PORT OF OAKLAND

November 5, 2012

Keith Nowell PG, CHG
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6540

Re: Submittal of Report: Response to Request for Additional Information and Request for No Further Action for the Oakland Maintenance Center (OMC) and the Former USTs MF 25/26
Toxic Leaks Case RO0000414 (MOIA United Airlines) at the Oakland International Airport, Oakland, California

Dear Mr. Nowell:

This letter is provided to you to meet the Alameda County Department of Environmental Health (County) requirement as the responsible party for the aforementioned Oakland Maintenance Center (OMC) site, which includes the former underground storage tanks MF 25/26.

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

cc: Lois Autié, URS
Yane Nordhav, BASELINE

November 5, 2012

Keith Nowell PG, CHG
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Alameda County Environmental Health
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Re: Response to Request for Additional Information and Request for No Further Action for the Oakland Maintenance Center (OMC) and the Former USTs MF 25/26 Toxic Leaks Case RO0000414 (MOIA United Airlines) at the Oakland International Airport, Oakland, California

Dear Mr. Nowell:

On behalf of the Port of Oakland, URS is pleased to submit the attached report regarding the OMC located at 1100 Airport Drive at the Oakland International Airport. This submittal is a response to information requests by Alameda County Department of Environmental Health (County) in several letters sent to the Port in 2006. The following requests were made:

1) Determine whether the former USTs MF25/26 are part of the OMC site;
2) Sample and analyze groundwater from area of concern (AOC) 7 wells for VOCs only;
3) Provide pre- and post- remediation soil and groundwater results from the entire site and compare residual contamination concentrations to applicable ESLs for complete exposure pathways;
4) Sample and analyze groundwater from the AOC 19 wells for TEPH, TPPH, and VOCs; and
5) Because residual contamination will remain on site, develop a deed restriction, worker health and safety plan, and a groundwater management plan.

URS has addressed items 1, 2 and 3 in the attached report. Parcel information is included which addresses item 1 confirming that the former USTs MF 25/F26 are located on the same County Assesor's Parcel as 1100 Airport Drive. Item 2 was addressed in a site investigation conducted by SCA in 2006 providing VOC sampling at AOC 7. URS' evaluation of site data and comparison to the most recent environmental screening levels (ESLs) complements the previous assessment work conducted by ERM in 2004 and SCA in 2006.

Additional data could not be collected for item 4 because AOC 19 does not have groundwater monitoring wells. Item 5 will be addressed by providing the County with a Risk Management Plan in conjunction with a deed restriction under separate cover. Once the updated evaluation of

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893-3600
Fax: 510.874.3268
www.urscorp.com

site data is approved by the County, the deed restriction and Risk Management Plan can be prepared for County review.

A second purpose for this letter is to request that consideration be made for No Further Action (NFA) at the former USTs MF 25/26 under the low-risk closure policy (SWRCB 2012). This request is based on site investigation and risk-based evaluation conducted by previous consultants and in this submittal.

Investigation at the OMC has been extensive. Groundwater monitoring, in some locations, dates back to the early 1990s. Weiss Associates conducted a site-wide investigation in 2003, and a total of 19 Areas of Concern (AOCs) were identified by the ERM/Weiss Site Investigation and Risk Assessment. In 2006 SCA Environmental conducted groundwater sampling for all of the AOCs, except at AOC 19. There did not appear to be contaminants found in AOC 19 except for one composite soil sample, which had 2,100 mg/kg motor oil in a composite soil sample, and low concentrations of some metals. There does not appear to be evidence of extensive concentrations of contaminants at AOC 19 that would warrant additional groundwater investigation.

Further investigation was conducted at the former USTs MF 25/26 by Kennedy/Jenks Consultants in 2012 to determine the extent of the plume and its stability.

The current regulatory status of the other USTs on the OMC are as follows:

- MF 23/24 – The site was issued an NFA letter from the County dated October 24, 1996; (Per the County letter of October 1996, a Remedial Action Certificate will be issued pending a complete investigation at MF25/26.)
- MF 37/38 – Closed in place, NFA from County dated April 8, 1999.
- MF 35/36 – NFI letter from County dated April 23, 2001; NFA pending MF25/MF26 investigation.

Residual groundwater contamination at the former USTs MF 25/26 is limited in area and has remained stable over two decades. Based on the evaluation of the site data, at the groundwater plume at MF 25/26 can be managed by institutional and engineering controls (deed restriction and Risk Management Plan).

URS requests, on behalf of the Port of Oakland, that the County review the attached report and consider closure of the 1100 Airport Drive Site.

Please feel free to contact me if you have any questions or require further information. Lois Autié at (510) 874-1765 or Doug Herman at the Port of Oakland at (510) 627-1384.

Sincerely,

URS CORPORATION

Lois Autié, P.E.
URS Corporation
Senior Project Manager

Attachment (1)

cc: Doug Herman, Port of Oakland
Yane Nordhav, BASELINE
Katie Schwach, URS
Usha Vedagiri, URS

FINAL REPORT

CLOSURE DOCUMENTATION FOR THE FORMER OAKLAND MAINTENANCE CENTER (OMC) OAKLAND INTERNATIONAL AIRPORT, 1100 AIRPORT DRIVE OAKLAND, CALIFORNIA

Prepared for

Port of Oakland
530 Water Street
Oakland, California 94607

October 31, 2012

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612

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List of Acronyms

AOCs	Areas of Concern
APN	Assessor's Parcel Number
BTEX	benzene, toluene, ethylbenzene and xylenes
bgs	below ground surface
COCs	chemicals of concern
COI	chemical of interest
CSM	conceptual site model
CY	cubic yards
DAF	dilution-attenuation factor
DT	Delineation Transects
ESLs	Environmental Screening Level
ft	feet
GC	gas chromatogram
HQ	hazard quotient
LNAPL	light non-aqueous phase liquids
MCL	maximum contaminant level
mg/kg	milligrams per kilogram
MRLs	method reporting limits
MTBE	methyl tert-butyl ether
MW	monitoring well
NFA	no further action
NFI	no further investigation
ORC	oxygen-releasing compound
OMC	Oakland Maintenance Center
PAHs	polyaromatic hydrocarbons
PRGs	USEPA Preliminary Remedial Goals
QA/QC	quality assurance/quality control
RWQCB	California Regional Water Quality Control Board San Francisco Bay Region
RSL	USEPA Regional Screening Levels

RMP	risk management plan
Site	Oakland Maintenance Center
SWRCB	State Water Resources Control Board
SVOCs	semi-volatile organic compounds
TEPH	total extractable petroleum hydrocarbons
TPH	total petroleum hydrocarbons
TPH-d	total petroleum hydrocarbons quantified as diesel
TPH-g	total petroleum hydrocarbons quantified as gasoline
TPH-jf	total petroleum hydrocarbons quantified as jet fuel as motor oil range
TPH-ho	total petroleum hydrocarbons quantified as hydraulic oil range
TPH-mo	total petroleum hydrocarbons quantified as motor oil range
TPPH	total purgeable petroleum hydrocarbons
µg/L	micrograms per liter
UAL	United Air Lines
UCL	Upper Confidence Limit
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOCs	volatile organic compounds

1.1 PROJECT SUMMARY

The Oakland Maintenance Center (the "Site") is located on the approximately 38-acre parcel (Appendix A, Section 2.1) within Oakland International Airport, where United Air Lines (UAL) used to perform maintenance on wide-body aircraft. The Site property remained submerged until the late 1950s or early 1960s when filling began as part of construction of the South Field of the airport, which opened in 1962. The filled area occupied by the Site remained undeveloped until 1973, when the hangar building and surrounding paved taxiways and aircraft parking areas were constructed for World Airways, the property tenant from its initial construction in 1973 until 1988. UAL leased the Site from 1988 through 31 May 2003.

The Site is defined as 1100 Airport Drive, which includes the UAL leasehold area. The leasehold area includes two underground storage tanks (USTs) (MF 25/26), which is an active investigation, and six additional removed/closed USTs (MF 23/24, MF 37/38 and MF 35/36).

The current regulatory status of the six removed/closed USTs on the UAL lease are as follows:

- MF 23/24 – No further action (NFA) letter from County dated October 24, 1996. These tanks were removed in June 1991 (Alisto 1995).
- MF 37/38 – Closed in place, NFA from Alameda County Environmental Health Department ("County") dated April 8, 1999.
- MF 35/36 – No Further Investigation (NFI) letter from County dated April 23, 2001. These tanks were removed in January 1999 (ENSR 2001).

In May of 2003 Weiss Associates, on behalf of the Port of Oakland (Port) documented a field investigation at the potential contaminant sources at the end of the UAL lease (Weiss 2003). A total of 19 Areas of Concern (AOCs) are identified. ERM prepared a Site Investigation and Risk Assessment of the AOCs as documented in a 2004 report on behalf of UAL (ERM 2004).

In November of 2005 the County required the entire site be considered a SLIC site and placed it under County oversight (Appendix B). Finally, in a series of letters sent to the Port in 2006 (Appendix B), the County made a series of requests to the Port in order for the County to close the site; specifically, those requests were:

- Sample and analyze groundwater from the AOC 19 wells for total extractable petroleum hydrocarbons (TEPH), total purgeable petroleum hydrocarbons (TPPH), and volatile organic compounds (VOCs)
- Sample and analyze groundwater from AOC 7 wells for VOCs only
- Determine whether MF 25/26 are part of the site or not
- Provide pre- and post- remediation soil and groundwater results from the entire site and compare residual contamination concentrations to applicable ESLs for all exposure pathways
- Because residual contamination will remain on site, develop a deed restriction worker health and safety plan and a groundwater management plan

In 2006 SCA Environmental, on behalf of the Port, conducted groundwater sampling for all of the AOCs and reported the results. An additional investigation was conducted at the former UST location MF 25/26 in 2011 by Kennedy/Jenks Consultants on behalf of the Port.

1.2 GOALS AND OBJECTIVES

The overall goal of this report is to respond to the County requests in letters from 2006 (Alameda County Department of Environmental Health [ACDEH] 2006) and to provide supporting documentation for low risk closure and request for no further action at the Site, including MF 25/26. To meet this goal, the objectives of this report are as follows:

- Provide County-requested documentation regarding the MF 25/26 site location and additional available data including pre- and post-remediation chemical concentrations for the Site (including the MF 25/26 area) as presented in County letters from 2006) (Appendix B.)
- Summarize the status of the AOCs and prepare an updated comparison of Site data to 2008 Environmental Screening Levels (ESLs) at each AOC (RWQCB 2008).

The request for no further action is supported by a number of previous consultants reports summarized in Section 1.4, as well as URS's review of data collected by other consultants during site-wide investigations conducted in 2003 and 2006, and at MF 25/26 in 2011. As discussed in Sections 4.3 and 4.4, site-specific conditions indicate that MF 25/26 can be closed under the Regional Water Quality Control Board's (RWQCB's) low-threat to groundwater closure policy including the use of administrative controls (i.e., a deed restriction and risk management plan) for the site. With the final closure of MF 25/26, the remaining portions of the Site including the already closed USTs and associated former UAL leasehold areas may be deemed to have no need for further remedial action.

1.3 REPORT ORGANIZATION

The following sections are included in this report:

- Section 1 – Project Description – This section includes a summary of the project status, the goals and objectives, report organization and relevant documents.
- Section 2 – Requested Documentation and Data – This section includes the parcel information and the data sets used to provide minimum and maximum concentrations of chemicals of concern (COCs) for the Site and MF 25/26. This section also provides the data quality assurance / quality control summary.
- Section 3 – AOC – Investigation Status– This section provides an overview of the AOCs, a summary of previous consultants' investigation reports and risk-based assessment.
- Section 4 – Updated Comparison of Criteria – This section presents the basis for risk-based assessment using the previous consultant's reports and updates the comparisons of the data sets to the applicable environmental screening levels (ESLs).
- Section 5 – Limitations – This section provides an understanding of the limitations of the uses of the data sets to meet the specific objectives of this report.

1.4 RELEVANT DOCUMENTS

Over a period of two decades, the Port of Oakland has engaged various consultants to evaluate the Site. URS' report relies on the hydrogeologic and chemical data prepared by the previous consultants to document the pre- and post-remediation conditions.

The primary documents used to compile information include the following other consultants' reports.

Pre-2003 Data Set

- Site Closure Report, UST Sites MF 25/26, Economy Parking Lot, Oakland International Airport, prepared by the Port of Oakland, dated May 4, 2001. (Port of Oakland 2001)
- Quarterly Groundwater Monitoring Report, October 1, through December 31, 2000, United Airlines Hanger Area, Oakland International Airport, prepared by HardingESE, March 2001. (HardingESE 2001)

Post-2002 Data Set

- United Maintenance Hanger Area, Metropolitan Oakland International Airport, prepared by Weiss and Associates, dated May 27, 2003. (Weiss 2003)
- Former United Airlines Maintenance Center, Site Investigation and Risk Assessment, Oakland International Airport, prepared by ERM for United Airlines, dated June 2004. (ERM 2004)
- Groundwater Sampling and Analysis Report, Former United Airlines Hanger and Economy Parking Area, Oakland International Airport, prepared by SCA for the Port of Oakland, August 2006. (SCA 2006)
- Letter Report for Additional Investigation of Former Tanks MF-25 and MF-26, Oakland Maintenance Center, Oakland International Airport, prepared by Kennedy/Jenks Consultants, January 10, 2012. (Kennedy/Jenks 2012)

1.5 DATA USES

Data validation and quality assurance/quality control was performed on the data collected in 2003, 2006, 2011. There are some limitations to the use of the data as to its applicability when comparisons to risk-based criteria are made, given the age and quality of the data. (See Section 2.2.1.) Other uncertainties related to the evaluation of site data to the most recent ESLs are discussed in Section 4.2.3.4.

This section provides documentation and data requested by the County in their 2006 letter to the Port of Oakland. Specifically, this section provides the parcel information for former UST MF 25/26, and data set for the Site and the pre- and post-remediation chemical concentrations for the MF 25/26.

2.1 SITE DEFINITION

The Site address is 1100 Airport Drive. This address includes the Site and the former USTs MF/25/26 location. There is no separate Assessor's Parcel Number (APN) for Site. Thus, the Site and MF 25/26 are both part of the parcel for the airport. The parcel map for the UAL leasehold provided in Appendix A.

2.2 ADDITIONAL DATA REQUESTED

As described in Section 1.4 above, the data sets for this report include the pre-2003 data set (Appendix C) and the post-2002 data set (Appendix D). Data tables are also included for each set of data. Tables 2-1 through 2-11 provide the post-2002 data set by chemical group and by AOC. Tables 2-12 and 2-13 provide the pre- and post-remediation, respectively, chemical concentrations for M25/MF26.

2.2.1 Additional Data at AOC 7 and AOC 19

SCA's investigation report provides VOC analytical results for groundwater sampling at AOC 7 at sample locations ERM-MW-17 and ERM-MW-7 (SCA 2006), provided in Appendix D1. These results are incorporated into the updated comparison to ESLs provided in Section 3.2.

There are no groundwater sampling results for AOC 19, with the exception of samples collected by ERM in 2003 (ERM 2004). The ERM report figures (Appendix D2) show only borings to be present which suggests the samples were grab groundwater samples from an open borehole although this is not expressly stated in the report. SCA did not sample AOC 19 in 2006. Figures 23 for TPH and Figures 26 through 29 for metals in Appendix C2 illustrates the concentrations found in AOC 19 borings. The concentrations of TPHs and VOCs were nondetect except for one location which had 2,100 mg/kg motor oil in a composite soil sample, and low concentrations of some metals. There does not appear to be evidence of extensive concentrations of contaminants at this AOC.

2.3 ADDITIONAL DATA COMPARISONS – PRE- AND POST-REMEDIATION

Two data sets were prepared based on existing data. The delineation of pre- and post-remediation was defined for the Site and separately for the former USTs MF 25/26.

For the Site as a whole, active remediation included the removal/closure of six pairs of USTs from three locations. Groundwater monitoring continued from approximately 1992 in some locations to 2001 at most groundwater monitoring well locations. Additional groundwater monitoring was conducted in a site investigation in 2003 (Weiss 2003) with additional groundwater monitoring conducted in 2006 (SCA 2006).

At the former USTs MF 25/26, active remediation included UST removal as well as two rounds of in-situ remediation using oxygen-reducing compounds (ORC) in 1998 and again in 2000

(HardingESE 2001). In addition to the above groundwater monitoring, groundwater monitoring was also conducted in 2011 (Kennedy/Jenks 2012) at MF 25/26.

2.3.1 Post-2002 Data Set – Site

Tables 2-1a through 2-6b summarize the detected analytes and results in the 2003, 2006, 2011 investigations at the Site. These data are considered the post-2002 data set and are used for the comparison to 2008 ESLs. (See Section 4.) Figures showing the boring and well locations for the post-2002 data set are provided in Appendix D. Table 2-7 provides the minimum and maximum detections by AOC based on the post-2002 data set.

2.3.2 Pre-Remediation Chemical Concentrations – MF 25/26

Table 2-12 provides the minimum and maximum concentrations for the pre-remediation data sets for the former USTs MF 25/26. The pre-remediation data was harvested from previous consultants' reports for MF 25/26.

Phase I and II investigations were performed in 1988 on the former USTs (installed in 1978 and removed in 1992). The results of the Phase II investigation indicated that the tanks had leaked total petroleum hydrocarbons (TPH), oil and grease, and VOCs. At the time of their removal, approximately 940 cubic yards of material was removed from the excavation in addition to the two tanks and associated piping. Soil and groundwater samples were collected in the excavation. Subsequently, groundwater monitoring wells were installed: MW-1 (1992), MW-2 and MW-3 (1995), and MW-4 through MW-8 (1998). In December 1998, the first round of ORC injection was conducted in the existing wells. A second round was conducted in June 2000.

This data set constitutes the pre-remediation data set for the former USTs MF 25/26, and is provided in Appendix D2.

2.3.3 Post-Remediation Chemical Concentrations – MF 25/26

Tables 2-8 through 2-11 provide a summary of the detected analytes and results for the vicinity of the former USTs MF 25/26 for the post-remediation data set (post-2002). Table 2-13 provides the minimum and maximum concentrations for the post-remediation concentrations for the former USTs MF 25/26. The post-remediation data was collected during the 2006 SCA investigation and then again in the 2011 Kennedy/Jenks investigation, and is shown in the Figures provided in Appendix C2 and C3.

2.3.4 Quality Assurance / Quality Control Review

Appendix E provides a review of the data associated with the 2003, 2006, and 2011 sampling for the Site. This data set was evaluated for quality assurance and quality control (QA/QC) in accordance with USEPA guidelines. Data were reviewed for the QA/QC elements of precision, accuracy and contamination. QC discrepancies were found in each if the major areas evaluated: sample handling, holding times, laboratory control samples, matrix spikes and sample surrogate spikes. Results were qualified as estimated based on these discrepancies. Only a small portion of the data was rejected because of serious deficiencies in meeting quality control criteria. Although all available laboratory reports were reviewed, additional data was found in the Site project database. The data without laboratory data reports were qualified as having unknown quality because of the lack of QA/QC documentation.

URS could not review data for the pre-2003 data set due to lack of documentation and time constraints. For expediency, this report relies on the data tables presented by the previous consultants as provided in Appendix E.

In 2003 and 2006, site investigations were conducted at the Site by Weiss and ERM. In the ERM Site Investigation and Risk Assessment (ERM 2004), the AOCs were identified and categorized based on historical operations. Table 3-1 provides a summary of the AOCs and the results of the ERM Site Investigation and Risk Assessment conducted in 2004 and risk-based comparisons provided in 2006 (SCA 2006).

3.1 SITE INVESTIGATION SUMMARY – 2003, 2006, 2011

In November 2003, ERM sampled the existing wells at the Site to confirm the concentrations detected in wells during the April and May 2003 sampling events. Based on the sampling results, Weiss installed seven additional wells (ERM-MW-11 through -17) in AOCs 1, 2, and 7 to provide further characterization of identified COCs in groundwater (AOCs 1 and 2) and confirm previous sampling results (AOC 7). Weiss completed their work in December 2003.

A total of 147 soil samples were collected and analyzed during the investigations, including 47 samples by ERM and 100 samples by Weiss. Fifty-one (51) grab groundwater samples and 48 monitoring well samples were collected and analyzed during the investigations, including 40 grab ground water and 43 monitoring well samples by ERM and 11 grab ground water and five monitoring well samples by Weiss. In addition, split grab ground water samples were collected by ERM from six of the Weiss borings. The figures and tables from the ERM 2004 Site Investigation report are provided in Appendix C1.

Two additional investigations were conducted after ERM's risk assessment process, including SCA's 2006 investigation at the Site and Kennedy/Jenks 2011 investigation at MF 25/26.

In June 2006, SCA sampled the existing wells at the Site to confirm the concentrations detected in wells during the April, May, and December 2003 sampling events. Thirty (30) monitoring wells were sampled and the resulting groundwater samples were analyzed during the investigation. The eight wells at the Economy Parking Area were resampled on August 3, 2006 for Total Purgeable Petroleum Hydrocarbons and Total extractable Petroleum Hydrocarbons.

The purpose of the 2006 SCA investigation was to determine the concentrations of contaminants from the groundwater monitoring wells at the former hangar and the nearby USTs MF 25/26 and compare these concentrations to appropriate RWQCB ESLs.

In August 2011, Kennedy/Jenks conducted a limited field investigation at MF 25/26 which included groundwater samples at the eight existing monitoring wells (MW-1 through MW-8) and soil borings using direct push Geoprobe™ technology at 13 locations in the vicinity of the former USTs MF 25/26. Groundwater and soil samples were analyzed for TPH and VOCs.

3.2 AOC SUMMARY

3.2.1 Onsite AOCs

As shown in Table 3-1 and the Figures in Appendix C1, a total of 17 onsite AOCs were identified by ERM (ERM 2004) as requiring additional investigation:

- AOC 1 – Small Parts Wash Rack
- AOC 2 – Aircraft Wash Rack
- AOC 3 – Industrial Wastewater Vault

- AOC 4 – Aboveground Fuel Storage Tank.
- AOC 5 – Vehicle Maintenance Center
- AOC 6 – Boiler and Aboveground Diesel Storage Tank
- AOC 7 – Former 90-Day Hazardous Waste Accumulation Area
- AOC 8 – Current 90-Day Hazardous Waste Accumulation Area
- AOC 9 – Hazardous Material Storage Area
- AOC 10 – Chemical Storage Area
- AOC 11 – Aircraft Fueling/Defueling Equipment Area
- AOC 12 – Fire System Motors and Associated Fuel Tanks
- AOC 13 – Paint Spray Booth
- AOC 14 – Storm Drains
- AOC 15 – Aircraft Parking and Run Up Area
- AOC 16 – Fuel Spill Area of Taxiway
- AOC 17 – Former Vehicle Fueling USTs

3.2.2 Offsite AOCs

Two additional offsite AOCs were identified by ERM as requiring additional investigation as shown on the Figures in Appendix C1, and summarized in Table 3-1.

- AOC 18 – Migration of Off-Site Solvent Plume onto OMC Property:
- AOC 19 – Runoff from Pavement to Unpaved Area North of OMC:

AOC 18 is located within the UAL leasehold but west of the main OMC property, and is an active investigation at the former UST site (MF 25/26). There was a concern for potential offsite groundwater migration from the former USTs onto the Site. AOC 19 consists of an unpaved grassy area where storm water from the Site drains.

3.3 AOC STATUS

The ERM Risk Assessment concluded that no risk remained at the 19 AOCs identified by their site investigation. Additional sampling and analysis conducted by SCA 2006 concluded also that no remaining COCs posed an unacceptable risk at the Site. The approach to risk assessment and use of risk-based screening criteria in these previous assessments is discussed further in Section 4.

Additional sampling and analysis of the former USTs MF 25/26 by Kennedy/Jenks in 2011 indicated that groundwater concentrations remained similar to pre-remediation levels (See Section 2.3.2 and 2.3.3 and Tables 2-8 through 2-13).

The following section (Section 4) provides an update of the comparison to screening criteria and an evaluation of current AOC status.

This section describes the method, approach and results of this updated comparison of site data to updated screening criteria.

URS compiled and reviewed the laboratory analytical results for the Site collected in 2003, 2006, and 2011 for the purpose of comparing these data to the most recent, applicable screening criteria for the Site. URS reviewed the ERM risk assessment approach and results, included the 2006 SCA and 2011 Kennedy Jenks investigation data, and updated the comparison of screening criteria based on the receptors and exposure pathways defined in the ERM Risk Assessment and the SCA risk-based evaluation.

URS prepared an update that utilized the conceptual site model (CSM) and tiered evaluation approach in a similar manner as the ERM Risk Assessment (Appendix C2, Figure 25), with one exception. ERM's approach assumed that the construction worker-groundwater pathway was incomplete. SCA assumed this pathway to be complete and more significant. URS evaluated both soil and groundwater pathways for the construction worker receptor as complete. (See Section 4.2.) The summary of this comparison is provided in Table 4-1.

4.1 ERM USE OF RISK-BASED SCREENING CRITERIA

The ERM Risk Assessment (ERM 2004) used the following risk-based criteria.

- RWQCB ESLs. The ESLs used were published in the RWQCB' s July 2003 Screening for Environmental Concerns at Sites with Contaminated Soil and Ground Water (ESL report), and provide screening criteria for TPH in soil and ground water in both industrial and residential settings, as TPH was not addressed by PRGs or MCLs.
- USEPA Preliminary Remedial Goals (PRGs). California-specific PRGs were published by Region 9 of the USEPA and are typically updated annually. The PRGs presented herein were published in the USEPA 1 October 2002 Region 9 PRGs Table 2002 Update and pertained to VOCs, semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and metals in soil in both residential and industrial settings.
- California Maximum Contaminant Levels (MCLs). MCLs are drinking water standards adopted by the California Department of Health Services pursuant to the Federal Safe Drinking Water Act, and were used in accordance with the RWQCB's Water Quality Control Plan (Basin Plan; RWQCB, 1995). The MCLs presented herein were published in Title 22 of the California Code of Regulations dated 11 April 2003, and pertain to VOCs, SVOCs, PCBs, and metals in ground water.

4.2 ERM RISK ASSESSMENT PROCESS

The ERM Risk Assessment was conducted based on their CSM which identified potential exposure routes and populations for media containing COCs at the Site, but did not include the former USTs MF 25/26. The ERM CSM identified three potential receptor populations to be retained for the risk assessment: Indoor and Outdoor Airport Workers (referred to as "Airport Worker" in Section 4.2), Construction Workers, and Ecological Receptors.

The ERM Risk Assessment consisted of a three-step process. The first step (Tier-1) consisted of comparison of detected soil and/or ground water chemical concentrations to the applicable RWQCB ESLs. If an ESL was not established for a compound, then PRGs or MCLs were used depending on the media. For chemicals that exceeded their Tier-1 standard, a Tier-2 risk

assessment was conducted, which consisted of the application of site-specific information to either select a more appropriate ESL for the particular receptor population and exposure pathway or to derive standards specific to the Site. For chemicals that exceeded the Tier-2 standards for a particular receptor population and exposure pathway, a Tier-3 risk assessment was conducted. The Tier-3 risk assessment consisted of a statistical analysis of the chemical concentrations detected at the site, potential background evaluation for metals, and further evaluation of the exposure pathway in light of site-specific conditions. For metals that exceeded Tier-3 risk assessment, concentration ranges were generally consistent with background conditions.

As summarized in Table 3-1, the results of the ERM 2004 subsurface investigation and risk assessment indicate that the concentrations of chemicals and metals detected in soil and ground water at the Site, when compared to the risk-based screening levels and criteria described in Section 3.3.1, did not pose an unacceptable risk to any of the exposure populations considered, including airport workers, construction workers, and ecological receptors. The issue of direct contact with groundwater under the Construction Worker scenario was mitigated by the explanation that common construction and safety procedures call for the dewatering of excavations before workers can access the construction trench or pit.

4.3 SCA 2006 RISK-BASED SCREENING CRITERIA

SCA had updated their comparison of site COC concentrations to the RWQCB ESLs to the February 2005 tables. In addition, SCA had researched the exposure pathway associated with direct dermal contact with contaminated groundwater. SCA agreed that the procedures for working in construction trenches would greatly reduce the dermal contact to groundwater for construction workers, but reviewed risk based screening levels from other states to thoroughly research the relative exposure risks posed by dermal contact versus inhalation or ingestion. Based on their review of the literature, it appeared that the inhalation or ingestion route poses a substantially greater risk than direct dermal contact for the chemicals in question and the ingestion route is an incomplete pathway due to the low quality of the groundwater for drinking water purposes. As a result, SCA recommended the use of the groundwater screening levels for evaluation of potential vapor intrusion concerns (Table E-1a of the RWQCB ESLs from February 2005) for the Construction Worker scenario for the former Hangar and the Economy Parking Areas.

