY TO BROWN-GREY FINE SANDY SILTY CLAY.
92. MEDIUM DENSE, GREY-BROWN FINE GRAVEL.
93. VERY STIFF, GREY-BROWN SANDY SILTY CLAY WITH TRACES OF GRAVEL.
94. STIFF TO VERY STIFF, GREY-BROWN FINE SANDY CLAY.
95. VERY STIFF DARK GREY SILTY CLAY.
96. VERY STIFF TO HARD, PLASTIC
97. VERY STIFF TO HARD, GREY-BROWN SILTY CLAY WITH TRACES OF GRAVEL.
98. VERY STIFF, DARK GREY SILTY CLAY WITH WHITE NODULES.
99. STIFF TO VERY STIFF, BLUE CLAY AND SHELLS.
100. LOOSE, LIGHT BLUE SHELLS AND CLAY.
101. STIFF, DARK BLUE-GREY SILTY CLAY WITH THIN SAND LENSES.
102. VERY STIFF, DARK GREY SANDY CLAY.
103. DAMP
104. SOFT, GREY-BLUE SILTY CLAY (BAY MUD).
105. LOOSE BLACK ORGANIC SAND.
106. VERY STIFF, GREY SANDY CLAY.
107. MEDIUM DENSE, BROWN SILTY SAND.
108. STIFF, BROWN SANDY CLAY.
109. MEDIUM DENSE, GREY SILTY SAND.
110. MEDIUM STIFF, GREY SANDY CLAY.
111. SOFT, BLACK SILTY CLAY WITH SAND LENSES.
112. STIFF, ~~BROWN~~-GREY VERY SILTY CLAY, IN PLACES SANDY.
113. MEDIUM DENSE, DARK GREY TO BLACK CLAYEY SAND.
114. LOOSE TO MEDIUM DENSE, GREY-BROWN TO BROWN WITH SILTY SAND LENSES.
116. STIFF TO VERY STIFF. MOTTLED BROWN-GREY TO DARK GREY SILTY CLAY.
117. MEDIUM GREY-BROWN SANDY SILTY CLAY TO CLAYEY SILT.
118. MEDIUM DENSE GREY-BROWN FINE CLAYEY GRAVEL TO A SILTY GRAVEL.
119. MEDIUM, GREY SANDY CLAY TO A CLAYEY SAND.
120. HARD, GREY SILTY CLAY.
121. CLAYEY SAND.
122. VERY STIFF, LIGHT GREY SILTY CLAY WITH TRACES OF LIME NODULES.
123. MEDIUM DENSE TO DENSE, DRY, BROWN SILTY SAND.
124. WET, YELLOW BROWN
125. MEDIUM DENSE BLUE SILTY SAND.
126. STIFF TO VERY STIFF, GREY-BROWN SILTY SANDY CLAY
127. LOOSE, BLACK SILTY SAND.
128. STIFF TO VERY STIFF, OLIVE, SANDY CLAY.
129. MEDIUM DENSE, GREY BROWN, VERY CLAYEY SILT.
130. LOOSE YELLOW-BROWN CLAYEY SILT.
131. LOOSE TO MEDIUM DENSE, BLACK SILTY CLAYEY SAND.

LEGEND

Symbol		Meaning
✦	INDICATES	BORING
<6"	"	APPROX. THICKNESS OF SURFACE MUD
(cross-hatched area)	"	APPROX. LOCATION OF DEEP SURFACE MUD
(hatched area)	"	APPROX. LOCATION OF SHALLOW MUD
(1)	"	TYPE OF SOIL
17	"	NO. HAMMER BLOWS/FT.
WC	"	WATER CONTENT
DD	"	DRY DENSITY IN PCF.
UN	"	UNCONFINED COMPRESSIVE STRENGTH IN PSF.
▼	"	WATER LEVEL
D.H.H.	"	DOWN HOLE HAMMER
H.P.	"	HYDRAULIC PUSH

WORK THIS DRAWING WITH BP-2

1"=200'-0"

GRAPHIC SCALE: 200 100 0 200 400 600 800

WORLD AIRWAYS, WORLD AIR CENTER
APPROVED: [signature] GRADY LAWRENCE, DIRECTOR PLANNING & ESTIMATING

REVISIONS		
NO.	DATE	DESCRIPTION

ISSUES		
DATE	ISSUED TO	NO.