The comparison was made to residential land use and commercial/industrial land use for high permeability vadose-zone soil type as the scenario of concern so as to provide the most protective screening levels for construction workers in the Tier 1 review of the applicable screening levels at that time.

4.4 UPDATED SCREENING LEVEL EVALUATION

4.4.1 Relevant and Applicable Screening Level Values

URS has prepared an updated comparison of the site data from 2003, 2006, and 2011 compared to applicable ESLs. The following provides the relevant and applicable ESL documents used by URS in this report.

- RWQCB ESLs. The ESLs used were updated by the RWQCB in May 2008 Screening for Environmental Concerns at Sites with Contaminated Soil and Ground Water (ESL

report), and provide screening criteria for TPH in soil and ground water in both industrial and residential settings, as TPH was not addressed by PRGs or MCLs.

- USEPA Preliminary Remedial Goals (PRGs) have been replaced by the USEPA Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites (May 2012). RSLs harmonized risk-based screening levels for California-specific PRGs (Region 9) and Regions 3 and 6. RSLs are typical updated semiannually.

4.4.2 Summary of Receptor Populations and Exposure Pathways

The following subsections summarize the basis for the exposure pathway assessment.

4.4.2.1 Complete Exposure Pathways

ERM (2004) and SCA (2006) identified airport workers (indoor/outdoor), construction workers, and off-site ecological receptors as the only receptors that had complete exposure pathways. Inhalation of volatile chemicals emanating from soil and/or groundwater was the only complete pathway for both indoor and outdoor airport workers. Direct contact with soils during excavation activities was deemed as the only complete exposure pathway based on the ERM 2004 Risk Assessment for the construction worker. In the 2006 SCA risk-based screening, SCA determined that inhalation of volatiles from groundwater was believed to pose a substantially greater risk than direct dermal contact for the chemicals in questions. Both pathways are considered complete in this evaluation for the construction worker. The complete pathway for ecological receptors was determined to only be for potential offsite ecological receptors, including aquatic fauna and flora, where the COIs have the potential to migrate to San Francisco Bay and wetlands located in the vicinity of the Site.

4.4.2.2 Incomplete Exposure Pathways

Airport workers, travelers, and on-site ecological receptors were considered in the ERM Risk Assessment (2004) but it was determined that the pathway was incomplete for all media. The presence of pavement or structures throughout the Site provides a barrier that would prevent direct contact exposure to airport workers and travelers. Ingestion of groundwater by the airport worker, traveler and construction worker is not a complete pathway due to low quality of the groundwater for drinking water purposes. No onsite ecological receptors were identified due to the presence of pavement or structures and consequent lack of habitat..

4.4.3 Updated Tier-1 Evaluation

URS has maintained the structure of the original 2004 ERM risk assessment and prepared an updated Tier-1 evaluation based on the above CSM, the complete exposure pathways, and the appropriate updated screening level values. For each complete exposure pathway, URS provides a summary of the Tier-1 exceedances. (See Table 4-1.)

4.4.3.1 Airport Worker

The Tier-1 evaluation for exposure to airport workers compared volatile chemical concentrations from soil and/or groundwater to the generic ESLs for commercial/industrial workers (Table B, *Environmental Screening Levels, Shallow Soil (<3m bgs) Groundwater is not a Current or Potential Source of Drinking Water*). Soil samples were collected from 0.5 to 8 feet below ground surface (bgs). The ESLs are generic, intentionally conservative screening values that

represent acceptable concentrations of chemicals for a wide range of media, land uses, habitats, human and ecological receptor types, exposure pathways, and issues of concern. Human health-protective ESLs generally correspond to a target excess cancer risk of 1×10^{-6} or a non-cancer hazard quotient (HQ) of 0.2.

Exceedance of an ESL does not automatically mean that an unacceptable risk exists but only indicates that further evaluation of that particular chemical and pathway is warranted. Therefore, the selection of ESLs that are appropriate for the land uses, receptors, and exposure routes that are relevant for a particular site is a critical element in their proper use. ESLs are not meant to be used as default cleanup goals.

Tables 2-1a and 2-2 present a comparison of detected TPH and volatile chemical concentrations to the generic Tier-1 soil values. The following compounds exceeded the Tier-1 thresholds:

- TPH as diesel range organics (TPH-d), TPH-d with silica gel cleanup (TPH-d [sg]), as gasoline range organics (TPH-g), and as jet fuel (TPH-jf) in AOC 2
- TPH-d in AOCs 4 and 19

Tables 2-4a and 2-5a present a comparison of detected TPH and volatile chemical concentrations to the generic Tier-1 water values. The following compounds exceeded the Tier-1 thresholds:

- TPH-d, TPH-d (sg) in AOCs 1, 2, 3, and 7
- Naphthalene and vinyl chloride in AOC 1
- TPH-g, TPH-hydraulic oil (TPH-ho), TPH-jf, and TPH as motor oil range (TPH-mo), and naphthalene in AOC 2
- TPH-ho in AOC 3
- TPH-mo in AOC 5
- TPH-d in AOCs 6, 14, 15, and 17
- 1,1-dichloroethane, and 1,1-dichloroethene in AOCs 1 and 7

A Tier-2 evaluation was conducted for the chemicals listed above that exceeded their media-specific generic Tier-1 screening values. (See Section 4.4.4.1.)

The compounds p-Isopropyltoluene and sec-butylbenzene did not have Tier-1 screening levels for soil. 1,2,4-Trimethylbenzene, 1,3,5-trimethylbenzene, isopropylbenzene, n-butylbenze, n-propylbenzene, p-isopropyltoluene, and tert-butylbenzene did not have Tier-1 screening levels for groundwater.

Several analytes did not have exceedances in 2004 and 2006 Tier-1 risk evaluations (Tables 3-1 and 4-1):

- Soil
  - TPH-d in AOCs 4 and 19
- Water
  - TPH-d and TPH-d (sg) in AOCs 1, 3, and 7
  - TPH-d in AOCs 6, 14, 15, and 17
  - TPH-g and TPH-jf in AOC 2

- TPH-ho in AOCs 2 and 3
- TPH-mo in AOCs 2 and 5
- 1,1-dichloroethane and 1,1-dichloroethene in AOC 7

4.4.3.2 Construction Worker

The Tier-1 evaluation for exposure to the construction workers uses the same generic Tier-1 screening levels (Table B, *Environmental Screening Levels, Shallow Soil (<3m bgs) Groundwater is not a Current or Potential Source of Drinking Water*), but compares all detected chemical concentrations from soil and TPH and volatile chemical concentrations from groundwater.

Tables 2-1a, 2-2, and 2-3a present a comparison of detected chemical concentrations to the generic Tier-1 soil values. The following compounds exceeded the Tier-1 thresholds:

- TPH-d, TPH-d (sg), TPH-g, TPH-jf in AOC 2
- TPH-d in AOCs 4 and 19
- Arsenic in AOCs 1, 2, 3, 5, 7, 8, 9, 10, 13, 14, 16, and 19
- Cadmium, copper, molybdenum, and nickel in AOC 3
- Thallium in AOCs 2 and 9
- Cadmium in AOC 19

Tables 2-4a and 2-5a present a comparison of detected TPH and volatile chemical concentrations to the generic Tier-1 water values. The following compounds exceeded the Tier-1 thresholds:

- TPH-d, TPH-d (sg) in AOCs 1, 2, 3, and 7
- TPH-d in AOCs 14, 15, 17
- TPH-g, TPH-ho, TPH-jf, TPH-mo, and naphthalene in AOC 2
- TPH-ho in AOC 3
- TPH-mo in AOC 5
- TPH-d in AOC 6
- 1,1-dichloroethane, naphthalene, and vinyl chloride in AOC 1
- 1,1-dichloroethane, and 1,1-dichloroethene in AOC 7

A Tier-2 evaluation was conducted for the chemicals listed above that exceeded their media-specific generic Tier-1 screening values. (See Section 4.4.4.2.)

Note: The compounds p-isopropyltoluene and sec-butylbenzene did not have Tier-1 screening levels for soil. In addition, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, isopropylbenzene, n-butylbenze, n-propylbenzene, p-isopropyltoluene, tert-butylbenzene did not have Tier-1 screening levels for groundwater.

Several analytes did not have exceedances in 2004 and 2006 Tier-1 risk evaluations (Tables 3-1 and 4-1):

- Soil
  - Arsenic in AOCs 1, 5, 7, 8, 9, 10, 13, 14, and 16
  - Thallium in AOCs 2 and 9
  - TPH-d in AOCs 4 and 19
- Water
  - TPH-d and TPH-d (sg) in AOCs 1, 2, 3, and 7
  - TPH-d in AOCs 6, 14, 15, and 17
  - 1,1-dichloroethane in AOCs 1 and 7
  - Naphthalene in AOC 1
  - TPH-g, TPH-jf, and naphthalene in AOC 2
  - TPH-ho in AOCs 2 and 3
  - TPH-mo in AOCs 2 and 5
  - 1,1-dichloroethene in AOC 7

4.4.3.3 Ecological Receptor

The Tier-1 evaluation for exposure of ecological receptors compared detected chemical concentrations from groundwater to the generic ESLs for ecological receptors (Table F, *Environmental Screening Levels (ESLs) Surface Water Bodies*) for the estuarine environment.

Tables 2-4a, 2-5a, and 2-6a present a comparison of detected chemical concentrations to the generic Tier-1 water values. The following compounds exceeded the Tier-1 thresholds:

- TPH-d, TPH-d (sg) in AOCs 1, 2, 3, 7,
- TPH-d in AOC 6, 14, 15, 17
- Naphthalene in AOCs 1 and 2
- TPH-g in AOC 2
- TPH-ho in AOCs 2 and 3
- TPH-mo in AOCs 2 and 5
- tert-Butyl methyl ether in AOC 5
- 1,1-dichloroethane, 1,1-dichloroethene in AOCs 1 and 7
- Antimony in AOC 5
- Arsenic in AOCs 7 and 17
- Beryllium in AOCs 5, 9, and 14
- Cadmium in AOCs 2 and 3
- Cobalt in AOC1
- Copper in AOCs 2, 3, and 14
- Lead in AOCs 2, 9, and 14

- Nickel in AOCs 1, 2, 3, 5, 7, 8, 9, and 17
- Thallium and silver in AOC 9
- Zinc in AOC 2

A Tier-2 evaluation was conducted for the chemicals listed above that exceeded their media-specific generic Tier-1 screening values. (See Section 4.4.4.3.)

Note: The compounds 1,2,4-Trimethylbenzene, 1,3,5-trimethylbenzene, isopropylbenzene, n-butylbenze, n-propylbenzene, p-isopropyltoluene, tert-butylbenzene, iron, and manganese did not have Tier-1 screening levels for groundwater.

Several analytes did not have exceedances in 2004 and 2006 Tier-1 risk evaluations (Tables 3-1 and 4-1):

- Water
  - Cobalt in AOC 1
  - TPH-d and TPH-d (sg) in AOCs 1, 3, and 7
  - TPH-d in AOCs 6, 14, 15, and 17
  - TPH-g in AOC 2
  - TPH-ho in AOCs 2 and 3
  - TPH-jf and naphthalene in AOC 2
  - TPH-mo in AOCs 2 and 5
  - Cadmium and copper in AOC 3
  - Antimony and tert-butyl methyl ether in AOC 5
  - Beryllium in AOCs 5 and 9
  - Nickel in AOCs 5 and 8
  - 1,1-dichloroethane in AOC 7
  - Lead, silver, and thallium in AOC 9

4.4.4 Updated Tier-2 Evaluation

4.4.4.1 Airport Worker

For chemicals that exceeded the generic airport worker Tier-1 screening level, a more site-specific Tier-2 evaluation was conducted. RWQCB currently recommends using soil gas instead of soil concentrations for potential indoor air impacts; therefore, only groundwater was carried into Tier-2. Only TPH mixtures exceeded Tier-1 soil screening values and are discussed below. The Tier-2 groundwater standards consisted of ESLs for commercial/industrial workers (Table E1, *Groundwater Screening Levels for Evaluation of Potential Vapor Intrusion Concerns [volatile chemicals only*]). Outdoor airport worker exposure is accommodated through the evaluation of the indoor air exposure, since outdoor air is subject to more circulation and lower chemical concentrations.

Even though RQWCB no longer recommends using soil for evaluating potential indoor air impacts, the only soil exceedances were for TPH mixtures. TPH mixtures (i.e., TPH-d, TPH-g, etc.) are not typically evaluated quantitatively in risk assessments due to the lack of physical-chemical characteristics and toxicity information for these complex mixtures. Instead, the most toxic components of TPH mixtures (i.e., benzene, toluene, ethylbenzene and xylenes [BTEX] and polyaromatic hydrocarbons [PAHs]) are commonly assessed in a quantitative manner to

address TPH-impacted sites. This approach for assessing potential hazards from TPH exposure is consistent with the methodology outlined in the RWQCB ESL document, which refers to these toxic components as “indicator chemicals”. According to the ESL document, the TPH ESLs should be evaluated in conjunction with the ESLs for the indicator chemicals (RWQCB 2008). For both soil and groundwater BTEX either non-detect or at low concentrations and did not exceed their Tier-1 screening-levels. PAHs were not analyzed.

Only four (4) locations (ERM-B-6, W-B-7, ERM-B-9, and W-B-33) had exceedances of Tier-1 screening levels for TPH-d . Two (2) locations (ERM-B-6 and ERM-B-9) were also analyzed for TPH-d (sg). TPH-d (sg) concentrations were significantly lower than TPH-d concentrations. RWQCB conservatively sets the HQ for noncarcinogens at 0.2 when calculating an ESL in order to account for potential cumulative effects of multiple contaminants. This is divergent from both the California Human Health Screening Levels and RSLs, which uses a HQ of 1. Only ERM-B-6 continued to have a slight exceedance of Tier-1 ESL with a HQ of 0.46. Only one exceedance of TPH-g and TPH-jf at one location (W-B-7 at 0.5 ft bgs) was found. ERM 2004 risk assessment noted, "The sample collected directly beneath the concrete at W-B-7 may not be representative of soil conditions due to sampling procedures. Concrete coring equipment was used to provide access to soils under the wash pad. This equipment uses water to cool the core bit and the soil directly beneath the concrete is usually saturated with this water. Since the boring locations were installed based on staining on the concrete surface, it is possible that the water from concrete coring could have transported hydrocarbons from the surface down to the concrete/ soil interface. This observation is supported by the low concentrations of TPH in samples collected between 1 and 3 ft bgs from the same location (13 and 3.3 mg/kg).” Impacts from TPH soil concentrations would expect to be minimal.

Tables 2-4b, 2-5b, and 2-6b present the comparison for the analytes that exceeded the Tier-1 evaluation to the Tier-2 groundwater screening levels. There were no exceedances of Tier-2 groundwater screening levels.

Several groundwater samples exceeded Tier-1 screening levels for TPHs but could not be evaluated by Tier-2 screening levels. TPH-ho and TPH-mo were considered to be within the residual fuel range of TPH and are not considered to be volatile, and therefore, pose little threat for vapor intrusion. TPH-d, TPH-g, and TPH-jf are considered to be volatile; however RWQCB recommends using soil gas to evaluate these parameters. Soil gas data are not available for the Site.

Twenty-one (21) of twenty-four (24) samples that had a Tier-1 exceedance of TPH-d were also analyzed for TPH-d (sg). Similar to soil, all had significant decreases in concentrations except one location (W-B-12), which increased, and only two locations continued to have a HQ greater than one (1) (ERM-B-5 [HQ of4.5] and W-B-12 [HQ of 4.9]). Two (2) locations had a slight Tier-1 exceedance of TPH-g (ERM-B-6 and ERM-MW-09) and two (2) locations had slight Tier-1 exceedances of TPH-jf (ERM-MW-08 and ERM-MW-09). Impacts of TPH in groundwater for vapor intrusion would likely be limited.

4.4.4.2 Construction Worker

For chemicals that exceeded the generic construction worker Tier-1 screening level, a more site-specific Tier-2 evaluation was conducted. The Tier-2 screening level consisted of ESLs for construction/trench worker who potentially come into direct contact with soils and inhalation of volatiles from groundwater (Table K-3, *Direct Exposure Soil Screening Levels*

Construction/Trench Worker Exposure Scenario, and Table E-1, *Groundwater Screening Levels for Evaluation of Potential Vapor Intrusion Concerns [volatile chemicals only*]). As mentioned in Section 4.4.4.1, soil concentrations should not be used to screen for potential indoor air impacts and only groundwater was evaluated for this pathway in Tier-2. Construction worker exposure is determined through the evaluation of the indoor air exposure, since outdoor air is subject to more dilution and results in lower exposure concentrations.

Tables 2-1b and 2-3b present the comparison for the analytes that exceeded the Tier-1 evaluation to the Tier-2 soil screening levels. The following metals exceeded the Tier-2 ESLs for soil:

- Arsenic in AOCs 1, 2, 3, 5, 7, 8, 9, 10, 13, 14 and 19
- Thallium in AOCs 2 and 9
- Cadmium and nickel in AOC 3

Metals in soil were only analyzed in 2003 and were included in the ERM 2004 risk assessment. Based on ERM's discussion of the Tier-3 process, arsenic and cadmium were considered in the typical range as background. Nickel had one detection above the selected Tier-2 screening level (W-B-12 at 0.5 ft bgs) with an HQ of 0.26 which is just slightly above the RWQCB HQ cutoff of 0.2 (see Section 4.4.4.1 for discussion about RWQCB HQ selection). There were two detections above the selected Tier-2 screening level for thallium (W-B-8 at 2.0 ft bgs and ERM-B-14 at 4.5 ft bgs) with low HQs (0.65 and 0.48, respectively) and a low detection frequency (4%).

Tables 2-4b through 2-6b present the comparison for the analytes that exceeded the Tier-1 evaluation to the Tier-2 groundwater screening levels; the following conclusion was reached:

- There were no exceedances of Tier-2 groundwater screening levels

As mentioned in Section 4.4.4.4.1, there are no Tier-2 groundwater screening levels available for TPH for inhalation exposure, and due to the fact that groundwater Tier-1 screening levels are the same for airport worker and construction worker, the impact of TPH in groundwater is believed to be minimal.

Several analytes did not have exceedances in 2004 and 2006 Tier-2 risk evaluations (Tables 3-1 and 4-1):

- Soil
  - Arsenic in AOCs 1, 2, 5, 7, 8, 9, 10, 13, and 14
  - Thallium in AOCs 2 and 9
  - Nickel in AOC 3

4.4.4.3 Ecological Receptors

For chemicals that exceeded the generic ecological receptor Tier-1 screening level, a more site-specific Tier-2 evaluation was conducted. The Tier-2 screening level consisted of ESLs for Estuarine Aquatic Habitat Goals (Table F-4a, *Summary of Selected Aquatic Habitat Goals)* times the dilution attenuation factor (DAF). The ERM 2004 risk assessment calculated a site-specific DAF. A site-specific DAF could have been calculated for each location where there was a Tier-1 exceedance by using the RWQCB DAF equation (distance in feet divided by 100), but rather, the shortest distance (2,750 feet) was calculated between locations of chemicals of concern that

exceeded the Tier-1 screening and a surface water discharge point via migration in utility conduits leaving the Site (ERM 2004).

Tables 2-4b, 2-5b, and 2-6b present the comparison for the analytes that exceeded the Tier-1 evaluation to the Tier-2 groundwater screening levels; the following compounds were found to exceed the Tier-2 ESLs for groundwater:

- TPH-d in AOC 2
- Nickel in AOCs 1 and 2
- Cadmium and copper in AOC 3
- Copper, lead, and nickel in AOC 2
- Silver in AOC 9

The two (2) locations (ERM-B-5 and ERM-B-6) had exceedances of TPH-d and were also analyzed by silica gel cleanup. TPH-d (sg) did not exceed the Tier-2 ESL, and therefore indicating that the concentration of TPH-d at these locations can likely be attributed to other organic material and not diesel. Also, as mentioned in Section 4.4.4.4.1, TPH mixtures (i.e., TPH-d, TPH-g, etc.) are not typically evaluated quantitatively in risk assessments due to the lack of physical-chemical characteristics and toxicity information for these complex mixtures. BTEX and other indicator compounds were either not detected or not detected above their selected Tier-1 screening levels. Cadmium, copper, lead and silver all had low detection frequencies (2% to 12%) with only one or two locations that exceeded the selected Tier-2 screening value (cadmium at W-B-12, copper at W-B-12 and W-B-8, lead at W-B-8, and silver at ERM-B-13). W-B-8 was analyzed by two different labs and the second lab did not have an exceedance of the Tier-2 screening level for copper at a concentration of 48 µg/L. Due to low detection frequencies and minimal exceedances of the Tier-2 screening values, limited impact to aquatic receptors is expected.

Nickel had multiple exceedances and went on to Tier-3 evaluation in the 2004 ERM risk assessment by using both a statistical evaluation (95% upper confidence limit [UCL]) and additional DAF assessment. A UCL ranging from 96.5 µg/L to 117.5 µg/L was calculated and compared to the Tier-2 screening level for groundwater (ERM 2004). Both the 2004 ERM screening level and the current 2012 screening level are the same (230 µg/L), and the UCL does not exceed the screening level. Seventeen (17) additional nickel samples have been taken since the 2004 risk assessment. UCL was not calculated for this evaluation, but would likely return similar results because the additional samples are similar to or lower than the original group of samples. The 2004 risk assessment also looked at a more location-specific DAF and determined that due to attenuation in the aquifer and a modeled DAF, that nickel concentrations would not pose unacceptable risk.

Several analytes did not have exceedances in 2004 and 2006 Tier-2 risk evaluations (Tables 3-1 and 4-1):

- Water
  - Copper in AOCs 2 and 3
  - Lead in AOC 2

- Cadmium in AOC 3
- Silver in AOC 9

4.4.5 Nuisance Comparison for MF 25/26

Part of the low-threat closure policy (discussed in more detail in Section 4.5) requires that nuisance conditions do not exist on site. Industrial/Commercial gross contamination ESLs addresses nuisance (odor, etc.) conditions, and were used to compare the chemical concentrations from soil and/or groundwater at MF25/26 (Table H-2, Components for Shallow Soil Gross Contamination Ceiling Levels, and I-2, Groundwater Gross Contamination Ceiling Levels [groundwater is not a current or potential source of drinking water]).

Tables 2-8 through 2-9 present a comparison of detected chemical concentrations to the Gross Contamination soil values. The following compounds exceeded the Tier 1 thresholds for soil:

- TPH-d, TPH-g, and TPH-jf

TPH exceedances occurred at locations B-5, B-6, B-9, B-10, and B-12. All locations except location B-9 is outside of the excavation location.

Tables 2-10 through 2-11 present a comparison of detected chemical concentrations to the Gross Contamination soil values. The following compounds exceeded the Tier 1 thresholds for soil:

- TPH-d, TPH-jf, and TPH-mo

TPH exceedances occurred at locations MW-1, MW-2, MW-3, and MW-4.

4.4.6 Uncertainties in Data Quality and Data Evaluation

The data used spans a 9-year period from 2003 to 2011. The bulk of the analytical data are from the first year. This uncertainty may over- or under-predict risks depending on how representative the data are to current site concentrations.

Data validation was performed on a total of 28,858 data results (including soil and groundwater data). The bulk of the data could not be validated at the level typically performed for risk assessment because the level at which data is validated depends on the completeness and quality of the laboratory data. Laboratory reports and report quality were incomplete or missing for much of the data set. As a result, all data not validated was Q-flagged, which indicates that there is a high uncertainty associated with the quality and adequacy of the data. Of the total 28,858 sample results used in this evaluation, 9,563 data points, roughly 33 percent were Q-flagged. A summary of the data QA/QC results is provided in Appendix E.

Soil ESLs are presented on dry weight basis. Data results were either reported on wet (2011 data) or unknown basis. Percent moisture was not available for any of the data in this evaluation. This would likely under-predict risks.

The analytical data used for this updated screening level evaluation were assessed with regard to the sensitivity of the data for risk assessment use. The goal was to understand whether the analytes reported as not detected could be reliably assumed to not be present in the individual sample or medium at levels of concern to ecological and human health. Evaluating this issue necessarily requires an understanding of how close the analyte's method reporting limits (MRLs) are to the screening levels for that analyte. Analytes with MRLs that exceeded the screening levels for soil included arsenic, twenty-four (24) SVOCs, TPH-d, TPH-jf, and five (5) VOCs.

All non-detect MRLs for Arsenic exceeded the selected screening level. As discussed in section 4.4.4.2, detected arsenic concentrations are within range of background concentration. The twenty-four (24) SVOCs had a zero percent (0%) detection frequency and there were only two (2) samples were taken in 2003. The laboratory used a dilution factor of 20 in order to analyze these samples, which greatly increased the MRL. This uncertainty may under estimate the risk associated with these analytes.

TPH-d, TPH-jf and four (4) of the five (5) VOCs had less than two (2) MRLs that exceed the screening level. 1,2-Dibromo-3-chloropropane had a zero percent (0%) detection frequency and all 126 samples exceeded the screening level. This brings into question the utility of screening level to predict toxicity. Analytes with MRLs that exceeded the screening levels for water included thirteen (13) metals, thirty-six (36) SVOCs, sixteen (16) TPHs, and five (5) VOCs. For twelve (12) SVOCs, eleven (1) TPHs, and three (3) VOCs the number of samples with MRLs exceeding the screening formed only a subset of the total number of samples. Therefore, it did not affect the evaluation of the analytes as to whether they should be identified as COPCs.

The five (5) remaining TPHs and metals all had low detection frequencies and a high proportion of MRLs were greater than the screening level. The remaining analytes SVOCs and VOCs) had a magnitude of MRL exceedance above the screening level was generally greater than a factor of ten. Many SVOCs and VOCs routinely exceeded the SLVs for surface water. These are analytes that are poorly soluble in water and generally are best evaluated based on their occurrence in the solid phase, such as soils, sediments or tissue. These limits to analytical technology are well understood and are inherent in the risk assessment process.

4.5 CRITERIA FOR LOW-THREAT CASE CLOSURE

The low-threat case closure policy (SWRCB 2012a, 2012b) provides a list of criteria under which a UST case may be closed. URS reviewed the policy and the criteria in order to evaluate the former USTs MF 25/26 as a closure candidate.

The policy states:

> "In the absence of unique attributes of a case or site-specific conditions that demonstrably increase the risk associated with residual petroleum constituents, cases that meet the general and media-specific criteria described in this policy pose a low threat to human health, safety or the environment and are appropriate for closure pursuant to Health and Safety Code section 25296.10. Cases that meet the criteria in this policy do not require further corrective action and shall be issued a uniform closure letter consistent with Health and Safety Code section 25296.10. Annually, or at the request of the responsible party or party conducting the corrective action, the regulatory agency shall conduct a review to determine whether the site meets the criteria contained in this policy.
>
> It is important to emphasize that the criteria described in this policy do not attempt to describe the conditions at all low-threat petroleum UST sites in the State. The regulatory agency shall issue a closure letter for a case that does not meet these criteria if the regulatory agency determines the site to be low-threat based upon a site specific analysis.
>
> This policy recognizes that some petroleum-release sites may possess unique attributes and that some site specific conditions may make case closure under this policy inappropriate, despite the satisfaction of the stated criteria in this policy. It is impossible

to completely capture those sets of attributes that may render a site ineligible for closure based on this low-threat policy. This policy relies on the regulatory agency's use of the conceptual site model to identify the special attributes that would require specific attention prior to the application of low-threat criteria. In these cases, it is the regulatory agency's responsibility to identify the conditions that make closure under the policy inappropriate.

This section describes how the site-specific conditions present at the former USTs MF 25/26 make this area a candidate for closure under this low-threat policy.