STROBEL & RONGVED
CONSULTING ENGINEERS
70 WEST 40th STREET
NEW YORK, N.Y. 10018

ECONOMIC DEVELOPMENT ADMINISTRATION
PROJECT NUMBER 07-1-00050-1

PORT OF OAKLAND
METROPOLITAN OAKLAND INTERNATIONAL AIRPORT
OAKLAND, CALIFORNIA

AIRCRAFT MAINTENANCE FACILITY - BLDG. M-110

BORING PLAN I

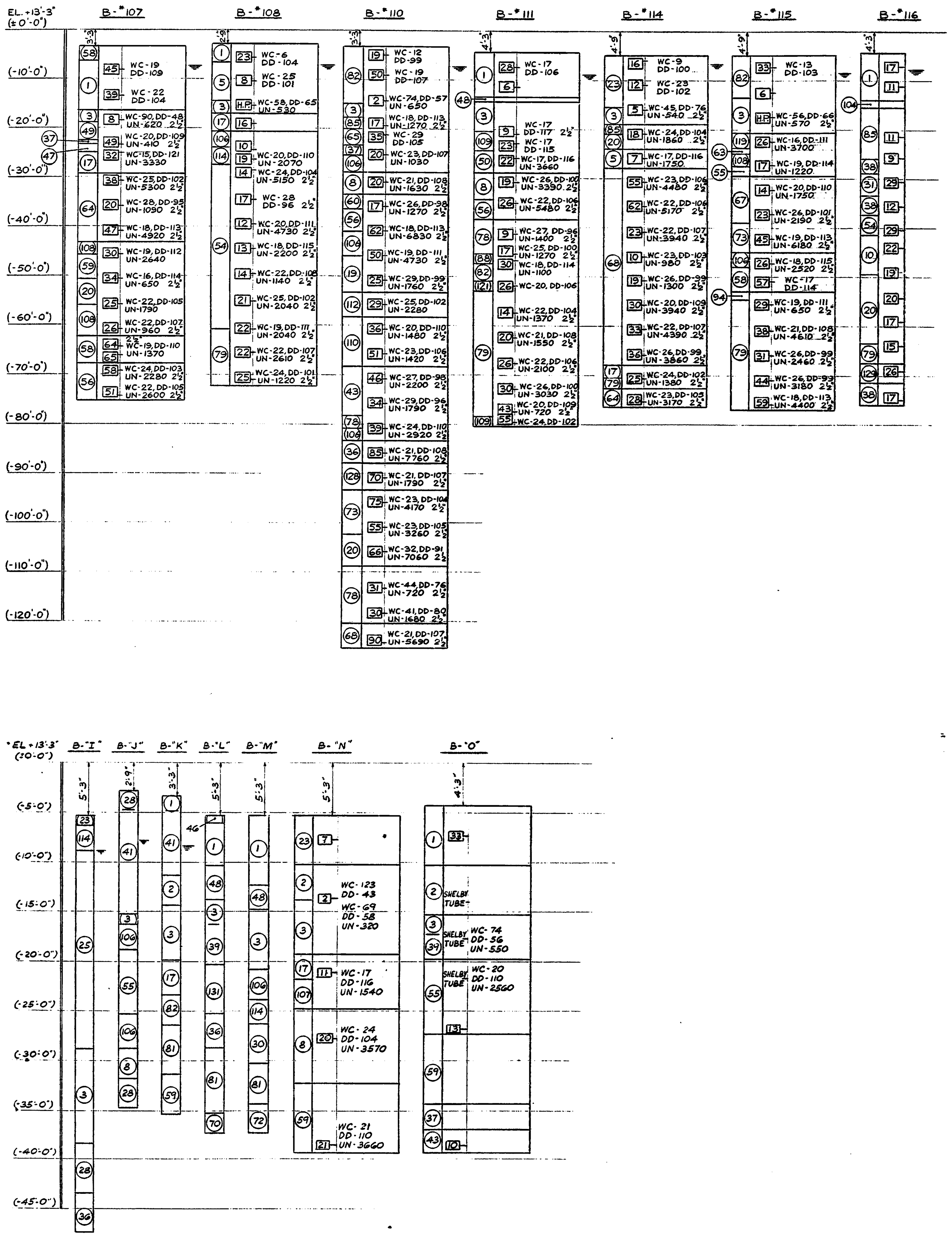
STROBEL & RONGVED PROJECT NO. 917

DESIGNER	APPROVED BY
DRAFTSMAN J.A.	PRODUCTION
PROJ. CAPTAIN	PROJ. ARCH.
CHECKER	ENGINEER

FOR THE PORT OF OAKLAND:
CHECKED U. E. Cox
RECOMMENDED [signature]
APPROVED C.C. Boswell

CHIEF ENGINEER

DATE 12-1-70
SCALE: AS NOTED
PORT FILE AA-1285
DRAWING NO. BP-1



NOTES:

1. FOR FURTHER INFORMATION SEE SOIL TEST REPORTS FILED WITH PORT OF OAKLAND.
2. INSIDE DIAMETER OF SAMPLER IS 2" UNLESS OTHERWISE NOTED.
3. WORK THIS DRAWING WITH DWG. BP-1.
4. THE INFORMATION AND DATA FURNISHED ON DWG BP-1 & BP-2 IS NOT INTENDED TO BE A GUARANTEE, EITHER EXPRESSED OR IMPLIED, BUT IS FURNISHED FOR INFORMATION ONLY.

REVISIONS		
NO.	DATE	DESCRIPTION

WORLD AIRWAYS, WORLD AIR CENTER
APPROVED:

STROBEL & RONGVED
CONSULTING ENGINEERS
70 WEST 40th STREET
NEW YORK, N.Y. 10018

STROBEL & RONGVED PROJECT NO. 917
DESIGNER | APPROVED BY
DRAFTSMAN J.S.A. | PRODUCTION
PROJ. CAPTAIN | PROJ. ARCH.
CHECKER | ENGINEER

FOR THE PORT OF OAKLAND:
CHECKED
RECOMMENDED
APPROVED

DATE	ISSUED TO	NO.

ISSUES

ECONOMIC DEVELOPMENT ADMINISTRATION
PROJECT NUMBER 07-1-00080-1

PORT OF OAKLAND
METROPOLITAN OAKLAND INTERNATIONAL AIRPORT
OAKLAND, CALIFORNIA

AIRCRAFT MAINTENANCE FACILITY - BLDG. M-110

BORING PLAN II

CHIEF ENGINEER
DATE 12-1-70
SCALE NONE
PORT FILE AA-1285
DRAWING NO. BP-2