4.5.1 General Criteria

General criteria that must be satisfied by all candidate sites are listed as follows:

a. The unauthorized release is located within the service area of a public water system – The Site, including the MF 25/26 area are located within the East Bay Municipal Utility District's area of operations. It is unlikely that new water supply wells will be installed in the shallow groundwater near former UST release sites at the Site due to the water quality in the shallow aquifer, which is upwards of 5,000 to 6,000 parts per million total dissolved solids (non-potable), and due to the current and expected future land use at the site.

b. The unauthorized release consists only of petroleum – Two former USTs included one 3,000-gallon and one 1,000-gallon UST that contained waste solvents and possibly waste oil. For the former USTs MF 25/26, site-specific analysis has been conducted. It appears that the primary contaminant at this location is TPH-d and TPH-jf. In early investigations, very low concentrations of chlorinated solvents were found in the subsurface. Subsequent investigations indicate that the contents of the tanks were likely waste petroleum fuels, and to a much lesser degree, waste solvents. Trichlorethelyne was detected at a maximum concentration of 0.0057 mg/kg in the soil, and a range of 0.9 to 15 µg/L, in four out of eight groundwater monitoring well locations (Kennedy/Jenks 2011). One daughter product, cis-1,2-dichlorethene, was detected in five groundwater wells at a range 1.4 to 63 µg/L, indicating potential biodegradation in groundwater. (See Table 2-11.)
Cis-1,2-dichlorethene did not exceed any of the Tier-1 screening level values.

c. The unauthorized ("primary") release from the UST system has been stopped – The USTs MF 25/26 and associated piping were removed from the site in 1992.

d. Free product has been removed to the maximum extent practicable – At the time of the UST removal, approximately 940 cubic yards (CY) of contaminated soil were removed from the site. In addition, in-situ remediation using oxygen reducing compound (ORC) injection was conducted at the site reducing the petroleum hydrocarbon levels to very low levels (See Tables in Appendix D2). Higher concentrations of TPH found in MW-2 and MW-3 may be indicative of LNAPL but are evidently limited in areal extent, based on surrounding soil borings (Appendix C3) and have not migrated into downgradient wells over a 20-year period from 1992 through 2011. See Section 4.5.2, Item 1 below.

e. **A conceptual site model that assesses the nature, extent, and mobility of the release has been developed** – The CSM developed for the Site applies to the former USTs MF 25/26 where identical conditions exist in the subsurface hydrogeology, site development and uses. See Section 4.2 for a complete discussion of the CSM,. (See Appendix C2, Figure 25.) However, the former USTs area is currently a part of Oakland International Airport's short term economy parking lot. The vapor intrusion to indoor air pathway is incomplete at the former USTs MF 25/26 as there are no buildings currently, and there are no immediate plans for constructing a building. Any future construction activities will be managed in accordance with a risk management plan (RMP), which will require any necessary additional removal actions and/or installation of additional engineering controls such as vapor barriers, as necessary .

f. **Secondary source has been removed to the extent practicable** – As discussed in Item d above, following removal of the USTs, approximately 940 cubic yards of soil were excavated to remove secondary sources of contamination and brought for treatment at the Port's bioremediation site in the North Field of the Oakland Airport. In addition, ORC treatments in 1999 and 2001 reduced contaminant levels in wells. Monitoring has indicated that no migration has occurred. (Kennedy Jenks 2012)

g. **Soil or groundwater has been tested for methyl tert-butyl ether (MTBE) and results reported in accordance with Health and Safety Code section 25296.15** –Soil and groundwater have been tested for MTBE and results reported in accordance with Health and Safety Code section 25296.15 prohibits closing a UST case unless the soil, groundwater, or both, as applicable have been tested for MTBE and the results of that testing are known to the Regional Water Board. This site has been tested for MTBE in accordance with Section 25296.15 of the Health and Safety Code. The soil and groundwater at the former USTs MF 25/26 were tested for MTBE over an investigation period starting in 1998 and concluding in 2011. No MTBE was detected in either soil or groundwater in 2011. Some low detections in limited areas (MW-4 and MW-8 at a maximum concentration of 11 µg/L and 3.2 µg/L, respectively) were found in groundwater in 1999 and 2000. (See Appendix D2 for pre-2003 data tables.)

h. **Nuisance as defined by Water Code section 13050 does not exist at the site** - URS has analyzed the general criteria for the former USTs MF 25/26 based on the updated comparison to ESLs in Section 4.2 above.

   Nuisance as defined by Water Code section 13050 does not exist at the site. Water Code section 13050 defines "nuisance" as anything which meets all of the following requirements:

   1) Is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property

   2) Affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal.

   3) Occurs during, or as a result of, the treatment or disposal of wastes.

   For the purpose of this RWQCB policy, waste means a petroleum release.

The soil and groundwater concentrations of TPH-d, TPH-jf and TPH-g exceed the RWQCB nuisance screening levels as described in Section 4.2.4 of this report. However, the former USTs MF 25/26 are located under pavement in an operating airport parking lot. Other than these exceedances in soil and groundwater, none of the other nuisance criteria under Water Code Section 13050 have been exceeded. Based on the previous investigations dated to 1992, it is reasonable to assume that the plume will remain stable due to the site-specific subsurface conditions (very low permeability) and documented stability of the plume over the past 20 years.

4.5.2 Media-Specific Criteria

Releases from USTs can impact human health and the environment through contact with any or all of the following contaminated media: groundwater, surface water, soil, and soil vapor. Although this contact can occur through ingestion, dermal contact, or inhalation of the various media, the most common drivers of health risk are ingestion of groundwater from drinking water wells, inhalation of vapors accumulated in buildings, contact with near surface contaminated soil, and inhalation of vapors in the outdoor environment. To simplify implementation of RWQCB's policy, these media and pathways have been evaluated and the most common exposure scenarios have been combined into three media-specific criteria:

1. Groundwater
2. Vapor Intrusion to Indoor Air
3. Direct Contact and Outdoor Air Exposure

Per the SWRCB's policies (2012a, 2012b), candidate sites must satisfy all three of these media-specific criteria as described below.

1. **Groundwater** – This site is located in the Oakland International Airport which is situated on a landfill area comprised of hydraulic fill of low permeability and is not considered a drinking water aquifer. Under State Water Board Resolution 92-49 the presence of the petroleum hydrocarbon plume will not unreasonably affect current and anticipated beneficial use of affected water, and over time is expected to degrade to background concentrations.

   The former USTs MF 25/26 meets the groundwater-specific criteria in items (3) of the low-threat policy as follows:

   a. **The contaminant plume that exceeds water quality objectives is less than 250 feet in length.** The plume is limited to 50 feet in length.

   b. **Free product has been removed to the maximum extent practicable, may still be present below the site where the release originated, but does not extend offsite.** No free product has been measured in the eight onsite monitoring wells. However, based on the solubility limits of TPH-jf (15 to 65 mg/L), an indicator of potential LNAPL, there appears to be a limited source of potential LNAPL located within the former area of the UST (SWRCB 2012b). This free product, if present, is of limited extent since the plume is defined by existing monitoring wells and also soil samples collected in 2012 near monitoring wells. (See Appendix C3.)

c. **The plume has been stable or decreasing for a minimum of five years.** The plume has not migrated and has slightly lower concentrations than the original pre-remediation concentrations.

d. **The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary**. The nearest water supply well is over 1 mile from the former USTs MF 25/26 (ERM 2004, Figure 10 in Appendix C1).

e. **The property owner is willing to accept a land use restriction if the regulatory agency requires a land use restriction as a condition of closure**. The Port of Oakland is willing to impose a deed restriction on the former UST MF 25/26 area. In addition, the Port will prepare an RMP to address any potential residual risks remaining at the site.

Site-specific conditions at the MF 25/26 area indicate that plume is contained in a limited area, but has experienced post-remediation rebound in concentrations, as indicated in the Kennedy/Jenks report (Kennedy/Jenks 2012, Appendix C1). The plume area remained virtually identical to its original pre-remediation state (i.e., < 50 ft x 50 ft and similar concentrations of TPH-d and TPH-jf). It is notable that the plume remains located within the general excavation area, indicating containment of the contaminants within the former excavation location.

2. Petroleum Vapor Intrusion to Indoor Air

The SWRCB (2012a) policy states that the low-threat vapor-intrusion criteria described below apply to sites where the release originated and impacted or potentially impacted adjacent parcels when:

(1) existing buildings are occupied or may be reasonably expected to be occupied in the future, or

(2) buildings for human occupancy are reasonably expected to be constructed in the future.

There are no buildings at the former USTs MF 25/26 and this area is likely to remain a parking lot for the foreseeable future. Therefore, this media-specific criterion does not apply to this area.

3. Direct Contact and Outdoor Air Exposure

The SWRCB policy (2012a) describes conditions where direct contact with contaminated soil or inhalation of contaminants volatized to outdoor air poses a low threat to human health. Release sites where human exposure may occur satisfy the media-specific criteria for direct contact and outdoor air exposure and shall be considered low-threat if they meet any of the following:

a. **Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1 for the specified depth bgs.** The soil concentrations meet the criteria in Table 1 of the RWQCB's Low-Threat Closure Policy (SWRCB 2012a) (for benzene, ethylbenzene, naphthalene, and PAHs) at the former USTs MF 25/26, with one exception; PAHs were not analyzed for this area. The concentrations at this area (Table 2-9) are non-detections of benzene at a range of <0.046 to <9.9 mg/kg, and maximum detections of 9.7 mg/kg ethylbenzene and 21 mg/kg naphthalene in the upper 5 feet of soil. Groundwater is encountered at a depth of 2 to 3 ft bgs.

Due to the site conditions, item c of this media-specific criterion provides for additional controls. For the construction worker receptor, institutional and engineering controls are required. A deed restriction and Risk Management Plan would be developed to address the risks to construction workers from direct contact and inhalation from soil and groundwater, such that there is no significant risk of adversely affecting human health.

The RMP would prescribe the safe practices, preventive measures, and personal protective equipment, among other controls designed to minimize the potential for exposure of any sensitive receptor to any of the subsurface soil and groundwater within the plume area.

This analysis indicates that the last remaining UST case (MF 25/26) at the Site meets the general and the applicable media-specific criteria described in this policy, and demonstrates that the MF 25/26 UST area currently poses a low threat to human health, safety or the environment primarily because it is extremely limited in areal extent (less than 50 ft x 50 ft), is a stable plume, and has no buildings or future plans for buildings. Thus, it would be reasonable and appropriate to close this former UST area pursuant to Health and Safety Code section 25296.10, and require no further corrective action given an appropriate deed restriction and RMP that addresses the construction and airport worker direct contact scenario.

In summary, this report serves as the basis for a request for no further action at MF 25/26 under a uniform closure letter consistent with Health and Safety Code section 25296.10. Concurrent to this closure request, this report also serves as the basis for closure of the OMC site as a whole given the documentation has demonstrated that the site (1) no longer has any active sources; and (2) provided all available documentation requested regarding site activities; and (3) the closed USTs have been shown that they do not pose a risk to humans or the environment.

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Tables

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)	180		180		180		180		2500	
			Construction Worker Tier-1 (a)	180		180		180		180		2500	
			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	
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

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)	180		180		180		180		2500	
			Construction Worker Tier-1 (a)	180		180		180		180		2500	
			Ecological Receptor Tier-1	IP		IP		IP		IP		IP	
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
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	

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)	180		180	180		180		2500	
			Construction Worker Tier-1 (a)	180		180	180		180		2500	
			Ecological Receptor Tier-1	IP		IP	IP		IP		IP	
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
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

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)	180		180	180		180		2500	
			Construction Worker Tier-1 (a)	180		180	180		180		2500	
			Ecological Receptor Tier-1	IP		IP	IP		IP		IP	
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 micrograms per liter (ug/L).
< = 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 May 2008). If there are no ESLs available, USEPA industrial soil RSLs (May 2012).
(b) Analyte analyzed by a second method.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.
USEPA. 2010. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. RSL Table Update. May.

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	
			Airport Worker Tier-2	--		--		--		--	
			Construction Worker Tier-2 (a)	4200		4200		4200		4200	
			Ecological Receptor Tier-2	IP		IP		IP		IP	
Area of Concern 1											
ERM-B-1	1	3.5	4/15/2003	<5		NA		<1		NA	
ERM-B-2	1	3.5	4/15/2003	<5		NA		<1		NA	
W-B-4	1	0.5	4/14/2003	**57**	Q	NA		**1.7**	Q	<50	Q
W-B-4	1	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q
W-B-4	1	3.5	4/14/2003	<5		NA		<1		NA	
W-B-5	1	0.5	4/14/2003	**71**	Q	NA		**3.1**	Q	<50	Q
W-B-5	1	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q
W-B-5	1	3.5	4/14/2003	<5		NA		<1		NA	
W-B-6	1	0.5	4/14/2003	**4.1**	Q	NA		<1	Q	**1.8**	Q
W-B-6	1	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q
W-B-6	1	3.5	4/14/2003	<5		NA		<1		NA	
Area of Concern 2											
ERM-B-3	2	2.5	4/15/2003	<5		NA		<1		NA	
ERM-B-4	2	2.5	4/15/2003	**18**	Y	**9.2**	J	**4.7**		NA	
ERM-B-5	2	2.5	4/15/2003	**43**	J Y	<20	J	**1.4**		NA	
ERM-B-6	2	2.5	4/15/2003	**1300**	J Y	**410**	J	**170**		NA	
W-B-7	2	0.5	4/17/2003	**1800**	Q	NA		**1000**	Q	**1800**	Q
W-B-7	2	1.5	4/17/2003	**27**	J Y	**13**	J	**7.9**		NA	
W-B-7	2	3	4/17/2003	**3.3**	Q	NA		**2.6**	Q	**2.3**	Q
W-B-8	2	0.5	4/14/2003	<50	Q	NA		**1.1**	Q	<50	Q
W-B-8	2	2	4/14/2003	<100	UJ	NA		<1	UJ	NA	
W-B-8	2	3	4/14/2003	**81**	Q	NA		**1.7**	Q	<50	Q
Area of Concern 3											
W-B-10	3	0	4/15/2003	**1.1**	Q	NA		<1	Q	<1	Q
W-B-10	3	3	4/15/2003	<1	Q	NA		<1	Q	<1	Q
W-B-10	3	3.5	4/15/2003	<5		NA		<1		NA	
W-B-10	3	6	4/15/2003	<1	Q	NA		<1	Q	<1	Q
W-B-11	3	0.5	4/15/2003	<1	Q	NA		<1	Q	<1	Q
W-B-11	3	1.5	4/15/2003	<5		NA		<1		NA	
W-B-11	3	3	4/16/2003	<1	Q	NA		<1	Q	<1	Q
W-B-11	3	8	4/15/2003	<1	Q	NA		<1	Q	<1	Q
W-B-12	3	0.5	4/16/2003	**18**	Y	**15**	Y	<1		**9.9**	
W-B-12	3	3	4/15/2003	**140**	Q	NA		**1.7**	Q	**77**	Q
W-B-12	3	6	4/15/2003	**7.4**	Q	NA		<1	Q	**3.9**	Q
W-B-12 (b)	3	0.5	4/16/2003	**34**	Y	NA		**3.3**		NA	
Area of Concern 4											
ERM-B-8	4	4	4/16/2003	<5		NA		<0.1	UJ	NA	
ERM-B-9	4	4.5	4/16/2003	**200**	J Y	<20	UJ Y	<0.1	UJ	NA	
Area of Concern 5											
ERM-B-10	5	2.5	4/17/2003	<5	UJ	NA		<1	UJ	NA	
ERM-B-11	5	2.5	4/17/2003	<5		NA		<1		NA	
ERM-B-11	5	6.5	4/17/2003	<5		NA		NA		NA	
W-B-1	5	0.5	4/14/2003	**13**	Q	NA		<1	Q	<5	Q
W-B-1	5	10	4/14/2003	<1	Q	NA		<1	Q	<1	Q
W-B-1	5	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q
W-B-2	5	0.5	4/14/2003	**6.3**	Q	NA		<1	Q	<5	Q
W-B-2	5	10	4/14/2003	<1	Q	NA		<1	Q	<1	Q
W-B-2	5	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q

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	
W-B-2	5	4	4/14/2003	<5		NA		<1		NA	
W-B-3	5	0.5	4/14/2003	**10**	Q	NA		<1	Q	<5	Q
W-B-3	5	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q
W-B-3	5	3.5	4/14/2003	<5		NA		<1		NA	
W-B-3	5	7	4/14/2003	<1	Q	NA		<1	Q	<1	Q
Area of Concern 6											
ERM-B-27	6	2	4/17/2003	<5		NA		NA		NA	
Area of Concern 7											
W-B-16	7	0.5	4/17/2003	<1	Q	NA		<1	Q	<1	Q
W-B-16	7	1.5	4/17/2003	<5		NA		<1		NA	
W-B-16	7	3	4/17/2003	<1	Q	NA		<1	Q	<1	Q
W-B-17	7	0.5	4/17/2003	<0.001	Q	NA		<0.001	Q	<0.001	Q
W-B-17	7	1.5	4/17/2003	<5	Y	NA		<1	Y	NA	
W-B-17	7	3	4/17/2003	<1	Q	NA		<1	Q	<1	Q
Area of Concern 8											
ERM-B-12	8	2	4/17/2003	<5		NA		<1		NA	
Area of Concern 9											
ERM-B-13	9	3.5	4/16/2003	<5		NA		<1		NA	
ERM-B-14	9	4.5	4/17/2003	<20		NA		<1		NA	
W-B-21	9	0.5	4/17/2003	**1.9**	Q	NA		<1	Q	**1.2**	Q
W-B-21	9	3	4/17/2003	<0.001	Q	NA		<0.001	Q	<0.001	Q
W-B-22	9	0.5	4/18/2003	<5	Q	NA		<1	Q	<5	Q
W-B-22	9	2.5	4/18/2003	<5		NA		<1		NA	
W-B-22	9	3	4/18/2003	<1	Q	NA		<1	Q	<1	Q
W-B-23	9	0.5	4/18/2003	<1	Q	NA		<1	Q	<1	Q
W-B-23	9	3	4/18/2003	<200	Q	NA		<1	Q	<200	Q
Area of Concern 10											
ERM-B-15	10	1	4/17/2003	<5	UJ	NA		<1	UJ	NA	
Area of Concern 11											
ERM-B-16	11	4.5	4/16/2003	<5		NA		NA		NA	
ERM-B-17	11	3.5	4/16/2003	<5	UJ	<5	UJ	NA		NA	
ERM-B-18	11	4	4/16/2003	<5		NA		NA		NA	
ERM-B-19	11	4.5	4/16/2003	<5		NA		NA		NA	
Area of Concern 12											
ERM-B-20	12	3	4/16/2003	<5		NA		NA		NA	
ERM-B-21	12	2	4/17/2003	<5		NA		NA		NA	
Area of Concern 13											
ERM-B-22	13	1.5	4/17/2003	<5	UJ	NA		NA		NA	
Area of Concern 14											
ERM-B-23	14	4.5	4/17/2003	<20		NA		<1		NA	
W-B-32	14	0.5	4/16/2003	**3**	Q	NA		<1	Q	<1	Q
W-B-32	14	1.5	4/16/2003	**23**	J	**22**	J	<1		NA	
W-B-32	14	3	4/16/2003	<1	Q	NA		<1	Q	<1	Q
W-B-32	14	8	4/16/2003	**7.6**	Q	NA		<1	Q	**10**	Q
W-B-38	14	0.5	4/15/2003	<1	Q	NA		<1	Q	<1	Q
W-B-38	14	2.5	4/15/2003	<5		NA		<1		NA	
W-B-38	14	3	4/15/2003	<1	Q	NA		<1	Q	<1	Q
W-B-38	14	8	4/15/2003	<1	Q	NA		<1	Q	<1	Q
W-B-39	14	0.5	4/14/2003	<1	Q	NA		<1	Q	<1	Q
W-B-39	14	3	4/14/2003	<1	Q	NA		<1	Q	<1	Q
W-B-39	14	8	4/14/2003	<1	Q	NA		<1	Q	<1	Q
Area of Concern 15											

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	
ERM-B-24	15	2.5	4/15/2003	<5		NA	NA		NA	
ERM-B-25	15	3.5	4/15/2003	<5		NA	NA		NA	
ERM-B-26	15	2	4/16/2003	<5		NA	NA		NA	
Area of Concern 16										
W-B-13	16	0.5	4/15/2003	<1	Q	NA	<1	Q	<1	Q
W-B-13	16	3	4/15/2003	<1	Q	NA	<1	Q	<1	Q
W-B-13	16	8	4/15/2003	<1	Q	NA	<1	Q	<1	Q
W-B-14	16	0	4/15/2003	<1	Q	NA	<1	Q	<1	Q
W-B-14	16	2.5	4/15/2003	<5		NA	NA		NA	
W-B-14	16	3	4/15/2003	<1	Q	NA	<1	Q	<1	Q
W-B-14	16	8	4/15/2003	<1	Q	NA	<1	Q	<1	Q
W-B-15	16	0.5	4/15/2003	<1	Q	NA	<1	Q	<1	Q
W-B-15	16	8	4/15/2003	<1	Q	NA	<1	Q	<1	Q
Area of Concern 18										
W-B-18	18	4.5	4/18/2003	**2**	Q	NA	<1	Q	**1.4**	Q
W-B-18	18	8	4/18/2003	<1	Q	NA	<1	Q	<1	Q
W-B-19	18	4	4/18/2003	<1	Q	NA	<1	Q	<1	Q
W-B-20	18	3	4/18/2003	<1	Q	NA	<1	Q	<1	Q
W-B-9	18	4	4/18/2003	<1	Q	NA	<1	Q	<1	Q
Area of Concern 19										
W-B-24	19	0.5	4/14/2003	<1	Q	NA	<1	Q	<1	Q
W-B-24	19	3	4/14/2003	**1.4**	Q	NA	<1	Q	<1	Q
W-B-24	19	8	4/14/2003	**3.2**	Q	NA	<0.001	Q	<1	Q
W-B-25	19	0	4/15/2003	<1	Q	NA	<1	Q	<1	Q
W-B-25	19	1.5	4/15/2003	<5		NA	<1		NA	
W-B-25	19	3	4/15/2003	<1	Q	NA	<1	Q	<1	Q
W-B-25	19	8	4/15/2003	**2**	Q	NA	<1	Q	<1	Q
W-B-26	19	0.5	4/16/2003	<1	Q	NA	<0.001	Q	<1	Q
W-B-26	19	12	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-26	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-27	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-27	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-27	19	8	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-28	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-28	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-28	19	8	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-29	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-29	19	1.5	4/16/2003	<5		NA	<1		NA	
W-B-29	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-29	19	8	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-30	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-30	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-30	19	8	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-31	19	0.5	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-31	19	3	4/16/2003	**7.1**	Q	NA	<1	Q	<2	Q
W-B-31	19	3.5	4/16/2003	**11**	Q	NA	<1	Q	<5	Q
W-B-33	19	0.5	4/16/2003	**220**	Q	NA	**2.7**	Q	<200	Q
W-B-33	19	2.5	4/16/2003	**1.5**	Q	NA	<1	Q	<1	Q
W-B-33	19	3	4/16/2003	<1	Q	NA	<1	Q	<1	Q
W-B-33	19	8	4/16/2003	**12**	Q	NA	<1	Q	**10**	Q
W-B-34	19	0.5	4/17/2003	<10	Q	NA	<1	Q	<10	Q
W-B-34	19	3	4/17/2003	**2.1**	Q	NA	<1	Q	<1	Q

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	
W-B-35	19	0.5	4/17/2003	**1.1**	Q	NA	<1	Q	<1	Q
W-B-35	19	3	4/17/2003	**6.8**	Q	NA	<1	Q	**1.1**	Q
W-B-36	19	0.5	4/17/2003	<1	Q	NA	<1	Q	<1	Q
W-B-36	19	3	4/17/2003	<1	Q	NA	<1	Q	<1	Q
W-B-37	19	0.5	4/17/2003	**5.5**	Q	NA	<1	Q	<1	Q
W-B-37	19	4	4/17/2003	**15**	Q	NA	<1	Q	**4.6**	Q

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

-- = 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 sam

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 May 2008).

(b) Analyte analyzed by a second method.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

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	17	2.8	51000	NS	NS	0.95	9.3	11
Construction Worker Tier-1 (a)				7.8	260	10000	4.7	11000	17	2.8	51000	NS	NS	0.95	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
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

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	17	2.8	51000	NS	NS	0.95	9.3	11
Construction Worker Tier-1 (a)				7.8	260	10000	4.7	11000	17	2.8	51000	NS	NS	0.95	9.3	11
Ecological Receptor Tier-1 (a)				IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
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
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

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	17	2.8	51000	NS	NS	0.95	9.3	11
Construction Worker Tier-1 (a)				7.8	260	10000	4.7	11000	17	2.8	51000	NS	NS	0.95	9.3	11
Ecological Receptor Tier-1 (a)				IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
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
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

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		17		2.8		51000		NS		NS		0.95		9.3		11	
		Construction Worker Tier-1 (a)		7.8		260		10000		4.7		11000		17		2.8		51000		NS		NS		0.95		9.3		11	
		Ecological Receptor Tier-1 (a)		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP		IP	
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
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

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	17	2.8	51000	NS	NS	0.95	9.3	11
		Construction Worker Tier-1 (a)		7.8	260	10000	4.7	11000	17	2.8	51000	NS	NS	0.95	9.3	11
		Ecological Receptor Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
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 May 2008). If there are no ESLs available, USEPA industrial soil RSLs (May 2012).
(c) Analyzed by a second lab.

References
RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.
USEPA. 2010. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. RSL Table Update. May.

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	7.4	2500	80	230	750	10	40	150	40	16	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
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

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	7.4	2500	80	230	750	10	40	150	40	16	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	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
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**

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	7.4	2500	80	230	750	10	40	150	40	16	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 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
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

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	7.4	2500	80	230	750	10	40	150	40	16	200	600
		Ecological Receptor Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
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
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

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	7.4	2500	80	230	750	10	40	150	40	16	200	600
		Ecological Receptor Tier-1 (a)		IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
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 May 2008). If there are no ESLs available, USEPA industrial soil RSLs (May 2012).

(c) Analyzed by a second lab.

(d) Reanalyzed by graphite furnace.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

USEPA. 2012. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. RSL Table Update. May.

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)		15		39		310000		3900		260		62	
		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	

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)		15		39		310000		3900		260		62	
		Ecological Receptor Tier-2		IP		IP		IP		IP		IP		IP	
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
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**	

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)		15	39	310000	3900	260	62
		Ecological Receptor Tier-2		IP	IP	IP	IP	IP	IP
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
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

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)		15	39	310000	3900	260	62
		Ecological Receptor Tier-2		IP	IP	IP	IP	IP	IP
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
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.

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)				15	39	310000	3900	260	62
Ecological Receptor Tier-2				IP	IP	IP	IP	IP	IP

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 May 2008).

(c) Analyzed by a second lab.

(d) Reanalyzed by graphite furnace.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008.

USEPA. 2012. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. RSL Table Update. May.

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)			210		210		210		210	210		210	
Construction Worker Tier-1 (a)			210		210		210		210	210		210	
Ecological Receptor Tier-1 (a)			210		210		210		210	210		210	
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 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)			210		210		210		210	210		210	
Construction Worker Tier-1 (a)			210		210		210		210	210		210	
Ecological Receptor Tier-1 (a)			210		210		210		210	210		210	
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	
Area of Concern 18													

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)		210		210	210		210	210		210	
	Construction Worker Tier-1 (a)		210		210	210		210	210		210	
	Ecological Receptor Tier-1 (a)		210		210	210		210	210		210	
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
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 May 2008). Tier-1 ecological receptor screening level value is based on estuarine values in Table F Environmental Screening Levels (ESLs) Surface Water Bodies (RWQCB May 2008).
(b) Analyte analyzed by a second method.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

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)			5775		5775		5775		5775		5775		5775	
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	
Area of Concern 6														
ERM-B-27	6	4/17/2003	**550**	J	**180**		NA		NA		NA		NA	

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)			5775		5775		5775		5775	5775		5775	
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	
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

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)		5775	5775	5775	5775	5775	5775
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

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 May 2008). Tier-2 Ecological receptor screening level value is based on estuarine values in Table F-4a Summary of Selected Aquatic Habitat Goals (RWQCB May 2008) multiplied by DAF of 27.5.

(b) Analyte analyzed by a second method.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

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	200	NS	1500	12	330	41	590	43	NS	100	2200	24	NS	NS	100	NS	100	1800	NS	120	130	100	590	360	0.047
Construction Worker Tier-1 (a)			62	47	25	NS	200	NS	1500	12	330	41	590	43	NS	100	2200	24	NS	NS	100	NS	100	1800	NS	120	130	100	590	360	0.047
Ecological Receptor Tier-1 (a)			62	47	3.2	NS	99	NS	1500	12	620	1100	590	30	NS	100	1600	21	NS	NS	100	NS	100	180	NS	120	40	100	590	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	<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	**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	<0.5 UJ	**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	<0.5 UJ	**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	**0.9** J	<0.5 UJ	**0.8** J	<0.5 UJ	NA	<0.5 UJ	**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	**0.7** J	<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	<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
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	<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	<0.5	**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	<0.5 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	<0.5 UJ	**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	<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	<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	<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	<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	<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	<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
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

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	200	NS	1500	12	330	41	590	43	NS	100	2200	24	NS	NS	100	NS	100	1800	NS	120	130	100	590	360	0.047
Construction Worker Tier-1 (a)			62	47	25	NS	200	NS	1500	12	330	41	590	43	NS	100	2200	24	NS	NS	100	NS	100	1800	NS	120	130	100	590	360	0.047
Ecological Receptor Tier-1 (a)			62	47	3.2	NS	99	NS	1500	12	620	1100	590	30	NS	100	1600	21	NS	NS	100	NS	100	180	NS	120	40	100	590	81	530
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
Area of Concern 16																															
W-B-14	16	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
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	NA	<0.5 UJ	<0.5 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	NA	<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	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	<0.5 UJ	<0.5 UJ

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	200	NS	1500	12	330	41	590	43	NS	100	2200	24	NS	NS	100	NS	100	1800	NS	120	130	100	590	360	0.047
Construction Worker Tier-1 (a)			62	47	25	NS	200	NS	1500	12	330	41	590	43	NS	100	2200	24	NS	NS	100	NS	100	1800	NS	120	130	100	590	360	0.047
Ecological Receptor Tier-1 (a)			62	47	3.2	NS	99	NS	1500	12	620	1100	590	30	NS	100	1600	21	NS	NS	100	NS	100	180	NS	120	40	100	590	81	530
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	NA	<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	NA	<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	NA	<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	<1 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	<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	<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	<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	<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	<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 May 2008). Tier-1 ecological receptor screening level value is based on estuarine values in Table F Environmental Screening Levels (ESLs) Surface Water Bodies (RWQCB May 2008).
(b) Analyte analyzed by a second method.
(c) Analyzed by a second lab.

References
RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

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		Vinyl chloride	
Airport Worker Tier-1 (a)			3400		18000		11000		8000		13	
Construction Worker Tier-1 (a)			3400		18000		11000		8000		13	
Ecological Receptor Tier-1 (a)			1290		688		660		220000		21500	
Area of Concern 1												
ERM-B-1	1	4/15/2003	**39**		**3**		<1		<0.5		<0.5	
ERM-B-2	1	4/15/2003	**47**		**3**		<1		<0.5		<0.5	
ERM-MW-01	1	5/9/2003	**23**		**2**		**26**		<0.5		<0.5	
ERM-MW-01	1	11/6/2003	**16**	Q	**1**	Q	**16**	Q	<0.5	Q	<0.5	Q
ERM-MW-01	1	6/27/2006	**18**	J	**2**	J	<2	UJ	<0.5	UJ	<0.5	UJ
ERM-MW-01 (Dup)	1	6/27/2006	**18**	J	**2**	J	<2	UJ	<0.5	UJ	<0.5	UJ
ERM-MW-01D	1	5/9/2003	**22**		**2**		**17**		<0.5		<0.5	
ERM-MW-02	1	5/9/2003	**21**		**3**		<1		<0.5		<0.5	
ERM-MW-02	1	11/6/2003	**16**	Q	**3**	Q	<1	Q	<0.5	Q	<0.5	Q
ERM-MW-02	1	6/27/2006	**5.3**	J	<0.5	UJ	<2	UJ	**0.9**	J	<0.5	UJ
ERM-MW-03	1	5/9/2003	**6.8**		**1**		<1		<0.5		<0.5	
ERM-MW-03	1	11/6/2003	**16**	Q	**2**	Q	<1	Q	<0.5	Q	<0.5	Q
ERM-MW-03	1	6/27/2006	**18**	J	**1**	J	<2	UJ	<0.5	UJ	<0.5	UJ
ERM-MW-03D	1	11/6/2003	**16**	Q	**2**	Q	<1	Q	<0.5	Q	<0.5	Q
ERM-MW-04	1	5/9/2003	**12**		<0.5		<1		<0.5		<0.5	
ERM-MW-04	1	11/7/2003	**33**	Q	<0.5	Q	<1.2	Q	<1	Q	<0.5	Q
ERM-MW-04	1	6/27/2006	**15**	J	**3**	J	<2	UJ	<0.5	UJ	<0.5	UJ
ERM-MW-05	1	5/9/2003	**52**		**4**		<1		<0.5		**0.89**	
ERM-MW-05	1	11/7/2003	**36**	Q	**3**	Q	<1	Q	<0.5	Q	<0.5	Q
ERM-MW-05	1	6/27/2006	**10**	J	**1**	J	<2	UJ	<0.5	UJ	<0.5	UJ
ERM-MW-11	1	12/30/2003	**7.4**		**1**		<0.5		<0.5		<0.5	
ERM-MW-11	1	6/27/2006	**11**	J	<0.5	UJ	<2	UJ	<0.5	UJ	<0.5	UJ
ERM-MW-12	1	12/29/2003	<0.5		<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	<0.5	UJ
ERM-MW-13	1	12/29/2003	**9.9**		<0.5		<0.5		<0.5		<0.5	
ERM-MW-13	1	6/27/2006	**15**	J	<0.5	UJ	<2	UJ	<0.5	UJ	<0.5	UJ
ERM-MW-14	1	12/29/2003	**9.4**		<0.5		<0.5		<0.5		<0.5	
ERM-MW-14	1	6/27/2006	**10**	J	**0.8**	J	<2	UJ	<0.5	UJ	<0.5	UJ
ERM-MW-14 (Dup)	1	6/27/2006	**9.7**	J	**0.7**	J	<2	UJ	<0.5	UJ	<0.5	UJ
W-B-4	1	4/15/2003	**16**		**2.7**		<1		<0.5		<0.5	
W-B-5	1	4/15/2003	**38**		**4.4**		<1		<0.5		<0.5	
W-B-6	1	4/15/2003	**33**		**5**		<1		<0.5		<0.5	
Area of Concern 2												
ERM-B-3	2	4/15/2003	<0.5		<0.5		<1		<0.5		<0.5	
ERM-B-4	2	4/15/2003	<0.5		<0.5		<1		<0.5		<0.5	
ERM-B-5	2	4/15/2003	<5		<5		**28**	J	<5		<5	
ERM-B-6	2	4/15/2003	<5		<5		**36**	J	<5		<5	

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		Vinyl chloride	
Airport Worker Tier-1 (a)			3400		18000		11000		8000		13	
Construction Worker Tier-1 (a)			3400		18000		11000		8000		13	
Ecological Receptor Tier-1 (a)			1290		688		660		220000		21500	
ERM-B-7	2	4/15/2003	<0.5		<0.5		<1		<0.5		<0.5	
ERM-MW-06	2	5/9/2003	<0.5		<0.5		<1		<0.5		<0.5	
ERM-MW-06	2	11/6/2003	<0.5		<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	<0.5	UJ
ERM-MW-07	2	5/9/2003	<0.5		<0.5		<1		<0.5		<0.5	
ERM-MW-07	2	11/6/2003	<0.5		<0.5		<0.5		<0.5		<0.5	
ERM-MW-07	2	6/26/2006	<0.5		<0.5		<2		<0.5		<0.5	
ERM-MW-08	2	5/9/2003	<0.5		<0.5		<1		<0.5		<0.5	
ERM-MW-08	2	11/6/2003	<0.5		<0.5		<0.5		<0.5		<0.5	
ERM-MW-08	2	6/26/2006	<2.5		<2.5		<10		<2.5		<2.5	
ERM-MW-09	2	5/9/2003	<0.5		<0.5		**29**		<0.5		<0.5	
ERM-MW-09	2	11/6/2003	<0.5		<0.5		**9.8**		<0.5		<0.5	
ERM-MW-09	2	6/26/2006	<2.5		<2.5		**30**		<2.5		<2.5	
W-B-7	2	4/17/2003	<0.5		<0.5		<1		**1.9**		<0.5	
W-B-8	2	4/14/2003	<0.5	Q	<0.5	Q	<1	Q	<0.5	Q	<0.5	Q
W-B-8 (c)	2	4/14/2003	<0.5		<0.5		<1		<0.5		<0.5	
Area of Concern 3												
ERM-MW-10	3	5/9/2003	<0.5		<0.5		<1		<0.5		<0.5	
ERM-MW-10	3	11/6/2003	<0.5		<0.5		<0.5		<0.5		<0.5	
ERM-MW-10	3	6/26/2006	<0.5		<0.5		<2		<0.5		<0.5	
W-B-10	3	4/15/2003	<0.5		<0.5		<1		<0.5		<0.5	
W-B-11	3	4/15/2003	<0.5		<0.5		<1		<0.5		<0.5	
W-B-12	3	4/15/2003	<0.5		<0.5		<1		<0.5		<0.5	
Area of Concern 4												
ERM-B-8	4	4/16/2003	NA		NA		NA		<2		NA	
ERM-B-9	4	4/16/2003	NA		NA		NA		<2		NA	
Area of Concern 5												
ERM-B-10	5	4/17/2003	**0.61**		<0.5		<1		**110**		<0.5	
ERM-B-11	5	4/17/2003	**1.6**		<0.5		<1		**73**		<0.5	
W-B-1	5	4/14/2003	<2.5	Q	<2.5	Q	<2.5	Q	**120**	Q	<2.5	Q
W-B-2	5	4/14/2003	<0.5		<0.5		<1		**200**		<0.5	
W-B-2 (c)	5	4/14/2003	<2.5		<2.5		<2.5		**160**		<2.5	
W-B-3	5	4/15/2003	<0.5		<0.5		<1		**210**		<0.5	
W-B-3 (c)	5	4/15/2003	<2.5		<2.5		<2.5		**150**		<2.5	
Area of Concern 6												
ERM-B-27	6	4/17/2003	NA		NA		NA		NA		NA	
Area of Concern 7												
ERM-MW-17	7	12/30/2003	**3.7**		**3.9**		<0.5		<0.5		<0.5	

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		Vinyl chloride	
Airport Worker Tier-1 (a)			3400		18000		11000		8000		13	
Construction Worker Tier-1 (a)			3400		18000		11000		8000		13	
Ecological Receptor Tier-1 (a)			1290		688		660		220000		21500	
ERM-MW-17	7	6/26/2006	**23**		**21**		<2		<0.5		<0.5	
ERM-MW-17D	7	12/30/2003	**2.3**		**2.3**		<0.5		<0.5		<0.5	
W-B-16	7	4/17/2003	**0.75**		**0.55**		<1		<0.5		<0.5	
W-B-16 (c)	7	4/17/2003	**0.75**		**0.56**		<0.5		<0.5		<0.5	
W-B-16D	7	4/17/2003	**0.75**		**0.59**		<1		<0.5		<0.5	
W-B-17	7	4/17/2003	**54**		**59**		<1		<0.5		<0.5	
W-B-17 (c)	7	4/17/2003	**45**		**53**		<1.2		<1.2		<1.2	
Area of Concern 8												
ERM-B-12	8	4/17/2003	<0.5		<0.5		<1		<0.5		<0.5	
Area of Concern 9												
ERM-B-13	9	4/16/2003	<0.5		<0.5		<1		**1.7**		<0.5	
ERM-B-14	9	4/17/2003	<0.5		<0.5		<1		<0.5		<0.5	
ERM-B-14 (b)	9	4/17/2003	NA		NA		NA		NA		NA	
ERM-B-14D	9	4/17/2003	<0.5		<0.5		<1		<0.5		<0.5	
P-2/UAL-MW-05	9	6/27/2006	**0.6**		<0.5		<2		**2.5**		<0.5	
P-2/UAL-MW-5	9	4/18/2003	<0.5	Q	<0.5	Q	<1	Q	**1.7**	Q	<0.5	Q
P-2/UAL-MW-5	9	4/22/2003	<0.5	Q	<0.5	Q	<0.5	Q	**0.84**	Q	<0.5	Q
P-2/UAL-MW-5	9	11/6/2003	<0.5	Q	<0.5	Q	<1	Q	**0.99**	Q	<0.5	Q
W-B-22	9	4/18/2003	**0.8**		<0.5		<1		<0.5		<0.5	
W-B-22D	9	4/18/2003	**0.8**		<0.5		<1		<0.5		<0.5	
Area of Concern 11												
ERM-B-16	11	4/16/2003	NA		NA		NA		NA		NA	
ERM-B-17	11	4/16/2003	NA		NA		NA		NA		NA	
ERM-B-18	11	4/16/2003	NA		NA		NA		NA		NA	
ERM-B-19	11	4/16/2003	NA		NA		NA		NA		NA	
Area of Concern 12												
ERM-B-20	12	4/17/2003	NA		NA		NA		NA		NA	
ERM-B-21	12	4/17/2003	NA		NA		NA		NA		NA	
Area of Concern 14												
ERM-B-23	14	4/17/2003	<0.5		<0.5		<1		<0.5		<0.5	
W-B-32	14	4/16/2003	<0.5		<0.5		<1		<0.5		<0.5	
W-B-38	14	4/15/2003	<0.5		<0.5		<1		<0.5		<0.5	
W-B-38D	14	4/15/2003	<0.5		<0.5		<1		<0.5		<0.5	
Area of Concern 15												
ERM-B-24	15	4/15/2003	NA		NA		NA		NA		NA	
ERM-B-25	15	4/15/2003	NA		NA		NA		NA		NA	
ERM-B-26	15	4/16/2003	NA		NA		NA		NA		NA	
Area of Concern 16												

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		Vinyl chloride	
Airport Worker Tier-1 (a)			3400		18000		11000		8000		13	
Construction Worker Tier-1 (a)			3400		18000		11000		8000		13	
Ecological Receptor Tier-1 (a)			1290		688		660		220000		21500	
W-B-14	16	4/15/2003	NA		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	<0.5	UJ
P-1/UAL-MW-4	17	4/18/2003	**1.3**		<0.5		<1		**84**		<0.5	
P-1/UAL-MW-4	17	4/22/2003	<1.2	Q	<1.2	Q	<1.2	Q	**55**	Q	NA	
UAL-MW-01	17	6/27/2006	<0.5	UJ	<0.5	UJ	<2	UJ	<0.5	UJ	<0.5	UJ
UAL-MW-02	17	6/27/2006	<0.5	UJ	<0.5	UJ	<2	UJ	<0.5	UJ	<0.5	UJ
UAL-MW-03	17	6/27/2006	**1.5**	J	<0.5	UJ	<2	UJ	**7.6**	J	<0.5	UJ
UAL-MW-1	17	4/15/2003	<0.5	Q	<0.5	Q	<0.5	Q	**0.65**	Q	NA	
UAL-MW-1	17	4/18/2003	<0.5	Q	<0.5	Q	<1	Q	**2**	Q	<0.5	Q
UAL-MW-1	17	11/6/2003	NA		NA		NA		<0.5		NA	
UAL-MW-2	17	4/15/2003	**2.1**	Q	<0.5	Q	<0.5	Q	**22**	Q	NA	
UAL-MW-2	17	4/18/2003	**3.4**	Q	<0.5	Q	<1	Q	**38**	Q	<0.5	Q
UAL-MW-2	17	11/6/2003	NA		NA		NA		**21**		NA	
UAL-MW-3	17	4/15/2003	**3**	Q	<0.5	Q	<0.5	Q	**43**	Q	NA	
UAL-MW-3	17	4/18/2003	**4.9**	Q	<0.5	Q	<1	Q	**69**	Q	<0.5	Q
UAL-MW-3	17	11/7/2003	**3.7**	Q	<0.5	Q	<1.2	Q	**41**	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
W-B-19	18	4/18/2003	**0.59**	Q	<0.5	Q	<1	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
W-B-20	18	4/18/2003	<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
W-B-9	18	4/18/2003	<0.5		<0.5		<1		<0.5		<0.5	
W-B-9 (c)	18	4/18/2003	<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		<1		<0.5		<0.5	
W-B-29	19	4/16/2003	<0.5		<0.5		<1		<0.5		<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

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	Vinyl chloride
Airport Worker Tier-1 (a)			3400	18000	11000	8000	13
Construction Worker Tier-1 (a)			3400	18000	11000	8000	13
Ecological Receptor Tier-1 (a)			1290	688	660	220000	21500

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(RWQCB May 2008). Tier-2 Ecological receptor screening level value is based on estuarine values in Table F-4a Summary of Selected Aquatic Habitat Goals (RWQCB May 2008) multiplied by DAF of 27.5.

(b) Analyte analyzed by a second method.

(c) Analyzed by a second lab.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

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 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**
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

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
W-B-38	14	4/15/2003	<50 UJ	<50	<50	<5 UJ	<5	<5	<20	<5 UJ	NA	<50	NA	<20 UJ	<20	<5	<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	<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	<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 May 2008).
(b) Analyte analyzed by a second method.
(c) Analyzed by a second lab.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

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-1	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
		Ecological Receptor Tier-1 (a)	825	990	15	6.9	83	85	69	230	5.2	110	2200
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
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**

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-1	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
		Ecological Receptor Tier-1 (a)	825	990	15	6.9	83	85	69	230	5.2	110	2200
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**
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

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-1	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
		Ecological Receptor Tier-1 (a)	825	990	15	6.9	83	85	69	230	5.2	110	2200
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
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**

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-1	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
	Ecological Receptor Tier-1 (a)	825	990	15	6.9	83	85	69	230	5.2	110	2200

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 May 2008) multiplied by DAF of 27.5.

(b) Analyte analyzed by a second method.

(c) Analyzed by a second lab.

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
MF25/MF26								
MF25/MF26	S	TPH	TPH-d	90%	1.1	12000	0.98	0.99
MF25/MF26	S	TPH	TPH-g	29%	0.38	2000	0.23	0.25
MF25/MF26	S	TPH	TPH-Jet Fuel	73%	1.1	12000	0.98	9.9
MF25/MF26	S	TPH	TPH-mo	6%	69	690	49	5000
MF25/MF26	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,1-Dichloroethane	17%	0.0082	0.035	0.0046	9.9
MF25/MF26	S	VOC	1,1-Dichloroethene	12%	0.0052	0.033	0.0046	9.9
MF25/MF26	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,2,4-Trimethylbenzene	23%	0.0062	54	0.0046	0.024
MF25/MF26	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.0046	99
MF25/MF26	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,3,5-Trimethylbenzene	17%	0.034	18	0.0046	9.9
MF25/MF26	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	2-Butanone	0%	NA	NA	0.046	99
MF25/MF26	S	VOC	2-Chlorotoluene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	2-Hexanone	0%	NA	NA	0.046	99
MF25/MF26	S	VOC	4-Chlorotoluene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.046	99
MF25/MF26	S	VOC	Acetone	2%	0.4	0.4	0.046	99
MF25/MF26	S	VOC	Benzene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Bromobenzene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Bromochloromethane	0%	NA	NA	0.018	40
MF25/MF26	S	VOC	Bromodichloromethane	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Bromoform	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Bromomethane	0%	NA	NA	0.0091	20
MF25/MF26	S	VOC	Carbon disulfide	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Carbon tetrachloride	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Chlorobenzene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Chloroethane	0%	NA	NA	0.0091	20
MF25/MF26	S	VOC	Chloroform	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Chloromethane	0%	NA	NA	0.0091	20
MF25/MF26	S	VOC	cis-1,2-Dichloroethene	4%	0.0054	0.0099	0.0046	9.9
MF25/MF26	S	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Dibromochloromethane	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Dibromomethane	0%	NA	NA	0.0091	20
MF25/MF26	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.0091	20
MF25/MF26	S	VOC	Ethylbenzene	8%	0.029	9.7	0.0046	9.9
MF25/MF26	S	VOC	Freon 113	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Isopropylbenzene	6%	0.031	1.5	0.0046	9.9
MF25/MF26	S	VOC	Methylene Chloride	0%	NA	NA	0.0091	20
MF25/MF26	S	VOC	Naphthalene	19%	0.013	21	0.0091	20
MF25/MF26	S	VOC	n-Butylbenzene	21%	0.0056	17	0.0046	9.9
MF25/MF26	S	VOC	n-Propylbenzene	12%	0.093	7.3	0.0046	9.9
MF25/MF26	S	VOC	p-Isopropyltoluene	12%	0.085	6.2	0.0046	9.9
MF25/MF26	S	VOC	sec-Butylbenzene	12%	0.086	6.7	0.0046	9.9
MF25/MF26	S	VOC	Styrene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	tert-Butylbenzene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Tetrachloroethene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Toluene	2%	17	17	0.0046	9.9
MF25/MF26	S	VOC	Total Xylene	10%	0.12	50	0.0091	20
MF25/MF26	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.0046	9.9
MF25/MF26	S	VOC	Trichloroethene	2%	0.0057	0.0057	0.0046	9.9
MF25/MF26	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.0046	9.9

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
MF25/MF26	S	VOC	Vinyl acetate	0%	NA	NA	0.046	99
MF25/MF26	S	VOC	Vinyl chloride	0%	NA	NA	0.0046	9.9
MF25/MF26	W	TPH	TPH-d	71%	62	80000	50	50
MF25/MF26	W	TPH	TPH-g	53%	71	2700	50	50
MF25/MF26	W	TPH	TPH-Hydraulic Oil	25%	390	1300	300	300
MF25/MF26	W	TPH	TPH-Jet Fuel	47%	110	64000	50	51
MF25/MF26	W	TPH	TPH-mo	24%	140	33000	100	1000
MF25/MF26	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	1,1-Dichloroethane	72%	3.4	56	0.5	0.5
MF25/MF26	W	VOC	1,1-Dichloroethene	61%	1.7	87	0.5	0.5
MF25/MF26	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	1
MF25/MF26	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	1
MF25/MF26	W	VOC	1,2,4-Trimethylbenzene	33%	1.8	160	0.5	0.5
MF25/MF26	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	1	2.9
MF25/MF26	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	1,2-Dichloroethane	6%	2.5	2.5	0.5	0.7
MF25/MF26	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	1,3,5-Trimethylbenzene	28%	0.98	37	0.5	0.5
MF25/MF26	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	1
MF25/MF26	W	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	2-Butanone	0%	NA	NA	10	50
MF25/MF26	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	2-Hexanone	0%	NA	NA	10	50
MF25/MF26	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	4-Methyl-2-pentanone	0%	NA	NA	10	50
MF25/MF26	W	VOC	Acetone	0%	NA	NA	10	50
MF25/MF26	W	VOC	Benzene	50%	0.5	34	0.5	0.5
MF25/MF26	W	VOC	Bromobenzene	0%	NA	NA	0.5	1
MF25/MF26	W	VOC	Bromochloromethane	0%	NA	NA	0.5	1
MF25/MF26	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	Bromoform	0%	NA	NA	1	1.4
MF25/MF26	W	VOC	Bromomethane	0%	NA	NA	1	1.4
MF25/MF26	W	VOC	Carbon disulfide	0%	NA	NA	0.5	5
MF25/MF26	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	Chlorobenzene	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	Chloroethane	39%	1.4	8.3	1	1
MF25/MF26	W	VOC	Chloroform	0%	NA	NA	0.5	1
MF25/MF26	W	VOC	Chloromethane	0%	NA	NA	1	1.4
MF25/MF26	W	VOC	cis-1,2-Dichloroethene	61%	0.9	63	0.5	0.5
MF25/MF26	W	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	Dibromomethane	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	0.5
MF25/MF26	W	VOC	Ethyl tert-Butyl Ether (ETBE)	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	Ethylbenzene	39%	0.8	97	0.5	0.5
MF25/MF26	W	VOC	Freon 113	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	Freon 12	0%	NA	NA	1	1.4
MF25/MF26	W	VOC	Hexachlorobutadiene	0%	NA	NA	0.5	1
MF25/MF26	W	VOC	Isopropyl Ether (DIPE)	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	Isopropylbenzene	44%	0.56	24	0.5	0.5
MF25/MF26	W	VOC	m,p-Xylenes	22%	9	200	0.5	0.5
MF25/MF26	W	VOC	Methyl tert-Amyl Ether (TAME)	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	Methylene Chloride	0%	NA	NA	5	14
MF25/MF26	W	VOC	Naphthalene	33%	4.1	170	1	2
MF25/MF26	W	VOC	n-Butylbenzene	33%	0.8	13	0.5	1
MF25/MF26	W	VOC	n-Propylbenzene	39%	1.3	39	0.5	1
MF25/MF26	W	VOC	o-Xylene	22%	13	56	0.5	0.5
MF25/MF26	W	VOC	p-Isopropyltoluene	17%	2.7	8.4	0.5	1
MF25/MF26	W	VOC	sec-Butylbenzene	44%	1.3	12	0.5	1
MF25/MF26	W	VOC	Styrene	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	tert-Butyl Alcohol (TBA)	0%	NA	NA	10	14

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
MF25/MF26	W	VOC	tert-Butyl methyl ether	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	tert-Butylbenzene	17%	0.6	1.8	0.5	1
MF25/MF26	W	VOC	Tetrachloroethene	11%	0.9	1.1	0.5	0.7
MF25/MF26	W	VOC	Toluene	22%	0.73	26	0.5	0.5
MF25/MF26	W	VOC	Total Xylene	44%	3.4	24	1	1
MF25/MF26	W	VOC	trans-1,2-Dichloroethene	22%	1.1	2.8	0.5	0.7
MF25/MF26	W	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.5	0.7
MF25/MF26	W	VOC	Trichloroethene	50%	0.51	15	0.5	0.5
MF25/MF26	W	VOC	Trichlorofluoromethane	0%	NA	NA	1	1.4
MF25/MF26	W	VOC	Vinyl acetate	0%	NA	NA	10	14
MF25/MF26	W	VOC	Vinyl chloride	44%	0.79	1.4	0.5	0.5
All AOC (excluding MF25/MF26)								
All AOC (excluding MF25/MF26)	S	METAL	Antimony	3%	3.3	25	2.5	10
All AOC (excluding MF25/MF26)	S	METAL	Arsenic	55%	2.5	82	2.5	2.5
All AOC (excluding MF25/MF26)	S	METAL	Barium	100%	10	150	NA	NA
All AOC (excluding MF25/MF26)	S	METAL	Beryllium	0%	NA	NA	0.5	1
All AOC (excluding MF25/MF26)	S	METAL	Cadmium	21%	0.5	44	0.5	1
All AOC (excluding MF25/MF26)	S	METAL	Chromium	100%	11	190	NA	NA
All AOC (excluding MF25/MF26)	S	METAL	Cobalt	85%	2.5	12	4	4
All AOC (excluding MF25/MF26)	S	METAL	Copper	100%	2.3	4200	NA	NA
All AOC (excluding MF25/MF26)	S	METAL	Lead	39%	3	92	3	10
All AOC (excluding MF25/MF26)	S	METAL	Mercury	23%	0.022	0.52	0.017	0.06
All AOC (excluding MF25/MF26)	S	METAL	Molybdenum	5%	2.8	260	2	4
All AOC (excluding MF25/MF26)	S	METAL	Nickel	100%	14	340	NA	NA
All AOC (excluding MF25/MF26)	S	METAL	Selenium	0%	NA	NA	2.5	10
All AOC (excluding MF25/MF26)	S	METAL	Silver	2%	1	2.7	1	1
All AOC (excluding MF25/MF26)	S	METAL	Thallium	4%	55	200	0.42	2.5
All AOC (excluding MF25/MF26)	S	METAL	Vanadium	100%	7.6	54	NA	NA
All AOC (excluding MF25/MF26)	S	METAL	Zinc	100%	8.6	190	NA	NA
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1016	0%	NA	NA	0.033	0.033
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1221	0%	NA	NA	0.06	0.06
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1232	0%	NA	NA	0.033	0.033
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1242	0%	NA	NA	0.033	0.033
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1248	0%	NA	NA	0.033	0.033
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1254	0%	NA	NA	0.033	0.033
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1260	0%	NA	NA	0.033	0.033
All AOC (excluding MF25/MF26)	S	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	1,2-Dichlorobenzene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	1,3-Dichlorobenzene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	1,4-Dichlorobenzene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	2,4-Dichlorophenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	2,4-Dimethylphenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	2,4-Dinitrophenol	0%	NA	NA	10	10
All AOC (excluding MF25/MF26)	S	SVOC	2,4-Dinitrotoluene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	2,6-Dinitrotoluene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	2-Chloronaphthalene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	2-Chlorophenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	2-Methylnaphthalene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	2-Methylphenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	2-Nitroaniline	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	2-Nitrophenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	10	10
All AOC (excluding MF25/MF26)	S	SVOC	3-Nitroaniline	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	4-Chloroaniline	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	4-Methylphenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	4-Nitroaniline	0%	NA	NA	10	10
All AOC (excluding MF25/MF26)	S	SVOC	4-Nitrophenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Acenaphthene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Acenaphthylene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Aniline	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Anthracene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Azobenzene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Benzo(a)anthracene	0%	NA	NA	4	4

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
All AOC (excluding MF25/MF26)	S	SVOC	Benzo(a)pyrene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Benzo(b)fluoranthene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Benzo(k)fluoranthene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Benzoic acid	0%	NA	NA	10	10
All AOC (excluding MF25/MF26)	S	SVOC	Benzyl alcohol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	10	10
All AOC (excluding MF25/MF26)	S	SVOC	Butyl benzyl phthalate	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Carbazole	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Chrysene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Dibenzofuran	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Diethyl phthalate	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Dimethyl Phthalate	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	di-n-Butyl Phthalate	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	di-n-Octyl Phthalate	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Fluoranthene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Fluorene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Hexachlorobenzene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Hexachlorobutadiene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Hexachloroethane	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Isophorone	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Naphthalene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Nitrobenzene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	N-Nitrosodipropylamine	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Pentachlorophenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Phenanthrene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Phenol	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	SVOC	Pyrene	0%	NA	NA	4	4
All AOC (excluding MF25/MF26)	S	TPH	TPH-d	26%	1.1	1800	0.001	200
All AOC (excluding MF25/MF26)	S	TPH	TPH-d (sg)	63%	9.2	410	5	20
All AOC (excluding MF25/MF26)	S	TPH	TPH-g	10%	1.1	1000	0.001	1
All AOC (excluding MF25/MF26)	S	TPH	TPH-Jet Fuel	13%	1.1	1800	0.001	200
All AOC (excluding MF25/MF26)	S	TPH	TPH-mo	28%	6.2	2100	0.005	500
All AOC (excluding MF25/MF26)	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,1,1-Trichloroethane	2%	0.055	0.11	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
All AOC (excluding MF25/MF26)	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,2,4-Trimethylbenzene	5%	0.0059	2.1	0.005	0.005
All AOC (excluding MF25/MF26)	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,3,5-Trimethylbenzene	4%	0.0078	1.3	0.005	0.005
All AOC (excluding MF25/MF26)	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	2-Butanone	0%	NA	NA	0.01	0.2
All AOC (excluding MF25/MF26)	S	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	2-Hexanone	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Acetone	0%	NA	NA	0.025	0.1
All AOC (excluding MF25/MF26)	S	VOC	Benzene	0%	NA	NA	0.005	0.1

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
All AOC (excluding MF25/MF26)	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Bromoform	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Bromomethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Carbon disulfide	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Chloroethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Chloroform	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Chloromethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Ethylbenzene	1%	0.027	0.027	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Isopropylbenzene	2%	0.0085	0.048	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Methyl iodide	0%	NA	NA	0.005	0.2
All AOC (excluding MF25/MF26)	S	VOC	Methylene Chloride	1%	0.047	0.047	0.005	1.9
All AOC (excluding MF25/MF26)	S	VOC	Naphthalene	6%	0.006	0.28	0.005	0.005
All AOC (excluding MF25/MF26)	S	VOC	n-Butylbenzene	2%	0.0098	0.092	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	p-Isopropyltoluene	2%	0.012	0.19	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	sec-Butylbenzene	2%	0.0073	0.094	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Styrene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Tetrachloroethene	1%	0.074	0.074	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Toluene	1%	0.005	0.005	0.005	5
All AOC (excluding MF25/MF26)	S	VOC	Total Xylene	3%	0.026	0.35	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	S	VOC	Vinyl acetate	0%	NA	NA	0.025	1
All AOC (excluding MF25/MF26)	S	VOC	Vinyl chloride	0%	NA	NA	0.005	0.1
All AOC (excluding MF25/MF26)	W	GEN	Alkalinity	100%	670000	790000	NA	NA
All AOC (excluding MF25/MF26)	W	GEN	Chloride	100%	1100000	4100000	NA	NA
All AOC (excluding MF25/MF26)	W	GEN	Nitrate	17%	2000	2000	2000	2000
All AOC (excluding MF25/MF26)	W	GEN	Sulfate	100%	130000	650000	NA	NA
All AOC (excluding MF25/MF26)	W	GEN	TDS	100%	1300000	1.5E+07	NA	NA
All AOC (excluding MF25/MF26)	W	METAL	Antimony	4%	55	74	6	600
All AOC (excluding MF25/MF26)	W	METAL	Arsenic	13%	5.5	847	5	500
All AOC (excluding MF25/MF26)	W	METAL	Barium	76%	53	600	5	50
All AOC (excluding MF25/MF26)	W	METAL	Beryllium	8%	5.8	8.6	0.4	5
All AOC (excluding MF25/MF26)	W	METAL	Cadmium	4%	5.6	38	0.5	5
All AOC (excluding MF25/MF26)	W	METAL	Chromium	9%	7.5	52	2	20
All AOC (excluding MF25/MF26)	W	METAL	Cobalt	2%	20	20	5	50
All AOC (excluding MF25/MF26)	W	METAL	Copper	12%	5.4	220	5	50
All AOC (excluding MF25/MF26)	W	METAL	Iron	100%	490	6600	NA	NA
All AOC (excluding MF25/MF26)	W	METAL	Lead	7%	50	1900	3	50
All AOC (excluding MF25/MF26)	W	METAL	Manganese	100%	790	3600	NA	NA
All AOC (excluding MF25/MF26)	W	METAL	Mercury	0%	NA	NA	0.2	200
All AOC (excluding MF25/MF26)	W	METAL	Molybdenum	17%	22	130	5	50
All AOC (excluding MF25/MF26)	W	METAL	Nickel	58%	6	590	5	50
All AOC (excluding MF25/MF26)	W	METAL	Selenium	0%	NA	NA	50	500
All AOC (excluding MF25/MF26)	W	METAL	Silver	2%	5.8	5.8	1	10
All AOC (excluding MF25/MF26)	W	METAL	Thallium	3%	65	65	5	500
All AOC (excluding MF25/MF26)	W	METAL	Vanadium	0%	NA	NA	5	50
All AOC (excluding MF25/MF26)	W	METAL	Zinc	26%	5	790	5	50
All AOC (excluding MF25/MF26)	W	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	1,2-Dichlorobenzene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	1,3-Dichlorobenzene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	1,4-Dichlorobenzene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	10	110
All AOC (excluding MF25/MF26)	W	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	10	110
All AOC (excluding MF25/MF26)	W	SVOC	2,4-Dichlorophenol	0%	NA	NA	10	110

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
All AOC (excluding MF25/MF26)	W	SVOC	2,4-Dimethylphenol	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	2,4-Dinitrophenol	0%	NA	NA	20	220
All AOC (excluding MF25/MF26)	W	SVOC	2,4-Dinitrotoluene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	2,6-Dinitrotoluene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	2-Chloronaphthalene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	2-Chlorophenol	0%	NA	NA	10	110
All AOC (excluding MF25/MF26)	W	SVOC	2-Methylnaphthalene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	2-Methylphenol	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	2-Nitroaniline	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	2-Nitrophenol	0%	NA	NA	20	220
All AOC (excluding MF25/MF26)	W	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	10	110
All AOC (excluding MF25/MF26)	W	SVOC	3-Nitroaniline	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	20	220
All AOC (excluding MF25/MF26)	W	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	4-Chloroaniline	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	4-Methylphenol	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	4-Nitroaniline	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	4-Nitrophenol	0%	NA	NA	20	220
All AOC (excluding MF25/MF26)	W	SVOC	Acenaphthene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Acenaphthylene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Aniline	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Anthracene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Azobenzene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Benzo(a)anthracene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Benzo(a)pyrene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Benzo(b)fluoranthene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Benzo(k)fluoranthene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Benzoic acid	0%	NA	NA	20	220
All AOC (excluding MF25/MF26)	W	SVOC	Benzyl alcohol	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Butyl benzyl phthalate	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Carbazole	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Chrysene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Dibenzofuran	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Diethyl phthalate	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Dimethyl Phthalate	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	di-n-Butyl Phthalate	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	di-n-Octyl Phthalate	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Fluoranthene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Fluorene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Hexachlorobenzene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Hexachlorobutadiene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	20	220
All AOC (excluding MF25/MF26)	W	SVOC	Hexachloroethane	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Isophorone	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Naphthalene	0%	NA	NA	10	110
All AOC (excluding MF25/MF26)	W	SVOC	Nitrobenzene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	N-Nitrosodimethylamine	0%	NA	NA	5	50
All AOC (excluding MF25/MF26)	W	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	N-Nitrosodipropylamine	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Pentachlorophenol	0%	NA	NA	20	220
All AOC (excluding MF25/MF26)	W	SVOC	Phenanthrene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Phenol	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	SVOC	Pyrene	0%	NA	NA	5	56
All AOC (excluding MF25/MF26)	W	TPH	TPH-Bunker Oil	0%	NA	NA	100	1250
All AOC (excluding MF25/MF26)	W	TPH	TPH-Bunker Oil (sg)	0%	NA	NA	250	250
All AOC (excluding MF25/MF26)	W	TPH	TPH-d	67%	51	12000	50	500
All AOC (excluding MF25/MF26)	W	TPH	TPH-d (sg)	89%	69	5100	73.1	560
All AOC (excluding MF25/MF26)	W	TPH	TPH-g	12%	59	1700	50	500
All AOC (excluding MF25/MF26)	W	TPH	TPH-Gear Oil	0%	NA	NA	100	100
All AOC (excluding MF25/MF26)	W	TPH	TPH-Heat Oil	0%	NA	NA	250	1250

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
All AOC (excluding MF25/MF26)	W	TPH	TPH-Heat Oil (sg)	0%	NA	NA	250	250
All AOC (excluding MF25/MF26)	W	TPH	TPH-Hydraulic Oil	31%	330	1900	100	300
All AOC (excluding MF25/MF26)	W	TPH	TPH-Hydraulic Oil (sg)	0%	NA	NA	250	250
All AOC (excluding MF25/MF26)	W	TPH	TPH-J4	0%	NA	NA	100	100
All AOC (excluding MF25/MF26)	W	TPH	TPH-J5	0%	NA	NA	100	100
All AOC (excluding MF25/MF26)	W	TPH	TPH-J8	0%	NA	NA	100	100
All AOC (excluding MF25/MF26)	W	TPH	TPH-Jet Fuel	9%	210	820	50	250
All AOC (excluding MF25/MF26)	W	TPH	TPH-Jet Fuel (sg)	0%	NA	NA	50	50
All AOC (excluding MF25/MF26)	W	TPH	TPH-Kerosene	0%	NA	NA	50	100
All AOC (excluding MF25/MF26)	W	TPH	TPH-Kerosene (sg)	0%	NA	NA	50	250
All AOC (excluding MF25/MF26)	W	TPH	TPH-mo	22%	110	1100	100	300
All AOC (excluding MF25/MF26)	W	TPH	TPH-mo (sg)	0%	NA	NA	250	1250
All AOC (excluding MF25/MF26)	W	TPH	TPH-Other	0%	NA	NA	100	100
All AOC (excluding MF25/MF26)	W	TPH	TPH-Stoddard Solvent	0%	NA	NA	50	250
All AOC (excluding MF25/MF26)	W	TPH	TPH-Stoddard Solvent (sg)	0%	NA	NA	50	50
All AOC (excluding MF25/MF26)	W	TPH	TPH-Transformer Oil	0%	NA	NA	250	250
All AOC (excluding MF25/MF26)	W	TPH	TPH-Transformer Oil (sg)	0%	NA	NA	250	1250
All AOC (excluding MF25/MF26)	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,1,1-Trichloroethane	17%	0.8	14	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.5	10
All AOC (excluding MF25/MF26)	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,1-Dichloroethane	49%	0.5	54	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,1-Dichloroethene	28%	0.55	59	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	10
All AOC (excluding MF25/MF26)	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,2,4-Trimethylbenzene	9%	1.3	180	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.5	10
All AOC (excluding MF25/MF26)	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,2-Dichlorobenzene	2%	0.76	0.82	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,2-Dichloroethane	10%	0.56	5.2	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,3,5-Trimethylbenzene	7%	1.7	74	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	1,4-Dichlorobenzene	1%	1.3	1.3	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	2-Butanone	0%	NA	NA	1	50
All AOC (excluding MF25/MF26)	W	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	2-Hexanone	0%	NA	NA	0.5	50
All AOC (excluding MF25/MF26)	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.5	50
All AOC (excluding MF25/MF26)	W	VOC	Acetone	3%	80	80	5	50
All AOC (excluding MF25/MF26)	W	VOC	Benzene	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Bromobenzene	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Bromochloromethane	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Bromoform	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Bromomethane	0%	NA	NA	0.5	10
All AOC (excluding MF25/MF26)	W	VOC	Carbon disulfide	0%	NA	NA	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Chlorobenzene	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Chloroethane	1%	1.4	1.4	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Chloroform	1%	1.4	1.4	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Chloromethane	3%	0.51	0.52	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	cis-1,2-Dichloroethene	20%	0.68	46	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Dibromomethane	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Ethyl tert-Butyl Ether (ETBE)	0%	NA	NA	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	Ethylbenzene	2%	0.83	1.6	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Freon 113	0%	NA	NA	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	Freon 12	0%	NA	NA	1	5
All AOC (excluding MF25/MF26)	W	VOC	Hexachlorobutadiene	0%	NA	NA	0.5	10
All AOC (excluding MF25/MF26)	W	VOC	Isopropyl Ether (DIPE)	0%	NA	NA	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	Isopropylbenzene	4%	0.5	2.2	0.5	5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
All AOC (excluding MF25/MF26)	W	VOC	m,p-Xylenes	5%	4.9	4.9	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	Methyl iodide	0%	NA	NA	1	5
All AOC (excluding MF25/MF26)	W	VOC	Methyl tert-Amyl Ether (TAME)	0%	NA	NA	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	Methylene Chloride	3%	1.5	86	0.5	50
All AOC (excluding MF25/MF26)	W	VOC	Naphthalene	7%	9.8	36	0.5	10
All AOC (excluding MF25/MF26)	W	VOC	n-Butylbenzene	1%	4.9	4.9	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	n-Propylbenzene	4%	0.6	2.4	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	o-Xylene	5%	3.3	3.3	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	p-Isopropyltoluene	5%	0.74	6.6	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	sec-Butylbenzene	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Styrene	1%	0.73	0.73	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	tert-Butyl Alcohol (TBA)	0%	NA	NA	10	50
All AOC (excluding MF25/MF26)	W	VOC	tert-Butyl methyl ether	23%	0.65	210	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	tert-Butylbenzene	1%	1.2	1.2	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Tetrachloroethene	5%	0.74	2.2	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Toluene	5%	0.5	0.75	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Total Xylene	6%	1.5	21	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	trans-1,2-Dichloroethene	2%	0.75	0.83	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.5	2.5
All AOC (excluding MF25/MF26)	W	VOC	Trichloroethene	15%	0.6	56	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Trichlorofluoromethane	0%	NA	NA	0.5	5
All AOC (excluding MF25/MF26)	W	VOC	Vinyl acetate	0%	NA	NA	5	50
All AOC (excluding MF25/MF26)	W	VOC	Vinyl chloride	1%	0.89	0.89	0.5	5
Area of Concern 1								
1	S	METAL	Antimony	0%	NA	NA	2.5	10
1	S	METAL	Arsenic	100%	2.7	30	NA	NA
1	S	METAL	Barium	100%	13	120	NA	NA
1	S	METAL	Beryllium	0%	NA	NA	0.5	1
1	S	METAL	Cadmium	18%	0.66	0.86	0.5	1
1	S	METAL	Chromium	100%	15	70	NA	NA
1	S	METAL	Cobalt	73%	3.3	12	4	4
1	S	METAL	Copper	100%	2.9	38	NA	NA
1	S	METAL	Lead	27%	3.5	5.1	3	10
1	S	METAL	Mercury	9%	0.032	0.032	0.02	0.06
1	S	METAL	Molybdenum	0%	NA	NA	2	4
1	S	METAL	Nickel	100%	17	68	NA	NA
1	S	METAL	Selenium	0%	NA	NA	2.5	10
1	S	METAL	Silver	0%	NA	NA	1	1
1	S	METAL	Thallium	0%	NA	NA	2.5	2.5
1	S	METAL	Vanadium	100%	11	26	NA	NA
1	S	METAL	Zinc	100%	12	42	NA	NA
1	S	TPH	TPH-d	27%	4.1	71	1	5
1	S	TPH	TPH-g	18%	1.7	3.1	1	1
1	S	TPH	TPH-Jet Fuel	17%	1.8	1.8	1	50
1	S	TPH	TPH-mo	50%	31	810	5	5
1	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
1	S	VOC	1,1,1-Trichloroethane	18%	0.055	0.11	0.005	0.005
1	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
1	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.005
1	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.005
1	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
1	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.005
1	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.005
1	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.005
1	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.005
1	S	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.005	0.005
1	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.005	0.025
1	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.005
1	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.005
1	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.005
1	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.005
1	S	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.005	0.005
1	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.005
1	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.005
1	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.005
1	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.005
1	S	VOC	2-Butanone	0%	NA	NA	0.01	0.01
1	S	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.005	0.005
1	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.005

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

					Detected Concentrations		Non-Detect Concentrations	
AOC	Media	Category	Analyte	Detection Frequency	Min	Max	Min	Max
1	S	VOC	2-Hexanone	0%	NA	NA	0.005	0.005
1	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.005
1	S	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.005	0.005
1	S	VOC	Acetone	0%	NA	NA	0.05	0.05
1	S	VOC	Benzene	0%	NA	NA	0.005	0.005
1	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.005
1	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.005
1	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.005
1	S	VOC	Bromoform	0%	NA	NA	0.005	0.005
1	S	VOC	Bromomethane	0%	NA	NA	0.005	0.025
1	S	VOC	Carbon disulfide	0%	NA	NA	0.005	0.005
1	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.005
1	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.005
1	S	VOC	Chloroethane	0%	NA	NA	0.005	0.005
1	S	VOC	Chloroform	0%	NA	NA	0.005	0.025
1	S	VOC	Chloromethane	0%	NA	NA	0.005	0.025
1	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
1	S	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
1	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.005
1	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.005
1	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.005	0.025
1	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
1	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.005
1	S	VOC	Isopropylbenzene	0%	NA	NA	0.005	0.005
1	S	VOC	Methyl iodide	0%	NA	NA	0.01	0.01
1	S	VOC	Methylene Chloride	0%	NA	NA	0.005	0.025
1	S	VOC	Naphthalene	0%	NA	NA	0.005	0.005
1	S	VOC	n-Butylbenzene	0%	NA	NA	0.005	0.005
1	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.005
1	S	VOC	p-Isopropyltoluene	0%	NA	NA	0.005	0.005
1	S	VOC	sec-Butylbenzene	0%	NA	NA	0.005	0.005
1	S	VOC	Styrene	0%	NA	NA	0.005	0.005
1	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
1	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.005
1	S	VOC	Tetrachloroethene	9%	0.074	0.074	0.005	0.005
1	S	VOC	Toluene	0%	NA	NA	0.005	0.005
1	S	VOC	Total Xylene	9%	0.026	0.026	0.005	0.01
1	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
1	S	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
1	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.005
1	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.005	0.025
1	S	VOC	Vinyl acetate	0%	NA	NA	0.05	0.05
1	S	VOC	Vinyl chloride	0%	NA	NA	0.005	0.025
1	W	GEN	Alkalinity	100%	700000	730000	NA	NA
1	W	GEN	Chloride	100%	1100000	4100000	NA	NA
1	W	GEN	Nitrate	33%	2000	2000	2000	2000
1	W	GEN	Sulfate	100%	130000	650000	NA	NA
1	W	METAL	Antimony	0%	NA	NA	50	50
1	W	METAL	Arsenic	0%	NA	NA	50	50
1	W	METAL	Barium	100%	64	600	NA	NA
1	W	METAL	Beryllium	0%	NA	NA	5	5
1	W	METAL	Cadmium	0%	NA	NA	5	5
1	W	METAL	Chromium	0%	NA	NA	5	5
1	W	METAL	Cobalt	20%	20	20	20	20
1	W	METAL	Copper	0%	NA	NA	5	5
1	W	METAL	Iron	100%	490	6600	NA	NA
1	W	METAL	Lead	0%	NA	NA	50	50
1	W	METAL	Manganese	100%	790	3600	NA	NA
1	W	METAL	Mercury	0%	NA	NA	0.2	0.2
1	W	METAL	Molybdenum	0%	NA	NA	20	20
1	W	METAL	Nickel	86%	10	590	20	30
1	W	METAL	Selenium	0%	NA	NA	50	50
1	W	METAL	Silver	0%	NA	NA	5	5
1	W	METAL	Thallium	0%	NA	NA	5	50
1	W	METAL	Vanadium	0%	NA	NA	20	20
1	W	METAL	Zinc	20%	6.5	6.5	5	20
1	W	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	50	50
1	W	SVOC	1,2-Dichlorobenzene	0%	NA	NA	50	50
1	W	SVOC	1,3-Dichlorobenzene	0%	NA	NA	50	50

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations Min	Detected Concentrations Max	Non-Detect Concentrations Min	Non-Detect Concentrations Max
1	W	SVOC	1,4-Dichlorobenzene	0%	NA	NA	50	50
1	W	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	100	100
1	W	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	100	100
1	W	SVOC	2,4-Dichlorophenol	0%	NA	NA	100	100
1	W	SVOC	2,4-Dimethylphenol	0%	NA	NA	50	50
1	W	SVOC	2,4-Dinitrophenol	0%	NA	NA	200	200
1	W	SVOC	2,4-Dinitrotoluene	0%	NA	NA	50	50
1	W	SVOC	2,6-Dinitrotoluene	0%	NA	NA	50	50
1	W	SVOC	2-Chloronaphthalene	0%	NA	NA	50	50
1	W	SVOC	2-Chlorophenol	0%	NA	NA	100	100
1	W	SVOC	2-Methylnaphthalene	0%	NA	NA	50	50
1	W	SVOC	2-Methylphenol	0%	NA	NA	50	50
1	W	SVOC	2-Nitroaniline	0%	NA	NA	50	50
1	W	SVOC	2-Nitrophenol	0%	NA	NA	200	200
1	W	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	100	100
1	W	SVOC	3-Nitroaniline	0%	NA	NA	50	50
1	W	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	200	200
1	W	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	50	50
1	W	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	50	50
1	W	SVOC	4-Chloroaniline	0%	NA	NA	50	50
1	W	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	50	50
1	W	SVOC	4-Methylphenol	0%	NA	NA	50	50
1	W	SVOC	4-Nitroaniline	0%	NA	NA	50	50
1	W	SVOC	4-Nitrophenol	0%	NA	NA	200	200
1	W	SVOC	Acenaphthene	0%	NA	NA	50	50
1	W	SVOC	Acenaphthylene	0%	NA	NA	50	50
1	W	SVOC	Aniline	0%	NA	NA	50	50
1	W	SVOC	Anthracene	0%	NA	NA	50	50
1	W	SVOC	Azobenzene	0%	NA	NA	50	50
1	W	SVOC	Benzo(a)anthracene	0%	NA	NA	50	50
1	W	SVOC	Benzo(a)pyrene	0%	NA	NA	50	50
1	W	SVOC	Benzo(b)fluoranthene	0%	NA	NA	50	50
1	W	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	50	50
1	W	SVOC	Benzo(k)fluoranthene	0%	NA	NA	50	50
1	W	SVOC	Benzoic acid	0%	NA	NA	200	200
1	W	SVOC	Benzyl alcohol	0%	NA	NA	50	50
1	W	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	50	50
1	W	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	50	50
1	W	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	50	50
1	W	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	50	50
1	W	SVOC	Butyl benzyl phthalate	0%	NA	NA	50	50
1	W	SVOC	Carbazole	0%	NA	NA	50	50
1	W	SVOC	Chrysene	0%	NA	NA	50	50
1	W	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	50	50
1	W	SVOC	Dibenzofuran	0%	NA	NA	50	50
1	W	SVOC	Diethyl phthalate	0%	NA	NA	50	50
1	W	SVOC	Dimethyl Phthalate	0%	NA	NA	50	50
1	W	SVOC	di-n-Butyl Phthalate	0%	NA	NA	50	50
1	W	SVOC	di-n-Octyl Phthalate	0%	NA	NA	50	50
1	W	SVOC	Fluoranthene	0%	NA	NA	50	50
1	W	SVOC	Fluorene	0%	NA	NA	50	50
1	W	SVOC	Hexachlorobenzene	0%	NA	NA	50	50
1	W	SVOC	Hexachlorobutadiene	0%	NA	NA	50	50
1	W	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	200	200
1	W	SVOC	Hexachloroethane	0%	NA	NA	50	50
1	W	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	50	50
1	W	SVOC	Isophorone	0%	NA	NA	50	50
1	W	SVOC	Naphthalene	0%	NA	NA	100	100
1	W	SVOC	Nitrobenzene	0%	NA	NA	50	50
1	W	SVOC	N-Nitrosodimethylamine	0%	NA	NA	50	50
1	W	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	50	50
1	W	SVOC	N-Nitrosodipropylamine	0%	NA	NA	50	50
1	W	SVOC	Pentachlorophenol	0%	NA	NA	200	200
1	W	SVOC	Phenanthrene	0%	NA	NA	50	50
1	W	SVOC	Phenol	0%	NA	NA	50	50
1	W	SVOC	Pyrene	0%	NA	NA	50	50
1	W	TPH	TPH-d	80%	140	5500	500	500
1	W	TPH	TPH-d (sg)	75%	97	340	560	560
1	W	TPH	TPH-g	40%	71	110	50	50

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
1	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	1
1	W	VOC	1,1,1-Trichloroethane	44%	1	14	0.5	1
1	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.5	1
1	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	1
1	W	VOC	1,1-Dichloroethane	97%	0.5	52	0.5	0.5
1	W	VOC	1,1-Dichloroethene	72%	0.7	5	0.5	0.5
1	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	1
1	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	1
1	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	1
1	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	1
1	W	VOC	1,2,4-Trimethylbenzene	9%	1.5	6.9	0.5	1
1	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.5	2
1	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	1
1	W	VOC	1,2-Dichlorobenzene	6%	0.76	0.82	0.5	1
1	W	VOC	1,2-Dichloroethane	31%	0.56	5.2	0.5	0.5
1	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	1
1	W	VOC	1,3,5-Trimethylbenzene	9%	1.7	4.1	0.5	1
1	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	1
1	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	1
1	W	VOC	1,4-Dichlorobenzene	3%	1.3	1.3	0.5	0.5
1	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	1
1	W	VOC	2-Butanone	0%	NA	NA	10	10
1	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	1
1	W	VOC	2-Hexanone	0%	NA	NA	10	10
1	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	1
1	W	VOC	4-Methyl-2-pentanone	0%	NA	NA	10	10
1	W	VOC	Acetone	0%	NA	NA	10	10
1	W	VOC	Benzene	0%	NA	NA	0.5	0.5
1	W	VOC	Bromobenzene	0%	NA	NA	0.5	1
1	W	VOC	Bromochloromethane	0%	NA	NA	0.5	1
1	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	1
1	W	VOC	Bromoform	0%	NA	NA	0.5	1
1	W	VOC	Bromomethane	0%	NA	NA	0.5	1
1	W	VOC	Carbon disulfide	0%	NA	NA	0.5	0.5
1	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	1
1	W	VOC	Chlorobenzene	0%	NA	NA	0.5	1
1	W	VOC	Chloroethane	3%	1.4	1.4	0.5	1
1	W	VOC	Chloroform	3%	1.4	1.4	0.5	0.5
1	W	VOC	Chloromethane	0%	NA	NA	0.5	1
1	W	VOC	cis-1,2-Dichloroethene	56%	0.68	46	0.5	1
1	W	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.5	0.5
1	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	1
1	W	VOC	Dibromomethane	0%	NA	NA	0.5	1
1	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	1
1	W	VOC	Ethyl tert-Butyl Ether (ETBE)	0%	NA	NA	0.5	0.5
1	W	VOC	Ethylbenzene	6%	0.83	0.9	0.5	1
1	W	VOC	Freon 113	0%	NA	NA	0.5	0.5
1	W	VOC	Freon 12	0%	NA	NA	1	1
1	W	VOC	Hexachlorobutadiene	0%	NA	NA	0.5	1
1	W	VOC	Isopropyl Ether (DIPE)	0%	NA	NA	0.5	0.5
1	W	VOC	Isopropylbenzene	6%	0.5	0.54	0.5	1
1	W	VOC	m,p-Xylenes	0%	NA	NA	0.5	0.5
1	W	VOC	Methyl tert-Amyl Ether (TAME)	0%	NA	NA	0.5	0.5
1	W	VOC	Methylene Chloride	3%	1.5	1.5	1	10
1	W	VOC	Naphthalene	9%	16	26	0.5	2
1	W	VOC	n-Butylbenzene	0%	NA	NA	0.5	1
1	W	VOC	n-Propylbenzene	9%	0.6	1.1	0.5	1
1	W	VOC	o-Xylene	0%	NA	NA	0.5	0.5
1	W	VOC	p-Isopropyltoluene	9%	0.74	3.6	0.5	1
1	W	VOC	sec-Butylbenzene	0%	NA	NA	0.5	1
1	W	VOC	Styrene	3%	0.73	0.73	0.5	1
1	W	VOC	tert-Butyl Alcohol (TBA)	0%	NA	NA	10	10
1	W	VOC	tert-Butyl methyl ether	3%	0.9	0.9	0.5	1
1	W	VOC	tert-Butylbenzene	0%	NA	NA	0.5	1
1	W	VOC	Tetrachloroethene	16%	0.74	2.2	0.5	1
1	W	VOC	Toluene	9%	0.72	0.75	0.5	1
1	W	VOC	Total Xylene	10%	4.3	4.9	0.5	1
1	W	VOC	trans-1,2-Dichloroethene	6%	0.75	0.83	0.5	1
1	W	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.5	0.5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
1	W	VOC	Trichloroethene	44%	0.6	4.6	0.5	1
1	W	VOC	Trichlorofluoromethane	0%	NA	NA	0.5	1
1	W	VOC	Vinyl acetate	0%	NA	NA	10	10
1	W	VOC	Vinyl chloride	3%	0.89	0.89	0.5	0.5
Area of Concern 2								
2	S	METAL	Antimony	10%	3.5	3.5	2.5	10
2	S	METAL	Arsenic	90%	3	46	2.5	2.5
2	S	METAL	Barium	100%	21	140	NA	NA
2	S	METAL	Beryllium	0%	NA	NA	0.5	1
2	S	METAL	Cadmium	20%	3.5	6.4	0.5	1
2	S	METAL	Chromium	100%	13	39	NA	NA
2	S	METAL	Cobalt	50%	3.5	8.8	4	4
2	S	METAL	Copper	100%	4.6	160	NA	NA
2	S	METAL	Lead	50%	3.1	92	10	10
2	S	METAL	Mercury	30%	0.087	0.16	0.017	0.06
2	S	METAL	Molybdenum	20%	2.8	7.7	2	4
2	S	METAL	Nickel	100%	17	51	NA	NA
2	S	METAL	Selenium	0%	NA	NA	2.5	10
2	S	METAL	Silver	0%	NA	NA	1	1
2	S	METAL	Thallium	43%	55	200	2.5	2.5
2	S	METAL	Vanadium	100%	10	30	NA	NA
2	S	METAL	Zinc	100%	12	110	NA	NA
2	S	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	4	4
2	S	SVOC	1,2-Dichlorobenzene	0%	NA	NA	4	4
2	S	SVOC	1,3-Dichlorobenzene	0%	NA	NA	4	4
2	S	SVOC	1,4-Dichlorobenzene	0%	NA	NA	4	4
2	S	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	4	4
2	S	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	4	4
2	S	SVOC	2,4-Dichlorophenol	0%	NA	NA	4	4
2	S	SVOC	2,4-Dimethylphenol	0%	NA	NA	4	4
2	S	SVOC	2,4-Dinitrophenol	0%	NA	NA	10	10
2	S	SVOC	2,4-Dinitrotoluene	0%	NA	NA	4	4
2	S	SVOC	2,6-Dinitrotoluene	0%	NA	NA	4	4
2	S	SVOC	2-Chloronaphthalene	0%	NA	NA	4	4
2	S	SVOC	2-Chlorophenol	0%	NA	NA	4	4
2	S	SVOC	2-Methylnaphthalene	0%	NA	NA	4	4
2	S	SVOC	2-Methylphenol	0%	NA	NA	4	4
2	S	SVOC	2-Nitroaniline	0%	NA	NA	4	4
2	S	SVOC	2-Nitrophenol	0%	NA	NA	4	4
2	S	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	10	10
2	S	SVOC	3-Nitroaniline	0%	NA	NA	4	4
2	S	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	4	4
2	S	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	4	4
2	S	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	4	4
2	S	SVOC	4-Chloroaniline	0%	NA	NA	4	4
2	S	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	4	4
2	S	SVOC	4-Methylphenol	0%	NA	NA	4	4
2	S	SVOC	4-Nitroaniline	0%	NA	NA	10	10
2	S	SVOC	4-Nitrophenol	0%	NA	NA	4	4
2	S	SVOC	Acenaphthene	0%	NA	NA	4	4
2	S	SVOC	Acenaphthylene	0%	NA	NA	4	4
2	S	SVOC	Aniline	0%	NA	NA	4	4
2	S	SVOC	Anthracene	0%	NA	NA	4	4
2	S	SVOC	Azobenzene	0%	NA	NA	4	4
2	S	SVOC	Benzo(a)anthracene	0%	NA	NA	4	4
2	S	SVOC	Benzo(a)pyrene	0%	NA	NA	4	4
2	S	SVOC	Benzo(b)fluoranthene	0%	NA	NA	4	4
2	S	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	4	4
2	S	SVOC	Benzo(k)fluoranthene	0%	NA	NA	4	4
2	S	SVOC	Benzoic acid	0%	NA	NA	10	10
2	S	SVOC	Benzyl alcohol	0%	NA	NA	4	4
2	S	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	4	4
2	S	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	4	4
2	S	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	4	4
2	S	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	10	10
2	S	SVOC	Butyl benzyl phthalate	0%	NA	NA	4	4
2	S	SVOC	Carbazole	0%	NA	NA	4	4
2	S	SVOC	Chrysene	0%	NA	NA	4	4
2	S	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	4	4

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations Min	Detected Concentrations Max	Non-Detect Concentrations Min	Non-Detect Concentrations Max
2	S	SVOC	Dibenzofuran	0%	NA	NA	4	4
2	S	SVOC	Diethyl phthalate	0%	NA	NA	4	4
2	S	SVOC	Dimethyl Phthalate	0%	NA	NA	4	4
2	S	SVOC	di-n-Butyl Phthalate	0%	NA	NA	4	4
2	S	SVOC	di-n-Octyl Phthalate	0%	NA	NA	4	4
2	S	SVOC	Fluoranthene	0%	NA	NA	4	4
2	S	SVOC	Fluorene	0%	NA	NA	4	4
2	S	SVOC	Hexachlorobenzene	0%	NA	NA	4	4
2	S	SVOC	Hexachlorobutadiene	0%	NA	NA	4	4
2	S	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	4	4
2	S	SVOC	Hexachloroethane	0%	NA	NA	4	4
2	S	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	4	4
2	S	SVOC	Isophorone	0%	NA	NA	4	4
2	S	SVOC	Naphthalene	0%	NA	NA	4	4
2	S	SVOC	Nitrobenzene	0%	NA	NA	4	4
2	S	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	4	4
2	S	SVOC	N-Nitrosodipropylamine	0%	NA	NA	4	4
2	S	SVOC	Pentachlorophenol	0%	NA	NA	4	4
2	S	SVOC	Phenanthrene	0%	NA	NA	4	4
2	S	SVOC	Phenol	0%	NA	NA	4	4
2	S	SVOC	Pyrene	0%	NA	NA	4	4
2	S	TPH	TPH-d	70%	3.3	1800	5	100
2	S	TPH	TPH-d (sg)	75%	9.2	410	20	20
2	S	TPH	TPH-g	80%	1.1	1000	1	1
2	S	TPH	TPH-Jet Fuel	50%	2.3	1800	50	50
2	S	TPH	TPH-mo	50%	390	700	5	500
2	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.1
2	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.005	0.1
2	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.1
2	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.1
2	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.1
2	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
2	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.1
2	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.1
2	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.1
2	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.1
2	S	VOC	1,2,4-Trimethylbenzene	60%	0.0059	2.1	0.005	0.005
2	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.005	0.1
2	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.1
2	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.1
2	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.1
2	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.1
2	S	VOC	1,3,5-Trimethylbenzene	50%	0.0078	1.3	0.005	0.005
2	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.1
2	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.1
2	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.1
2	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.1
2	S	VOC	2-Butanone	0%	NA	NA	0.01	0.2
2	S	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.005	0.1
2	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.1
2	S	VOC	2-Hexanone	0%	NA	NA	0.005	0.1
2	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.1
2	S	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.005	0.1
2	S	VOC	Acetone	0%	NA	NA	0.05	0.1
2	S	VOC	Benzene	0%	NA	NA	0.005	0.1
2	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.1
2	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.1
2	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.1
2	S	VOC	Bromoform	0%	NA	NA	0.005	0.1
2	S	VOC	Bromomethane	0%	NA	NA	0.005	0.1
2	S	VOC	Carbon disulfide	0%	NA	NA	0.005	0.1
2	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.1
2	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.1
2	S	VOC	Chloroethane	0%	NA	NA	0.005	0.1
2	S	VOC	Chloroform	0%	NA	NA	0.005	0.1
2	S	VOC	Chloromethane	0%	NA	NA	0.005	0.1
2	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.1
2	S	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.005	0.1
2	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.1

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
2	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.1
2	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.005	0.1
2	S	VOC	Ethylbenzene	10%	0.027	0.027	0.005	0.1
2	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.1
2	S	VOC	Isopropylbenzene	20%	0.0085	0.048	0.005	0.1
2	S	VOC	Methyl iodide	0%	NA	NA	0.01	0.2
2	S	VOC	Methylene Chloride	0%	NA	NA	0.005	0.1
2	S	VOC	Naphthalene	60%	0.006	0.28	0.005	0.005
2	S	VOC	n-Butylbenzene	20%	0.0098	0.092	0.005	0.1
2	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.1
2	S	VOC	p-Isopropyltoluene	30%	0.012	0.19	0.005	0.1
2	S	VOC	sec-Butylbenzene	20%	0.0073	0.094	0.005	0.1
2	S	VOC	Styrene	0%	NA	NA	0.005	0.1
2	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.1
2	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.1
2	S	VOC	Tetrachloroethene	0%	NA	NA	0.005	0.1
2	S	VOC	Toluene	10%	0.005	0.005	0.005	0.1
2	S	VOC	Total Xylene	20%	0.03	0.35	0.005	0.1
2	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.1
2	S	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.005	0.1
2	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.1
2	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.005	0.1
2	S	VOC	Vinyl acetate	0%	NA	NA	0.05	1
2	S	VOC	Vinyl chloride	0%	NA	NA	0.005	0.1
2	W	METAL	Antimony	0%	NA	NA	50	60
2	W	METAL	Arsenic	0%	NA	NA	50	500
2	W	METAL	Barium	100%	130	440	NA	NA
2	W	METAL	Beryllium	0%	NA	NA	4	5
2	W	METAL	Cadmium	6%	5.6	5.6	5	5
2	W	METAL	Chromium	38%	7.5	52	5	5
2	W	METAL	Cobalt	0%	NA	NA	20	50
2	W	METAL	Copper	40%	5.4	94	5	10
2	W	METAL	Lead	13%	960	1900	3	50
2	W	METAL	Mercury	0%	NA	NA	0.2	0.8
2	W	METAL	Molybdenum	38%	28	120	20	50
2	W	METAL	Nickel	85%	6	260	20	30
2	W	METAL	Selenium	0%	NA	NA	50	500
2	W	METAL	Silver	0%	NA	NA	5	10
2	W	METAL	Thallium	0%	NA	NA	50	50
2	W	METAL	Vanadium	0%	NA	NA	20	50
2	W	METAL	Zinc	50%	6.6	790	5	20
2	W	TPH	TPH-Bunker Oil	0%	NA	NA	100	1250
2	W	TPH	TPH-Bunker Oil (sg)	0%	NA	NA	250	250
2	W	TPH	TPH-d	83%	83	12000	50	50
2	W	TPH	TPH-d (sg)	100%	79	4700	NA	NA
2	W	TPH	TPH-g	21%	77	1700	50	500
2	W	TPH	TPH-Gear Oil	0%	NA	NA	100	100
2	W	TPH	TPH-Heat Oil	0%	NA	NA	250	1250
2	W	TPH	TPH-Heat Oil (sg)	0%	NA	NA	250	250
2	W	TPH	TPH-Hydraulic Oil	36%	330	1900	100	300
2	W	TPH	TPH-Hydraulic Oil (sg)	0%	NA	NA	250	250
2	W	TPH	TPH-J4	0%	NA	NA	100	100
2	W	TPH	TPH-J5	0%	NA	NA	100	100
2	W	TPH	TPH-J8	0%	NA	NA	100	100
2	W	TPH	TPH-Jet Fuel	25%	210	820	50	250
2	W	TPH	TPH-Jet Fuel (sg)	0%	NA	NA	50	50
2	W	TPH	TPH-Kerosene	0%	NA	NA	50	100
2	W	TPH	TPH-Kerosene (sg)	0%	NA	NA	50	250
2	W	TPH	TPH-mo	33%	110	1100	100	300
2	W	TPH	TPH-mo (sg)	0%	NA	NA	250	1250
2	W	TPH	TPH-Other	0%	NA	NA	100	100
2	W	TPH	TPH-Stoddard Solvent	0%	NA	NA	50	250
2	W	TPH	TPH-Stoddard Solvent (sg)	0%	NA	NA	50	50
2	W	TPH	TPH-Transformer Oil	0%	NA	NA	250	250
2	W	TPH	TPH-Transformer Oil (sg)	0%	NA	NA	250	1250
2	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	5
2	W	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.5	5
2	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.5	10
2	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
2	W	VOC	1,1-Dichloroethane	0%	NA	NA	0.5	5
2	W	VOC	1,1-Dichloroethene	0%	NA	NA	0.5	5
2	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	5
2	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	5
2	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	10
2	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	5
2	W	VOC	1,2,4-Trimethylbenzene	37%	1.3	180	0.5	2.5
2	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.5	10
2	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	5
2	W	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.5	5
2	W	VOC	1,2-Dichloroethane	0%	NA	NA	0.5	5
2	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	5
2	W	VOC	1,3,5-Trimethylbenzene	25%	5.7	74	0.5	2.5
2	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	5
2	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	5
2	W	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.5	5
2	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	5
2	W	VOC	2-Butanone	0%	NA	NA	10	50
2	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	5
2	W	VOC	2-Hexanone	0%	NA	NA	10	50
2	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	5
2	W	VOC	4-Methyl-2-pentanone	0%	NA	NA	10	50
2	W	VOC	Acetone	25%	80	80	10	50
2	W	VOC	Benzene	0%	NA	NA	0.5	5
2	W	VOC	Bromobenzene	0%	NA	NA	0.5	5
2	W	VOC	Bromochloromethane	0%	NA	NA	0.5	5
2	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	5
2	W	VOC	Bromoform	0%	NA	NA	0.5	5
2	W	VOC	Bromomethane	0%	NA	NA	0.5	10
2	W	VOC	Carbon disulfide	0%	NA	NA	0.5	2.5
2	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	5
2	W	VOC	Chlorobenzene	0%	NA	NA	0.5	5
2	W	VOC	Chloroethane	0%	NA	NA	0.5	5
2	W	VOC	Chloroform	0%	NA	NA	0.5	5
2	W	VOC	Chloromethane	0%	NA	NA	0.5	5
2	W	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.5	5
2	W	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.5	2.5
2	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	5
2	W	VOC	Dibromomethane	0%	NA	NA	0.5	5
2	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	5
2	W	VOC	Ethyl tert-Butyl Ether (ETBE)	0%	NA	NA	0.5	2.5
2	W	VOC	Ethylbenzene	5%	1.6	1.6	0.5	5
2	W	VOC	Freon 113	0%	NA	NA	0.5	2.5
2	W	VOC	Freon 12	0%	NA	NA	1	5
2	W	VOC	Hexachlorobutadiene	0%	NA	NA	0.5	10
2	W	VOC	Isopropyl Ether (DIPE)	0%	NA	NA	0.5	2.5
2	W	VOC	Isopropylbenzene	10%	0.65	2.2	0.5	5
2	W	VOC	m,p-Xylenes	25%	4.9	4.9	0.5	2.5
2	W	VOC	Methyl tert-Amyl Ether (TAME)	0%	NA	NA	0.5	2.5
2	W	VOC	Methylene Chloride	10%	85	86	1	50
2	W	VOC	Naphthalene	25%	9.8	36	0.5	10
2	W	VOC	n-Butylbenzene	5%	4.9	4.9	0.5	5
2	W	VOC	n-Propylbenzene	5%	2.4	2.4	0.5	5
2	W	VOC	o-Xylene	25%	3.3	3.3	0.5	2.5
2	W	VOC	p-Isopropyltoluene	10%	4.2	6.6	0.5	5
2	W	VOC	sec-Butylbenzene	0%	NA	NA	0.5	5
2	W	VOC	Styrene	0%	NA	NA	0.5	5
2	W	VOC	tert-Butyl Alcohol (TBA)	0%	NA	NA	10	50
2	W	VOC	tert-Butyl methyl ether	5%	1.9	1.9	0.5	5
2	W	VOC	tert-Butylbenzene	5%	1.2	1.2	0.5	5
2	W	VOC	Tetrachloroethene	0%	NA	NA	0.5	5
2	W	VOC	Toluene	5%	0.61	0.61	0.5	5
2	W	VOC	Total Xylene	19%	14	21	0.5	0.5
2	W	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.5	5
2	W	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.5	2.5
2	W	VOC	Trichloroethene	0%	NA	NA	0.5	5
2	W	VOC	Trichlorofluoromethane	0%	NA	NA	0.5	5
2	W	VOC	Vinyl acetate	0%	NA	NA	10	50
2	W	VOC	Vinyl chloride	0%	NA	NA	0.5	5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations Min	Detected Concentrations Max	Non-Detect Concentrations Min	Non-Detect Concentrations Max
Area of Concern 3								
3	S	METAL	Antimony	25%	3.3	25	2.5	10
3	S	METAL	Arsenic	33%	12	33	2.5	2.5
3	S	METAL	Barium	100%	20	150	NA	NA
3	S	METAL	Beryllium	0%	NA	NA	0.5	1
3	S	METAL	Cadmium	33%	0.64	44	0.5	1
3	S	METAL	Chromium	100%	14	90	NA	NA
3	S	METAL	Cobalt	92%	2.6	6.2	4	4
3	S	METAL	Copper	100%	3.2	4200	NA	NA
3	S	METAL	Lead	50%	3	35	3	10
3	S	METAL	Mercury	8%	0.022	0.022	0.02	0.06
3	S	METAL	Molybdenum	25%	16	260	2	4
3	S	METAL	Nickel	100%	14	340	NA	NA
3	S	METAL	Selenium	0%	NA	NA	2.5	10
3	S	METAL	Silver	8%	2.7	2.7	1	1
3	S	METAL	Thallium	0%	NA	NA	2.5	2.5
3	S	METAL	Vanadium	100%	9.8	19	NA	NA
3	S	METAL	Zinc	100%	9.7	190	NA	NA
3	S	TPH	TPH-d	42%	1.1	140	1	5
3	S	TPH	TPH-d (sg)	100%	15	15	NA	NA
3	S	TPH	TPH-g	17%	1.7	3.3	1	1
3	S	TPH	TPH-Jet Fuel	33%	3.9	77	1	1
3	S	TPH	TPH-mo	33%	22	600	5	5
3	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
3	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.005	0.005
3	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
3	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.005
3	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.005
3	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
3	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.005
3	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.005
3	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.005
3	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.005
3	S	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.005	0.005
3	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.005	0.025
3	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.005
3	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.005
3	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.005
3	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.005
3	S	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.005	0.005
3	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.005
3	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.005
3	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.005
3	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.005
3	S	VOC	2-Butanone	0%	NA	NA	0.01	0.01
3	S	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.005	0.005
3	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.005
3	S	VOC	2-Hexanone	0%	NA	NA	0.005	0.005
3	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.005
3	S	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.005	0.005
3	S	VOC	Acetone	0%	NA	NA	0.05	0.05
3	S	VOC	Benzene	0%	NA	NA	0.005	0.005
3	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.005
3	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.005
3	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.005
3	S	VOC	Bromoform	0%	NA	NA	0.005	0.005
3	S	VOC	Bromomethane	0%	NA	NA	0.005	0.025
3	S	VOC	Carbon disulfide	0%	NA	NA	0.005	0.005
3	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.005
3	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.005
3	S	VOC	Chloroethane	0%	NA	NA	0.005	0.005
3	S	VOC	Chloroform	0%	NA	NA	0.005	0.025
3	S	VOC	Chloromethane	0%	NA	NA	0.005	0.025
3	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
3	S	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
3	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.005
3	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.005
3	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.005	0.025
3	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
3	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.005
3	S	VOC	Isopropylbenzene	0%	NA	NA	0.005	0.005
3	S	VOC	Methyl iodide	0%	NA	NA	0.01	0.01
3	S	VOC	Methylene Chloride	0%	NA	NA	0.005	1.9
3	S	VOC	Naphthalene	0%	NA	NA	0.005	0.005
3	S	VOC	n-Butylbenzene	0%	NA	NA	0.005	0.005
3	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.005
3	S	VOC	p-Isopropyltoluene	0%	NA	NA	0.005	0.005
3	S	VOC	sec-Butylbenzene	0%	NA	NA	0.005	0.005
3	S	VOC	Styrene	0%	NA	NA	0.005	0.005
3	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
3	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.005
3	S	VOC	Tetrachloroethene	0%	NA	NA	0.005	0.005
3	S	VOC	Toluene	0%	NA	NA	0.005	0.005
3	S	VOC	Total Xylene	8%	0.039	0.039	0.005	0.01
3	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
3	S	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
3	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.005
3	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.005	0.025
3	S	VOC	Vinyl acetate	0%	NA	NA	0.05	0.05
3	S	VOC	Vinyl chloride	0%	NA	NA	0.005	0.025
3	W	METAL	Antimony	0%	NA	NA	50	50
3	W	METAL	Arsenic	0%	NA	NA	50	50
3	W	METAL	Barium	67%	68	86	50	50
3	W	METAL	Beryllium	0%	NA	NA	5	5
3	W	METAL	Cadmium	20%	38	38	5	5
3	W	METAL	Chromium	0%	NA	NA	5	5
3	W	METAL	Cobalt	0%	NA	NA	20	20
3	W	METAL	Copper	20%	220	220	5	10
3	W	METAL	Lead	0%	NA	NA	3	50
3	W	METAL	Mercury	0%	NA	NA	0.2	0.2
3	W	METAL	Molybdenum	33%	85	85	20	20
3	W	METAL	Nickel	60%	26	82	20	20
3	W	METAL	Selenium	0%	NA	NA	50	50
3	W	METAL	Silver	0%	NA	NA	5	5
3	W	METAL	Thallium	0%	NA	NA	50	50
3	W	METAL	Vanadium	0%	NA	NA	20	20
3	W	METAL	Zinc	33%	36	36	20	20
3	W	TPH	TPH-Bunker Oil	0%	NA	NA	100	250
3	W	TPH	TPH-Bunker Oil (sg)	0%	NA	NA	250	250
3	W	TPH	TPH-d	83%	75	4100	50	50
3	W	TPH	TPH-d (sg)	100%	93	5100	NA	NA
3	W	TPH	TPH-g	0%	NA	NA	50	50
3	W	TPH	TPH-Gear Oil	0%	NA	NA	100	100
3	W	TPH	TPH-Heat Oil	0%	NA	NA	250	250
3	W	TPH	TPH-Heat Oil (sg)	0%	NA	NA	250	250
3	W	TPH	TPH-Hydraulic Oil	33%	620	620	100	300
3	W	TPH	TPH-Hydraulic Oil (sg)	0%	NA	NA	250	250
3	W	TPH	TPH-J4	0%	NA	NA	100	100
3	W	TPH	TPH-J5	0%	NA	NA	100	100
3	W	TPH	TPH-J8	0%	NA	NA	100	100
3	W	TPH	TPH-Jet Fuel	0%	NA	NA	50	100
3	W	TPH	TPH-Jet Fuel (sg)	0%	NA	NA	50	50
3	W	TPH	TPH-Kerosene	0%	NA	NA	50	100
3	W	TPH	TPH-Kerosene (sg)	0%	NA	NA	50	50
3	W	TPH	TPH-mo	33%	110	110	250	300
3	W	TPH	TPH-mo (sg)	0%	NA	NA	250	250
3	W	TPH	TPH-Other	0%	NA	NA	100	100
3	W	TPH	TPH-Stoddard Solvent	0%	NA	NA	50	50
3	W	TPH	TPH-Stoddard Solvent (sg)	0%	NA	NA	50	50
3	W	TPH	TPH-Transformer Oil	0%	NA	NA	250	250
3	W	TPH	TPH-Transformer Oil (sg)	0%	NA	NA	250	250
3	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	0.5
3	W	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.5	0.5
3	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.5	1
3	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	0.5
3	W	VOC	1,1-Dichloroethane	0%	NA	NA	0.5	0.5
3	W	VOC	1,1-Dichloroethene	0%	NA	NA	0.5	0.5
3	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	0.5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations Min	Detected Concentrations Max	Non-Detect Concentrations Min	Non-Detect Concentrations Max
3	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	0.5
3	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	0.5
3	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	0.5
3	W	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.5	0.5
3	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.5	2
3	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	0.5
3	W	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.5	0.5
3	W	VOC	1,2-Dichloroethane	0%	NA	NA	0.5	0.5
3	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	0.5
3	W	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.5	0.5
3	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	0.5
3	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	0.5
3	W	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.5	0.5
3	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	0.5
3	W	VOC	2-Butanone	0%	NA	NA	10	10
3	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	0.5
3	W	VOC	2-Hexanone	0%	NA	NA	10	10
3	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	0.5
3	W	VOC	4-Methyl-2-pentanone	0%	NA	NA	10	10
3	W	VOC	Acetone	0%	NA	NA	10	10
3	W	VOC	Benzene	0%	NA	NA	0.5	0.5
3	W	VOC	Bromobenzene	0%	NA	NA	0.5	0.5
3	W	VOC	Bromochloromethane	0%	NA	NA	0.5	0.5
3	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	0.5
3	W	VOC	Bromoform	0%	NA	NA	0.5	1
3	W	VOC	Bromomethane	0%	NA	NA	0.5	1
3	W	VOC	Carbon disulfide	0%	NA	NA	0.5	0.5
3	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	0.5
3	W	VOC	Chlorobenzene	0%	NA	NA	0.5	0.5
3	W	VOC	Chloroethane	0%	NA	NA	0.5	1
3	W	VOC	Chloroform	0%	NA	NA	0.5	0.5
3	W	VOC	Chloromethane	0%	NA	NA	0.5	1
3	W	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.5	0.5
3	W	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.5	0.5
3	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	0.5
3	W	VOC	Dibromomethane	0%	NA	NA	0.5	0.5
3	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	0.5
3	W	VOC	Ethyl tert-Butyl Ether (ETBE)	0%	NA	NA	0.5	0.5
3	W	VOC	Ethylbenzene	0%	NA	NA	0.5	0.5
3	W	VOC	Freon 113	0%	NA	NA	0.5	0.5
3	W	VOC	Freon 12	0%	NA	NA	1	1
3	W	VOC	Hexachlorobutadiene	0%	NA	NA	0.5	1
3	W	VOC	Isopropyl Ether (DIPE)	0%	NA	NA	0.5	0.5
3	W	VOC	Isopropylbenzene	0%	NA	NA	0.5	0.5
3	W	VOC	m,p-Xylenes	0%	NA	NA	0.5	0.5
3	W	VOC	Methyl tert-Amyl Ether (TAME)	0%	NA	NA	0.5	0.5
3	W	VOC	Methylene Chloride	0%	NA	NA	1	10
3	W	VOC	Naphthalene	0%	NA	NA	0.5	2
3	W	VOC	n-Butylbenzene	0%	NA	NA	0.5	0.5
3	W	VOC	n-Propylbenzene	0%	NA	NA	0.5	0.5
3	W	VOC	o-Xylene	0%	NA	NA	0.5	0.5
3	W	VOC	p-Isopropyltoluene	0%	NA	NA	0.5	0.5
3	W	VOC	sec-Butylbenzene	0%	NA	NA	0.5	0.5
3	W	VOC	Styrene	0%	NA	NA	0.5	0.5
3	W	VOC	tert-Butyl Alcohol (TBA)	0%	NA	NA	10	10
3	W	VOC	tert-Butyl methyl ether	0%	NA	NA	0.5	0.5
3	W	VOC	tert-Butylbenzene	0%	NA	NA	0.5	0.5
3	W	VOC	Tetrachloroethene	0%	NA	NA	0.5	0.5
3	W	VOC	Toluene	0%	NA	NA	0.5	0.5
3	W	VOC	Total Xylene	0%	NA	NA	0.5	0.5
3	W	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.5	0.5
3	W	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.5	0.5
3	W	VOC	Trichloroethene	0%	NA	NA	0.5	0.5
3	W	VOC	Trichlorofluoromethane	0%	NA	NA	0.5	1
3	W	VOC	Vinyl acetate	0%	NA	NA	10	10
3	W	VOC	Vinyl chloride	0%	NA	NA	0.5	0.5
Area of Concern 4								
4	S	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	4	4
4	S	SVOC	1,2-Dichlorobenzene	0%	NA	NA	4	4

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations Min	Detected Concentrations Max	Non-Detect Concentrations Min	Non-Detect Concentrations Max
4	S	SVOC	1,3-Dichlorobenzene	0%	NA	NA	4	4
4	S	SVOC	1,4-Dichlorobenzene	0%	NA	NA	4	4
4	S	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	4	4
4	S	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	4	4
4	S	SVOC	2,4-Dichlorophenol	0%	NA	NA	4	4
4	S	SVOC	2,4-Dimethylphenol	0%	NA	NA	4	4
4	S	SVOC	2,4-Dinitrophenol	0%	NA	NA	10	10
4	S	SVOC	2,4-Dinitrotoluene	0%	NA	NA	4	4
4	S	SVOC	2,6-Dinitrotoluene	0%	NA	NA	4	4
4	S	SVOC	2-Chloronaphthalene	0%	NA	NA	4	4
4	S	SVOC	2-Chlorophenol	0%	NA	NA	4	4
4	S	SVOC	2-Methylnaphthalene	0%	NA	NA	4	4
4	S	SVOC	2-Methylphenol	0%	NA	NA	4	4
4	S	SVOC	2-Nitroaniline	0%	NA	NA	4	4
4	S	SVOC	2-Nitrophenol	0%	NA	NA	4	4
4	S	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	10	10
4	S	SVOC	3-Nitroaniline	0%	NA	NA	4	4
4	S	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	4	4
4	S	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	4	4
4	S	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	4	4
4	S	SVOC	4-Chloroaniline	0%	NA	NA	4	4
4	S	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	4	4
4	S	SVOC	4-Methylphenol	0%	NA	NA	4	4
4	S	SVOC	4-Nitroaniline	0%	NA	NA	10	10
4	S	SVOC	4-Nitrophenol	0%	NA	NA	4	4
4	S	SVOC	Acenaphthene	0%	NA	NA	4	4
4	S	SVOC	Acenaphthylene	0%	NA	NA	4	4
4	S	SVOC	Aniline	0%	NA	NA	4	4
4	S	SVOC	Anthracene	0%	NA	NA	4	4
4	S	SVOC	Azobenzene	0%	NA	NA	4	4
4	S	SVOC	Benzo(a)anthracene	0%	NA	NA	4	4
4	S	SVOC	Benzo(a)pyrene	0%	NA	NA	4	4
4	S	SVOC	Benzo(b)fluoranthene	0%	NA	NA	4	4
4	S	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	4	4
4	S	SVOC	Benzo(k)fluoranthene	0%	NA	NA	4	4
4	S	SVOC	Benzoic acid	0%	NA	NA	10	10
4	S	SVOC	Benzyl alcohol	0%	NA	NA	4	4
4	S	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	4	4
4	S	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	4	4
4	S	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	4	4
4	S	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	10	10
4	S	SVOC	Butyl benzyl phthalate	0%	NA	NA	4	4
4	S	SVOC	Carbazole	0%	NA	NA	4	4
4	S	SVOC	Chrysene	0%	NA	NA	4	4
4	S	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	4	4
4	S	SVOC	Dibenzofuran	0%	NA	NA	4	4
4	S	SVOC	Diethyl phthalate	0%	NA	NA	4	4
4	S	SVOC	Dimethyl Phthalate	0%	NA	NA	4	4
4	S	SVOC	di-n-Butyl Phthalate	0%	NA	NA	4	4
4	S	SVOC	di-n-Octyl Phthalate	0%	NA	NA	4	4
4	S	SVOC	Fluoranthene	0%	NA	NA	4	4
4	S	SVOC	Fluorene	0%	NA	NA	4	4
4	S	SVOC	Hexachlorobenzene	0%	NA	NA	4	4
4	S	SVOC	Hexachlorobutadiene	0%	NA	NA	4	4
4	S	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	4	4
4	S	SVOC	Hexachloroethane	0%	NA	NA	4	4
4	S	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	4	4
4	S	SVOC	Isophorone	0%	NA	NA	4	4
4	S	SVOC	Naphthalene	0%	NA	NA	4	4
4	S	SVOC	Nitrobenzene	0%	NA	NA	4	4
4	S	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	4	4
4	S	SVOC	N-Nitrosodipropylamine	0%	NA	NA	4	4
4	S	SVOC	Pentachlorophenol	0%	NA	NA	4	4
4	S	SVOC	Phenanthrene	0%	NA	NA	4	4
4	S	SVOC	Phenol	0%	NA	NA	4	4
4	S	SVOC	Pyrene	0%	NA	NA	4	4
4	S	TPH	TPH-d	50%	200	200	5	5
4	S	TPH	TPH-d (sg)	0%	NA	NA	20	20
4	S	TPH	TPH-g	0%	NA	NA	0.1	0.1

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations Min	Detected Concentrations Max	Non-Detect Concentrations Min	Non-Detect Concentrations Max
4	S	VOC	Benzene	0%	NA	NA	0.005	0.005
4	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
4	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
4	S	VOC	Toluene	0%	NA	NA	0.005	0.005
4	S	VOC	Total Xylene	0%	NA	NA	0.005	0.005
4	W	TPH	TPH-d	100%	52	120	NA	NA
4	W	TPH	TPH-d (sg)	100%	72	150	NA	NA
4	W	TPH	TPH-g	0%	NA	NA	50	50
4	W	VOC	Benzene	0%	NA	NA	0.5	0.5
4	W	VOC	Ethylbenzene	0%	NA	NA	0.5	0.5
4	W	VOC	tert-Butyl methyl ether	0%	NA	NA	2	2
4	W	VOC	Toluene	0%	NA	NA	0.5	0.5
4	W	VOC	Total Xylene	0%	NA	NA	0.5	0.5
Area of Concern 5								
5	S	METAL	Antimony	0%	NA	NA	2.5	10
5	S	METAL	Arsenic	70%	2.6	24	2.5	2.5
5	S	METAL	Barium	100%	20	100	NA	NA
5	S	METAL	Beryllium	0%	NA	NA	0.5	1
5	S	METAL	Cadmium	0%	NA	NA	0.5	1
5	S	METAL	Chromium	100%	12	190	NA	NA
5	S	METAL	Cobalt	70%	4	7.5	4	4
5	S	METAL	Copper	100%	2.6	17	NA	NA
5	S	METAL	Lead	60%	3.1	5.4	10	10
5	S	METAL	Mercury	0%	NA	NA	0.018	0.06
5	S	METAL	Molybdenum	0%	NA	NA	2	4
5	S	METAL	Nickel	100%	15	120	NA	NA
5	S	METAL	Selenium	0%	NA	NA	2.5	10
5	S	METAL	Silver	0%	NA	NA	1	1
5	S	METAL	Thallium	0%	NA	NA	2.5	2.5
5	S	METAL	Vanadium	100%	8.9	20	NA	NA
5	S	METAL	Zinc	100%	11	43	NA	NA
5	S	PCB	Aroclor 1016	0%	NA	NA	0.033	0.033
5	S	PCB	Aroclor 1221	0%	NA	NA	0.06	0.06
5	S	PCB	Aroclor 1232	0%	NA	NA	0.033	0.033
5	S	PCB	Aroclor 1242	0%	NA	NA	0.033	0.033
5	S	PCB	Aroclor 1248	0%	NA	NA	0.033	0.033
5	S	PCB	Aroclor 1254	0%	NA	NA	0.033	0.033
5	S	PCB	Aroclor 1260	0%	NA	NA	0.033	0.033
5	S	TPH	TPH-d	21%	6.3	13	1	5
5	S	TPH	TPH-g	0%	NA	NA	1	1
5	S	TPH	TPH-Jet Fuel	0%	NA	NA	1	5
5	S	TPH	TPH-mo	33%	81	140	5	5
5	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
5	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.005	0.005
5	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
5	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.005
5	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.005
5	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
5	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.005
5	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.025
5	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.005
5	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.005
5	S	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.005	0.005
5	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.005	0.025
5	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.005
5	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.005
5	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.005
5	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.005
5	S	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.005	0.005
5	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.005
5	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.005
5	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.005
5	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.005
5	S	VOC	2-Butanone	0%	NA	NA	0.01	0.01
5	S	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.005	0.005
5	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.005
5	S	VOC	2-Hexanone	0%	NA	NA	0.005	0.005
5	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.005
5	S	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.005	0.005

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
5	S	VOC	Acetone	0%	NA	NA	0.025	0.05
5	S	VOC	Benzene	0%	NA	NA	0.005	0.005
5	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.005
5	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.005
5	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.005
5	S	VOC	Bromoform	0%	NA	NA	0.005	0.005
5	S	VOC	Bromomethane	0%	NA	NA	0.005	0.025
5	S	VOC	Carbon disulfide	0%	NA	NA	0.005	0.005
5	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.005
5	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.005
5	S	VOC	Chloroethane	0%	NA	NA	0.005	0.005
5	S	VOC	Chloroform	0%	NA	NA	0.005	0.025
5	S	VOC	Chloromethane	0%	NA	NA	0.005	0.025
5	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
5	S	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
5	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.005
5	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.005
5	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.005	0.025
5	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
5	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.005
5	S	VOC	Isopropylbenzene	0%	NA	NA	0.005	0.005
5	S	VOC	Methyl iodide	0%	NA	NA	0.005	0.01
5	S	VOC	Methylene Chloride	0%	NA	NA	0.005	0.025
5	S	VOC	Naphthalene	0%	NA	NA	0.005	0.005
5	S	VOC	n-Butylbenzene	0%	NA	NA	0.005	0.005
5	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.005
5	S	VOC	p-Isopropyltoluene	0%	NA	NA	0.005	0.005
5	S	VOC	sec-Butylbenzene	0%	NA	NA	0.005	0.005
5	S	VOC	Styrene	0%	NA	NA	0.005	0.005
5	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
5	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.005
5	S	VOC	Tetrachloroethene	0%	NA	NA	0.005	0.005
5	S	VOC	Toluene	0%	NA	NA	0.005	5
5	S	VOC	Total Xylene	0%	NA	NA	0.005	0.01
5	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
5	S	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
5	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.005
5	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.005	0.025
5	S	VOC	Vinyl acetate	0%	NA	NA	0.025	0.05
5	S	VOC	Vinyl chloride	0%	NA	NA	0.005	0.025
5	W	METAL	Antimony	29%	55	74	50	60
5	W	METAL	Arsenic	0%	NA	NA	5	50
5	W	METAL	Barium	86%	54	120	50	50
5	W	METAL	Beryllium	29%	6.1	8.6	4	5
5	W	METAL	Cadmium	0%	NA	NA	5	5
5	W	METAL	Chromium	14%	40	40	5	20
5	W	METAL	Cobalt	0%	NA	NA	20	50
5	W	METAL	Copper	0%	NA	NA	5	50
5	W	METAL	Lead	0%	NA	NA	50	50
5	W	METAL	Mercury	0%	NA	NA	0.2	0.8
5	W	METAL	Molybdenum	0%	NA	NA	20	50
5	W	METAL	Nickel	14%	60	60	20	50
5	W	METAL	Selenium	0%	NA	NA	50	50
5	W	METAL	Silver	0%	NA	NA	5	10
5	W	METAL	Thallium	0%	NA	NA	50	50
5	W	METAL	Vanadium	0%	NA	NA	20	50
5	W	METAL	Zinc	14%	6.3	6.3	20	50
5	W	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	5	5
5	W	SVOC	1,2-Dichlorobenzene	0%	NA	NA	5	5
5	W	SVOC	1,3-Dichlorobenzene	0%	NA	NA	5	5
5	W	SVOC	1,4-Dichlorobenzene	0%	NA	NA	5	5
5	W	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	10	10
5	W	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	10	10
5	W	SVOC	2,4-Dichlorophenol	0%	NA	NA	10	10
5	W	SVOC	2,4-Dimethylphenol	0%	NA	NA	5	5
5	W	SVOC	2,4-Dinitrophenol	0%	NA	NA	20	20
5	W	SVOC	2,4-Dinitrotoluene	0%	NA	NA	5	5
5	W	SVOC	2,6-Dinitrotoluene	0%	NA	NA	5	5
5	W	SVOC	2-Chloronaphthalene	0%	NA	NA	5	5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
5	W	SVOC	2-Chlorophenol	0%	NA	NA	10	10
5	W	SVOC	2-Methylnaphthalene	0%	NA	NA	5	5
5	W	SVOC	2-Methylphenol	0%	NA	NA	5	5
5	W	SVOC	2-Nitroaniline	0%	NA	NA	5	5
5	W	SVOC	2-Nitrophenol	0%	NA	NA	20	20
5	W	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	10	10
5	W	SVOC	3-Nitroaniline	0%	NA	NA	5	5
5	W	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	20	20
5	W	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	5	5
5	W	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	5	5
5	W	SVOC	4-Chloroaniline	0%	NA	NA	5	5
5	W	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	5	5
5	W	SVOC	4-Methylphenol	0%	NA	NA	5	5
5	W	SVOC	4-Nitroaniline	0%	NA	NA	5	5
5	W	SVOC	4-Nitrophenol	0%	NA	NA	20	20
5	W	SVOC	Acenaphthene	0%	NA	NA	5	5
5	W	SVOC	Acenaphthylene	0%	NA	NA	5	5
5	W	SVOC	Aniline	0%	NA	NA	5	5
5	W	SVOC	Anthracene	0%	NA	NA	5	5
5	W	SVOC	Azobenzene	0%	NA	NA	5	5
5	W	SVOC	Benzo(a)anthracene	0%	NA	NA	5	5
5	W	SVOC	Benzo(a)pyrene	0%	NA	NA	5	5
5	W	SVOC	Benzo(b)fluoranthene	0%	NA	NA	5	5
5	W	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	5	5
5	W	SVOC	Benzo(k)fluoranthene	0%	NA	NA	5	5
5	W	SVOC	Benzoic acid	0%	NA	NA	20	20
5	W	SVOC	Benzyl alcohol	0%	NA	NA	5	5
5	W	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	5	5
5	W	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	5	5
5	W	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	5	5
5	W	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	5	5
5	W	SVOC	Butyl benzyl phthalate	0%	NA	NA	5	5
5	W	SVOC	Carbazole	0%	NA	NA	5	5
5	W	SVOC	Chrysene	0%	NA	NA	5	5
5	W	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	5	5
5	W	SVOC	Dibenzofuran	0%	NA	NA	5	5
5	W	SVOC	Diethyl phthalate	0%	NA	NA	5	5
5	W	SVOC	Dimethyl Phthalate	0%	NA	NA	5	5
5	W	SVOC	di-n-Butyl Phthalate	0%	NA	NA	5	5
5	W	SVOC	di-n-Octyl Phthalate	0%	NA	NA	5	5
5	W	SVOC	Fluoranthene	0%	NA	NA	5	5
5	W	SVOC	Fluorene	0%	NA	NA	5	5
5	W	SVOC	Hexachlorobenzene	0%	NA	NA	5	5
5	W	SVOC	Hexachlorobutadiene	0%	NA	NA	5	5
5	W	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	20	20
5	W	SVOC	Hexachloroethane	0%	NA	NA	5	5
5	W	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	5	5
5	W	SVOC	Isophorone	0%	NA	NA	5	5
5	W	SVOC	Naphthalene	0%	NA	NA	10	10
5	W	SVOC	Nitrobenzene	0%	NA	NA	5	5
5	W	SVOC	N-Nitrosodimethylamine	0%	NA	NA	5	5
5	W	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	5	5
5	W	SVOC	N-Nitrosodipropylamine	0%	NA	NA	5	5
5	W	SVOC	Pentachlorophenol	0%	NA	NA	20	20
5	W	SVOC	Phenanthrene	0%	NA	NA	5	5
5	W	SVOC	Phenol	0%	NA	NA	5	5
5	W	SVOC	Pyrene	0%	NA	NA	5	5
5	W	TPH	TPH-d	86%	96	200	50	50
5	W	TPH	TPH-d (sg)	25%	88	88	73.1	78.9
5	W	TPH	TPH-g	43%	59	90	50	50
5	W	TPH	TPH-Jet Fuel	0%	NA	NA	50	50
5	W	TPH	TPH-mo	67%	540	650	250	250
5	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	2.5
5	W	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.5	2.5
5	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	1	2.5
5	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	2.5
5	W	VOC	1,1-Dichloroethane	29%	0.61	1.6	0.5	2.5
5	W	VOC	1,1-Dichloroethene	0%	NA	NA	0.5	2.5
5	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	2.5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
5	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	2.5
5	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	2.5
5	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	2.5
5	W	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.5	2.5
5	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	1	2.5
5	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	2.5
5	W	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.5	2.5
5	W	VOC	1,2-Dichloroethane	0%	NA	NA	0.5	2.5
5	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	2.5
5	W	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.5	2.5
5	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	2.5
5	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	2.5
5	W	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.5	2.5
5	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	2.5
5	W	VOC	2-Butanone	0%	NA	NA	5	5
5	W	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	2.5	2.5
5	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	2.5
5	W	VOC	2-Hexanone	0%	NA	NA	2.5	2.5
5	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	2.5
5	W	VOC	4-Methyl-2-pentanone	0%	NA	NA	2.5	2.5
5	W	VOC	Acetone	0%	NA	NA	25	25
5	W	VOC	Benzene	0%	NA	NA	0.5	2.5
5	W	VOC	Bromobenzene	0%	NA	NA	0.5	2.5
5	W	VOC	Bromochloromethane	0%	NA	NA	0.5	2.5
5	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	2.5
5	W	VOC	Bromoform	0%	NA	NA	0.5	2.5
5	W	VOC	Bromomethane	0%	NA	NA	1	2.5
5	W	VOC	Carbon disulfide	0%	NA	NA	2.5	2.5
5	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	2.5
5	W	VOC	Chlorobenzene	0%	NA	NA	0.5	2.5
5	W	VOC	Chloroethane	0%	NA	NA	0.5	2.5
5	W	VOC	Chloroform	0%	NA	NA	0.5	2.5
5	W	VOC	Chloromethane	0%	NA	NA	0.5	2.5
5	W	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.5	2.5
5	W	VOC	cis-1,3-Dichloropropene	0%	NA	NA	2.5	2.5
5	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	2.5
5	W	VOC	Dibromomethane	0%	NA	NA	0.5	2.5
5	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	2.5
5	W	VOC	Ethylbenzene	0%	NA	NA	0.5	2.5
5	W	VOC	Hexachlorobutadiene	0%	NA	NA	1	2.5
5	W	VOC	Isopropylbenzene	0%	NA	NA	0.5	2.5
5	W	VOC	Methyl iodide	0%	NA	NA	5	5
5	W	VOC	Methylene Chloride	0%	NA	NA	1	2.5
5	W	VOC	Naphthalene	0%	NA	NA	1	2.5
5	W	VOC	n-Butylbenzene	0%	NA	NA	0.5	2.5
5	W	VOC	n-Propylbenzene	0%	NA	NA	0.5	2.5
5	W	VOC	p-Isopropyltoluene	0%	NA	NA	0.5	2.5
5	W	VOC	sec-Butylbenzene	0%	NA	NA	0.5	2.5
5	W	VOC	Styrene	0%	NA	NA	0.5	2.5
5	W	VOC	tert-Butyl methyl ether	100%	73	210	NA	NA
5	W	VOC	tert-Butylbenzene	0%	NA	NA	0.5	2.5
5	W	VOC	Tetrachloroethene	0%	NA	NA	0.5	2.5
5	W	VOC	Toluene	0%	NA	NA	0.5	2.5
5	W	VOC	Total Xylene	0%	NA	NA	0.5	2.5
5	W	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.5	2.5
5	W	VOC	trans-1,3-Dichloropropene	0%	NA	NA	2.5	2.5
5	W	VOC	Trichloroethene	0%	NA	NA	0.5	2.5
5	W	VOC	Trichlorofluoromethane	0%	NA	NA	0.5	2.5
5	W	VOC	Vinyl acetate	0%	NA	NA	25	25
5	W	VOC	Vinyl chloride	0%	NA	NA	0.5	2.5
Area of Concern 6								
6	S	TPH	TPH-d	0%	NA	NA	5	5
6	S	VOC	Benzene	0%	NA	NA	0.005	0.005
6	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
6	S	VOC	Toluene	0%	NA	NA	0.005	0.005
6	S	VOC	Total Xylene	0%	NA	NA	0.005	0.005
6	W	GEN	TDS	100%	1300000	1300000	NA	NA
6	W	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	5	5
6	W	SVOC	1,2-Dichlorobenzene	0%	NA	NA	5	5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations Min	Detected Concentrations Max	Non-Detect Concentrations Min	Non-Detect Concentrations Max
6	W	SVOC	1,3-Dichlorobenzene	0%	NA	NA	5	5
6	W	SVOC	1,4-Dichlorobenzene	0%	NA	NA	5	5
6	W	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	10	10
6	W	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	10	10
6	W	SVOC	2,4-Dichlorophenol	0%	NA	NA	10	10
6	W	SVOC	2,4-Dimethylphenol	0%	NA	NA	5	5
6	W	SVOC	2,4-Dinitrophenol	0%	NA	NA	20	20
6	W	SVOC	2,4-Dinitrotoluene	0%	NA	NA	5	5
6	W	SVOC	2,6-Dinitrotoluene	0%	NA	NA	5	5
6	W	SVOC	2-Chloronaphthalene	0%	NA	NA	5	5
6	W	SVOC	2-Chlorophenol	0%	NA	NA	10	10
6	W	SVOC	2-Methylnaphthalene	0%	NA	NA	5	5
6	W	SVOC	2-Methylphenol	0%	NA	NA	5	5
6	W	SVOC	2-Nitroaniline	0%	NA	NA	5	5
6	W	SVOC	2-Nitrophenol	0%	NA	NA	20	20
6	W	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	10	10
6	W	SVOC	3-Nitroaniline	0%	NA	NA	5	5
6	W	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	20	20
6	W	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	5	5
6	W	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	5	5
6	W	SVOC	4-Chloroaniline	0%	NA	NA	5	5
6	W	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	5	5
6	W	SVOC	4-Methylphenol	0%	NA	NA	5	5
6	W	SVOC	4-Nitroaniline	0%	NA	NA	5	5
6	W	SVOC	4-Nitrophenol	0%	NA	NA	20	20
6	W	SVOC	Acenaphthene	0%	NA	NA	5	5
6	W	SVOC	Acenaphthylene	0%	NA	NA	5	5
6	W	SVOC	Aniline	0%	NA	NA	5	5
6	W	SVOC	Anthracene	0%	NA	NA	5	5
6	W	SVOC	Azobenzene	0%	NA	NA	5	5
6	W	SVOC	Benzo(a)anthracene	0%	NA	NA	5	5
6	W	SVOC	Benzo(a)pyrene	0%	NA	NA	5	5
6	W	SVOC	Benzo(b)fluoranthene	0%	NA	NA	5	5
6	W	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	5	5
6	W	SVOC	Benzo(k)fluoranthene	0%	NA	NA	5	5
6	W	SVOC	Benzoic acid	0%	NA	NA	20	20
6	W	SVOC	Benzyl alcohol	0%	NA	NA	5	5
6	W	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	5	5
6	W	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	5	5
6	W	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	5	5
6	W	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	5	5
6	W	SVOC	Butyl benzyl phthalate	0%	NA	NA	5	5
6	W	SVOC	Carbazole	0%	NA	NA	5	5
6	W	SVOC	Chrysene	0%	NA	NA	5	5
6	W	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	5	5
6	W	SVOC	Dibenzofuran	0%	NA	NA	5	5
6	W	SVOC	Diethyl phthalate	0%	NA	NA	5	5
6	W	SVOC	Dimethyl Phthalate	0%	NA	NA	5	5
6	W	SVOC	di-n-Butyl Phthalate	0%	NA	NA	5	5
6	W	SVOC	di-n-Octyl Phthalate	0%	NA	NA	5	5
6	W	SVOC	Fluoranthene	0%	NA	NA	5	5
6	W	SVOC	Fluorene	0%	NA	NA	5	5
6	W	SVOC	Hexachlorobenzene	0%	NA	NA	5	5
6	W	SVOC	Hexachlorobutadiene	0%	NA	NA	5	5
6	W	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	20	20
6	W	SVOC	Hexachloroethane	0%	NA	NA	5	5
6	W	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	5	5
6	W	SVOC	Isophorone	0%	NA	NA	5	5
6	W	SVOC	Naphthalene	0%	NA	NA	10	10
6	W	SVOC	Nitrobenzene	0%	NA	NA	5	5
6	W	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	5	5
6	W	SVOC	N-Nitrosodipropylamine	0%	NA	NA	5	5
6	W	SVOC	Pentachlorophenol	0%	NA	NA	20	20
6	W	SVOC	Phenanthrene	0%	NA	NA	5	5
6	W	SVOC	Phenol	0%	NA	NA	5	5
6	W	SVOC	Pyrene	0%	NA	NA	5	5
6	W	TPH	TPH-d	100%	550	550	NA	NA
6	W	TPH	TPH-d (sg)	100%	180	180	NA	NA
6	W	VOC	Benzene	0%	NA	NA	0.5	0.5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
6	W	VOC	Ethylbenzene	0%	NA	NA	0.5	0.5
6	W	VOC	Toluene	0%	NA	NA	0.5	0.5
6	W	VOC	Total Xylene	0%	NA	NA	0.5	0.5
Area of Concern 7								
7	S	METAL	Antimony	0%	NA	NA	2.5	10
7	S	METAL	Arsenic	33%	24	28	2.5	2.5
7	S	METAL	Barium	100%	12	34	NA	NA
7	S	METAL	Beryllium	0%	NA	NA	0.5	1
7	S	METAL	Cadmium	0%	NA	NA	0.5	1
7	S	METAL	Chromium	100%	17	26	NA	NA
7	S	METAL	Cobalt	83%	3.2	7.3	4	4
7	S	METAL	Copper	100%	3.6	6.6	NA	NA
7	S	METAL	Lead	0%	NA	NA	3	10
7	S	METAL	Mercury	50%	0.071	0.19	0.017	0.06
7	S	METAL	Molybdenum	0%	NA	NA	2	4
7	S	METAL	Nickel	100%	19	25	NA	NA
7	S	METAL	Selenium	0%	NA	NA	2.5	10
7	S	METAL	Silver	0%	NA	NA	1	1
7	S	METAL	Thallium	0%	NA	NA	2.5	2.5
7	S	METAL	Vanadium	100%	14	15	NA	NA
7	S	METAL	Zinc	100%	9.9	18	NA	NA
7	S	TPH	TPH-d	0%	NA	NA	0.001	5
7	S	TPH	TPH-g	0%	NA	NA	0.001	1
7	S	TPH	TPH-Jet Fuel	0%	NA	NA	0.001	1
7	S	TPH	TPH-mo	0%	NA	NA	0.005	5
7	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
7	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.005	0.005
7	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
7	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.005
7	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.005
7	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
7	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.005
7	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.005
7	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.005
7	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.005
7	S	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.005	0.005
7	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.005	0.025
7	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.005
7	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.005
7	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.005
7	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.005
7	S	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.005	0.005
7	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.005
7	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.005
7	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.005
7	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.005
7	S	VOC	2-Butanone	0%	NA	NA	0.01	0.01
7	S	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.005	0.005
7	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.005
7	S	VOC	2-Hexanone	0%	NA	NA	0.005	0.005
7	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.005
7	S	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.005	0.005
7	S	VOC	Acetone	0%	NA	NA	0.05	0.05
7	S	VOC	Benzene	0%	NA	NA	0.005	0.005
7	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.005
7	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.005
7	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.005
7	S	VOC	Bromoform	0%	NA	NA	0.005	0.005
7	S	VOC	Bromomethane	0%	NA	NA	0.005	0.025
7	S	VOC	Carbon disulfide	0%	NA	NA	0.005	0.005
7	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.005
7	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.005
7	S	VOC	Chloroethane	0%	NA	NA	0.005	0.005
7	S	VOC	Chloroform	0%	NA	NA	0.005	0.025
7	S	VOC	Chloromethane	0%	NA	NA	0.005	0.025
7	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
7	S	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
7	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.005
7	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.005

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
7	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.005	0.025
7	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
7	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.005
7	S	VOC	Isopropylbenzene	0%	NA	NA	0.005	0.005
7	S	VOC	Methyl iodide	0%	NA	NA	0.01	0.01
7	S	VOC	Methylene Chloride	0%	NA	NA	0.005	0.025
7	S	VOC	Naphthalene	0%	NA	NA	0.005	0.005
7	S	VOC	n-Butylbenzene	0%	NA	NA	0.005	0.005
7	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.005
7	S	VOC	p-Isopropyltoluene	0%	NA	NA	0.005	0.005
7	S	VOC	sec-Butylbenzene	0%	NA	NA	0.005	0.005
7	S	VOC	Styrene	0%	NA	NA	0.005	0.005
7	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
7	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.005
7	S	VOC	Tetrachloroethene	0%	NA	NA	0.005	0.005
7	S	VOC	Toluene	0%	NA	NA	0.005	0.005
7	S	VOC	Total Xylene	0%	NA	NA	0.005	0.01
7	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
7	S	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
7	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.005
7	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.005	0.025
7	S	VOC	Vinyl acetate	0%	NA	NA	0.05	0.05
7	S	VOC	Vinyl chloride	0%	NA	NA	0.005	0.025
7	W	GEN	TDS	100%	1300000	1300000	NA	NA
7	W	METAL	Antimony	0%	NA	NA	6	60
7	W	METAL	Arsenic	43%	5.5	12	5	50
7	W	METAL	Barium	0%	NA	NA	50	50
7	W	METAL	Beryllium	0%	NA	NA	4	5
7	W	METAL	Cadmium	0%	NA	NA	5	5
7	W	METAL	Chromium	0%	NA	NA	5	20
7	W	METAL	Cobalt	0%	NA	NA	20	50
7	W	METAL	Copper	0%	NA	NA	5	50
7	W	METAL	Lead	0%	NA	NA	50	50
7	W	METAL	Mercury	0%	NA	NA	0.2	0.8
7	W	METAL	Molybdenum	50%	22	130	20	50
7	W	METAL	Nickel	50%	54	54	20	50
7	W	METAL	Selenium	0%	NA	NA	50	50
7	W	METAL	Silver	0%	NA	NA	5	10
7	W	METAL	Thallium	0%	NA	NA	5	50
7	W	METAL	Vanadium	0%	NA	NA	20	50
7	W	METAL	Zinc	0%	NA	NA	20	50
7	W	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	5	5
7	W	SVOC	1,2-Dichlorobenzene	0%	NA	NA	5	5
7	W	SVOC	1,3-Dichlorobenzene	0%	NA	NA	5	5
7	W	SVOC	1,4-Dichlorobenzene	0%	NA	NA	5	5
7	W	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	10	10
7	W	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	10	10
7	W	SVOC	2,4-Dichlorophenol	0%	NA	NA	10	10
7	W	SVOC	2,4-Dimethylphenol	0%	NA	NA	5	5
7	W	SVOC	2,4-Dinitrophenol	0%	NA	NA	20	20
7	W	SVOC	2,4-Dinitrotoluene	0%	NA	NA	5	5
7	W	SVOC	2,6-Dinitrotoluene	0%	NA	NA	5	5
7	W	SVOC	2-Chloronaphthalene	0%	NA	NA	5	5
7	W	SVOC	2-Chlorophenol	0%	NA	NA	10	10
7	W	SVOC	2-Methylnaphthalene	0%	NA	NA	5	5
7	W	SVOC	2-Methylphenol	0%	NA	NA	5	5
7	W	SVOC	2-Nitroaniline	0%	NA	NA	5	5
7	W	SVOC	2-Nitrophenol	0%	NA	NA	20	20
7	W	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	10	10
7	W	SVOC	3-Nitroaniline	0%	NA	NA	5	5
7	W	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	20	20
7	W	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	5	5
7	W	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	5	5
7	W	SVOC	4-Chloroaniline	0%	NA	NA	5	5
7	W	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	5	5
7	W	SVOC	4-Methylphenol	0%	NA	NA	5	5
7	W	SVOC	4-Nitroaniline	0%	NA	NA	5	5
7	W	SVOC	4-Nitrophenol	0%	NA	NA	20	20
7	W	SVOC	Acenaphthene	0%	NA	NA	5	5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
7	W	SVOC	Acenaphthylene	0%	NA	NA	5	5
7	W	SVOC	Aniline	0%	NA	NA	5	5
7	W	SVOC	Anthracene	0%	NA	NA	5	5
7	W	SVOC	Azobenzene	0%	NA	NA	5	5
7	W	SVOC	Benzo(a)anthracene	0%	NA	NA	5	5
7	W	SVOC	Benzo(a)pyrene	0%	NA	NA	5	5
7	W	SVOC	Benzo(b)fluoranthene	0%	NA	NA	5	5
7	W	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	5	5
7	W	SVOC	Benzo(k)fluoranthene	0%	NA	NA	5	5
7	W	SVOC	Benzoic acid	0%	NA	NA	20	20
7	W	SVOC	Benzyl alcohol	0%	NA	NA	5	5
7	W	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	5	5
7	W	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	5	5
7	W	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	5	5
7	W	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	5	5
7	W	SVOC	Butyl benzyl phthalate	0%	NA	NA	5	5
7	W	SVOC	Carbazole	0%	NA	NA	5	5
7	W	SVOC	Chrysene	0%	NA	NA	5	5
7	W	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	5	5
7	W	SVOC	Dibenzofuran	0%	NA	NA	5	5
7	W	SVOC	Diethyl phthalate	0%	NA	NA	5	5
7	W	SVOC	Dimethyl Phthalate	0%	NA	NA	5	5
7	W	SVOC	di-n-Butyl Phthalate	0%	NA	NA	5	5
7	W	SVOC	di-n-Octyl Phthalate	0%	NA	NA	5	5
7	W	SVOC	Fluoranthene	0%	NA	NA	5	5
7	W	SVOC	Fluorene	0%	NA	NA	5	5
7	W	SVOC	Hexachlorobenzene	0%	NA	NA	5	5
7	W	SVOC	Hexachlorobutadiene	0%	NA	NA	5	5
7	W	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	20	20
7	W	SVOC	Hexachloroethane	0%	NA	NA	5	5
7	W	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	5	5
7	W	SVOC	Isophorone	0%	NA	NA	5	5
7	W	SVOC	Naphthalene	0%	NA	NA	10	10
7	W	SVOC	Nitrobenzene	0%	NA	NA	5	5
7	W	SVOC	N-Nitrosodimethylamine	0%	NA	NA	5	5
7	W	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	5	5
7	W	SVOC	N-Nitrosodipropylamine	0%	NA	NA	5	5
7	W	SVOC	Pentachlorophenol	0%	NA	NA	20	20
7	W	SVOC	Phenanthrene	0%	NA	NA	5	5
7	W	SVOC	Phenol	0%	NA	NA	5	5
7	W	SVOC	Pyrene	0%	NA	NA	5	5
7	W	TPH	TPH-d	75%	57	660	50	50
7	W	TPH	TPH-d (sg)	50%	220	220	73.1	73.1
7	W	TPH	TPH-g	0%	NA	NA	50	50
7	W	TPH	TPH-Jet Fuel	0%	NA	NA	50	50
7	W	TPH	TPH-mo	0%	NA	NA	250	250
7	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	1.2
7	W	VOC	1,1,1-Trichloroethane	25%	1.3	1.5	0.5	0.5
7	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.5	1.2
7	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	1.2
7	W	VOC	1,1-Dichloroethane	100%	0.75	54	NA	NA
7	W	VOC	1,1-Dichloroethene	100%	0.55	59	NA	NA
7	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	1.2
7	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	1.2
7	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	1.2
7	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	1.2
7	W	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.5	1.2
7	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.5	2
7	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	1.2
7	W	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.5	1.2
7	W	VOC	1,2-Dichloroethane	0%	NA	NA	0.5	1.2
7	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	1.2
7	W	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.5	1.2
7	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	1.2
7	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	1.2
7	W	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.5	1.2
7	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	1.2
7	W	VOC	2-Butanone	0%	NA	NA	1	10
7	W	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.5	1.2

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
7	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	1.2
7	W	VOC	2-Hexanone	0%	NA	NA	0.5	10
7	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	1.2
7	W	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.5	10
7	W	VOC	Acetone	0%	NA	NA	5	12
7	W	VOC	Benzene	0%	NA	NA	0.5	1.2
7	W	VOC	Bromobenzene	0%	NA	NA	0.5	1.2
7	W	VOC	Bromochloromethane	0%	NA	NA	0.5	1.2
7	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	1.2
7	W	VOC	Bromoform	0%	NA	NA	0.5	1.2
7	W	VOC	Bromomethane	0%	NA	NA	0.5	1.2
7	W	VOC	Carbon disulfide	0%	NA	NA	0.5	1.2
7	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	1.2
7	W	VOC	Chlorobenzene	0%	NA	NA	0.5	1.2
7	W	VOC	Chloroethane	0%	NA	NA	0.5	1.2
7	W	VOC	Chloroform	0%	NA	NA	0.5	1.2
7	W	VOC	Chloromethane	0%	NA	NA	0.5	1.2
7	W	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.5	1.2
7	W	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.5	1.2
7	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	1.2
7	W	VOC	Dibromomethane	0%	NA	NA	0.5	1.2
7	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	1.2
7	W	VOC	Ethyl tert-Butyl Ether (ETBE)	0%	NA	NA	0.5	0.5
7	W	VOC	Ethylbenzene	0%	NA	NA	0.5	1.2
7	W	VOC	Freon 113	0%	NA	NA	0.5	0.5
7	W	VOC	Freon 12	0%	NA	NA	1	1
7	W	VOC	Hexachlorobutadiene	0%	NA	NA	0.5	1.2
7	W	VOC	Isopropyl Ether (DIPE)	0%	NA	NA	0.5	0.5
7	W	VOC	Isopropylbenzene	0%	NA	NA	0.5	1.2
7	W	VOC	m,p-Xylenes	0%	NA	NA	0.5	0.5
7	W	VOC	Methyl iodide	0%	NA	NA	1	2.5
7	W	VOC	Methyl tert-Amyl Ether (TAME)	0%	NA	NA	0.5	0.5
7	W	VOC	Methylene Chloride	0%	NA	NA	0.5	10
7	W	VOC	Naphthalene	0%	NA	NA	0.5	2
7	W	VOC	n-Butylbenzene	0%	NA	NA	0.5	1.2
7	W	VOC	n-Propylbenzene	0%	NA	NA	0.5	1.2
7	W	VOC	o-Xylene	0%	NA	NA	0.5	0.5
7	W	VOC	p-Isopropyltoluene	0%	NA	NA	0.5	1.2
7	W	VOC	sec-Butylbenzene	0%	NA	NA	0.5	1.2
7	W	VOC	Styrene	0%	NA	NA	0.5	1.2
7	W	VOC	tert-Butyl Alcohol (TBA)	0%	NA	NA	10	10
7	W	VOC	tert-Butyl methyl ether	0%	NA	NA	0.5	1.2
7	W	VOC	tert-Butylbenzene	0%	NA	NA	0.5	1.2
7	W	VOC	Tetrachloroethene	0%	NA	NA	0.5	1.2
7	W	VOC	Toluene	25%	0.5	0.7	0.5	1.2
7	W	VOC	Total Xylene	0%	NA	NA	0.5	1.2
7	W	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.5	1.2
7	W	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.5	1.2
7	W	VOC	Trichloroethene	0%	NA	NA	0.5	1.2
7	W	VOC	Trichlorofluoromethane	0%	NA	NA	0.5	1.2
7	W	VOC	Vinyl acetate	0%	NA	NA	5	12
7	W	VOC	Vinyl chloride	0%	NA	NA	0.5	1.2
Area of Concern 8								
8	S	METAL	Antimony	0%	NA	NA	10	10
8	S	METAL	Arsenic	100%	27	27	NA	NA
8	S	METAL	Barium	100%	32	32	NA	NA
8	S	METAL	Beryllium	0%	NA	NA	1	1
8	S	METAL	Cadmium	0%	NA	NA	1	1
8	S	METAL	Chromium	100%	21	21	NA	NA
8	S	METAL	Cobalt	100%	4.2	4.2	NA	NA
8	S	METAL	Copper	100%	5.5	5.5	NA	NA
8	S	METAL	Lead	0%	NA	NA	10	10
8	S	METAL	Mercury	0%	NA	NA	0.018	0.018
8	S	METAL	Molybdenum	0%	NA	NA	4	4
8	S	METAL	Nickel	100%	24	24	NA	NA
8	S	METAL	Selenium	0%	NA	NA	10	10
8	S	METAL	Silver	0%	NA	NA	1	1
8	S	METAL	Vanadium	100%	15	15	NA	NA
8	S	METAL	Zinc	100%	19	19	NA	NA

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
8	S	TPH	TPH-d	0%	NA	NA	5	5
8	S	TPH	TPH-g	0%	NA	NA	1	1
8	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
8	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.005	0.005
8	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
8	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.005
8	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.005
8	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
8	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.005
8	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.005
8	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.005
8	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.005
8	S	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.005	0.005
8	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.025	0.025
8	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.005
8	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.005
8	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.005
8	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.005
8	S	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.005	0.005
8	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.005
8	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.005
8	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.005
8	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.005
8	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.005
8	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.005
8	S	VOC	Benzene	0%	NA	NA	0.005	0.005
8	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.005
8	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.005
8	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.005
8	S	VOC	Bromoform	0%	NA	NA	0.005	0.005
8	S	VOC	Bromomethane	0%	NA	NA	0.025	0.025
8	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.005
8	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.005
8	S	VOC	Chloroethane	0%	NA	NA	0.005	0.005
8	S	VOC	Chloroform	0%	NA	NA	0.025	0.025
8	S	VOC	Chloromethane	0%	NA	NA	0.025	0.025
8	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
8	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.005
8	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.005
8	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.025	0.025
8	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
8	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.005
8	S	VOC	Isopropylbenzene	0%	NA	NA	0.005	0.005
8	S	VOC	Methylene Chloride	0%	NA	NA	0.025	0.025
8	S	VOC	Naphthalene	0%	NA	NA	0.005	0.005
8	S	VOC	n-Butylbenzene	0%	NA	NA	0.005	0.005
8	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.005
8	S	VOC	p-Isopropyltoluene	0%	NA	NA	0.005	0.005
8	S	VOC	sec-Butylbenzene	0%	NA	NA	0.005	0.005
8	S	VOC	Styrene	0%	NA	NA	0.005	0.005
8	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
8	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.005
8	S	VOC	Tetrachloroethene	0%	NA	NA	0.005	0.005
8	S	VOC	Toluene	0%	NA	NA	0.005	0.005
8	S	VOC	Total Xylene	0%	NA	NA	0.01	0.01
8	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
8	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.005
8	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.025	0.025
8	S	VOC	Vinyl chloride	0%	NA	NA	0.025	0.025
8	W	METAL	Antimony	0%	NA	NA	50	50
8	W	METAL	Arsenic	0%	NA	NA	50	50
8	W	METAL	Barium	100%	240	240	NA	NA
8	W	METAL	Beryllium	0%	NA	NA	5	5
8	W	METAL	Cadmium	0%	NA	NA	5	5
8	W	METAL	Chromium	0%	NA	NA	5	5
8	W	METAL	Cobalt	0%	NA	NA	20	20
8	W	METAL	Copper	0%	NA	NA	5	5
8	W	METAL	Lead	0%	NA	NA	50	50
8	W	METAL	Mercury	0%	NA	NA	0.2	0.2

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
8	W	METAL	Molybdenum	100%	31	31	NA	NA
8	W	METAL	Nickel	100%	63	63	NA	NA
8	W	METAL	Selenium	0%	NA	NA	50	50
8	W	METAL	Silver	0%	NA	NA	5	5
8	W	METAL	Thallium	0%	NA	NA	50	50
8	W	METAL	Vanadium	0%	NA	NA	20	20
8	W	METAL	Zinc	0%	NA	NA	20	20
8	W	TPH	TPH-d	0%	NA	NA	50	50
8	W	TPH	TPH-g	0%	NA	NA	50	50
8	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	0.5
8	W	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.5	0.5
8	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	1	1
8	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	0.5
8	W	VOC	1,1-Dichloroethane	0%	NA	NA	0.5	0.5
8	W	VOC	1,1-Dichloroethene	0%	NA	NA	0.5	0.5
8	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	0.5
8	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	0.5
8	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	0.5
8	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	0.5
8	W	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.5	0.5
8	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	1	1
8	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	0.5
8	W	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.5	0.5
8	W	VOC	1,2-Dichloroethane	0%	NA	NA	0.5	0.5
8	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	0.5
8	W	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.5	0.5
8	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	0.5
8	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	0.5
8	W	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.5	0.5
8	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	0.5
8	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	0.5
8	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	0.5
8	W	VOC	Benzene	0%	NA	NA	0.5	0.5
8	W	VOC	Bromobenzene	0%	NA	NA	0.5	0.5
8	W	VOC	Bromochloromethane	0%	NA	NA	0.5	0.5
8	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	0.5
8	W	VOC	Bromoform	0%	NA	NA	0.5	0.5
8	W	VOC	Bromomethane	0%	NA	NA	1	1
8	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	0.5
8	W	VOC	Chlorobenzene	0%	NA	NA	0.5	0.5
8	W	VOC	Chloroethane	0%	NA	NA	0.5	0.5
8	W	VOC	Chloroform	0%	NA	NA	0.5	0.5
8	W	VOC	Chloromethane	0%	NA	NA	0.5	0.5
8	W	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.5	0.5
8	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	0.5
8	W	VOC	Dibromomethane	0%	NA	NA	0.5	0.5
8	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	0.5
8	W	VOC	Ethylbenzene	0%	NA	NA	0.5	0.5
8	W	VOC	Hexachlorobutadiene	0%	NA	NA	1	1
8	W	VOC	Isopropylbenzene	0%	NA	NA	0.5	0.5
8	W	VOC	Methylene Chloride	0%	NA	NA	1	1
8	W	VOC	Naphthalene	0%	NA	NA	1	1
8	W	VOC	n-Butylbenzene	0%	NA	NA	0.5	0.5
8	W	VOC	n-Propylbenzene	0%	NA	NA	0.5	0.5
8	W	VOC	p-Isopropyltoluene	0%	NA	NA	0.5	0.5
8	W	VOC	sec-Butylbenzene	0%	NA	NA	0.5	0.5
8	W	VOC	Styrene	0%	NA	NA	0.5	0.5
8	W	VOC	tert-Butyl methyl ether	0%	NA	NA	0.5	0.5
8	W	VOC	tert-Butylbenzene	0%	NA	NA	0.5	0.5
8	W	VOC	Tetrachloroethene	0%	NA	NA	0.5	0.5
8	W	VOC	Toluene	0%	NA	NA	0.5	0.5
8	W	VOC	Total Xylene	0%	NA	NA	0.5	0.5
8	W	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.5	0.5
8	W	VOC	Trichloroethene	0%	NA	NA	0.5	0.5
8	W	VOC	Trichlorofluoromethane	0%	NA	NA	0.5	0.5
8	W	VOC	Vinyl chloride	0%	NA	NA	0.5	0.5
Area of Concern 9								
9	S	METAL	Antimony	0%	NA	NA	2.5	10
9	S	METAL	Arsenic	56%	2.6	36	2.5	2.5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
9	S	METAL	Barium	100%	19	86	NA	NA
9	S	METAL	Beryllium	0%	NA	NA	0.5	1
9	S	METAL	Cadmium	0%	NA	NA	0.5	1
9	S	METAL	Chromium	100%	11	110	NA	NA
9	S	METAL	Cobalt	78%	3.6	6.4	4	4
9	S	METAL	Copper	100%	3.8	16	NA	NA
9	S	METAL	Lead	22%	4.5	7.2	3	10
9	S	METAL	Mercury	44%	0.028	0.09	0.017	0.06
9	S	METAL	Molybdenum	0%	NA	NA	2	4
9	S	METAL	Nickel	100%	15	80	NA	NA
9	S	METAL	Selenium	0%	NA	NA	2.5	10
9	S	METAL	Silver	0%	NA	NA	1	1
9	S	METAL	Thallium	14%	150	150	2.5	2.5
9	S	METAL	Vanadium	100%	7.6	21	NA	NA
9	S	METAL	Zinc	100%	12	35	NA	NA
9	S	TPH	TPH-d	11%	1.9	1.9	0.001	200
9	S	TPH	TPH-g	0%	NA	NA	0.001	1
9	S	TPH	TPH-Jet Fuel	17%	1.2	1.2	0.001	200
9	S	TPH	TPH-mo	50%	6.2	2100	0.005	5
9	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
9	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.005	0.005
9	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
9	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.005
9	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.005
9	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
9	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.005
9	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.005
9	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.005
9	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.005
9	S	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.005	0.005
9	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.005	0.025
9	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.005
9	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.005
9	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.005
9	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.005
9	S	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.005	0.005
9	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.005
9	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.005
9	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.005
9	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.005
9	S	VOC	2-Butanone	0%	NA	NA	0.01	0.01
9	S	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.005	0.005
9	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.005
9	S	VOC	2-Hexanone	0%	NA	NA	0.005	0.005
9	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.005
9	S	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.005	0.005
9	S	VOC	Acetone	0%	NA	NA	0.05	0.1
9	S	VOC	Benzene	0%	NA	NA	0.005	0.005
9	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.005
9	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.005
9	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.005
9	S	VOC	Bromoform	0%	NA	NA	0.005	0.005
9	S	VOC	Bromomethane	0%	NA	NA	0.005	0.025
9	S	VOC	Carbon disulfide	0%	NA	NA	0.005	0.005
9	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.005
9	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.005
9	S	VOC	Chloroethane	0%	NA	NA	0.005	0.005
9	S	VOC	Chloroform	0%	NA	NA	0.005	0.025
9	S	VOC	Chloromethane	0%	NA	NA	0.005	0.025
9	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
9	S	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
9	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.005
9	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.005
9	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.005	0.025
9	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
9	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.005
9	S	VOC	Isopropylbenzene	0%	NA	NA	0.005	0.005
9	S	VOC	Methyl iodide	0%	NA	NA	0.01	0.01
9	S	VOC	Methylene Chloride	11%	0.047	0.047	0.005	0.025

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
9	S	VOC	Naphthalene	11%	0.0063	0.0063	0.005	0.005
9	S	VOC	n-Butylbenzene	0%	NA	NA	0.005	0.005
9	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.005
9	S	VOC	p-Isopropyltoluene	0%	NA	NA	0.005	0.005
9	S	VOC	sec-Butylbenzene	0%	NA	NA	0.005	0.005
9	S	VOC	Styrene	0%	NA	NA	0.005	0.005
9	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
9	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.005
9	S	VOC	Tetrachloroethene	0%	NA	NA	0.005	0.005
9	S	VOC	Toluene	0%	NA	NA	0.005	0.005
9	S	VOC	Total Xylene	0%	NA	NA	0.005	0.01
9	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
9	S	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
9	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.005
9	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.005	0.025
9	S	VOC	Vinyl acetate	0%	NA	NA	0.05	0.05
9	S	VOC	Vinyl chloride	0%	NA	NA	0.005	0.025
9	W	GEN	Alkalinity	100%	790000	790000	NA	NA
9	W	GEN	Chloride	100%	3800000	3800000	NA	NA
9	W	GEN	Nitrate	0%	NA	NA	2000	2000
9	W	GEN	Sulfate	100%	580000	580000	NA	NA
9	W	GEN	TDS	100%	3300000	3300000	NA	NA
9	W	METAL	Antimony	0%	NA	NA	50	60
9	W	METAL	Arsenic	0%	NA	NA	50	500
9	W	METAL	Barium	75%	53	58	50	50
9	W	METAL	Beryllium	25%	5.9	5.9	4	5
9	W	METAL	Cadmium	0%	NA	NA	5	5
9	W	METAL	Chromium	0%	NA	NA	5	20
9	W	METAL	Cobalt	0%	NA	NA	20	50
9	W	METAL	Copper	0%	NA	NA	5	50
9	W	METAL	Iron	100%	590	590	NA	NA
9	W	METAL	Lead	25%	57	57	50	50
9	W	METAL	Manganese	100%	1300	1300	NA	NA
9	W	METAL	Mercury	0%	NA	NA	0.2	200
9	W	METAL	Molybdenum	25%	28	28	20	50
9	W	METAL	Nickel	0%	NA	NA	5	50
9	W	METAL	Selenium	0%	NA	NA	50	500
9	W	METAL	Silver	25%	5.8	5.8	5	10
9	W	METAL	Thallium	25%	65	65	50	50
9	W	METAL	Vanadium	0%	NA	NA	20	50
9	W	METAL	Zinc	50%	9.9	17	20	50
9	W	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	5	5
9	W	SVOC	1,2-Dichlorobenzene	0%	NA	NA	5	5
9	W	SVOC	1,3-Dichlorobenzene	0%	NA	NA	5	5
9	W	SVOC	1,4-Dichlorobenzene	0%	NA	NA	5	5
9	W	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	10	10
9	W	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	10	10
9	W	SVOC	2,4-Dichlorophenol	0%	NA	NA	10	10
9	W	SVOC	2,4-Dimethylphenol	0%	NA	NA	5	5
9	W	SVOC	2,4-Dinitrophenol	0%	NA	NA	20	20
9	W	SVOC	2,4-Dinitrotoluene	0%	NA	NA	5	5
9	W	SVOC	2,6-Dinitrotoluene	0%	NA	NA	5	5
9	W	SVOC	2-Chloronaphthalene	0%	NA	NA	5	5
9	W	SVOC	2-Chlorophenol	0%	NA	NA	10	10
9	W	SVOC	2-Methylnaphthalene	0%	NA	NA	5	5
9	W	SVOC	2-Methylphenol	0%	NA	NA	5	5
9	W	SVOC	2-Nitroaniline	0%	NA	NA	5	5
9	W	SVOC	2-Nitrophenol	0%	NA	NA	20	20
9	W	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	10	10
9	W	SVOC	3-Nitroaniline	0%	NA	NA	5	5
9	W	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	20	20
9	W	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	5	5
9	W	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	5	5
9	W	SVOC	4-Chloroaniline	0%	NA	NA	5	5
9	W	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	5	5
9	W	SVOC	4-Methylphenol	0%	NA	NA	5	5
9	W	SVOC	4-Nitroaniline	0%	NA	NA	5	5
9	W	SVOC	4-Nitrophenol	0%	NA	NA	20	20
9	W	SVOC	Acenaphthene	0%	NA	NA	5	5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations Min	Detected Concentrations Max	Non-Detect Concentrations Min	Non-Detect Concentrations Max
9	W	SVOC	Acenaphthylene	0%	NA	NA	5	5
9	W	SVOC	Aniline	0%	NA	NA	5	5
9	W	SVOC	Anthracene	0%	NA	NA	5	5
9	W	SVOC	Azobenzene	0%	NA	NA	5	5
9	W	SVOC	Benzo(a)anthracene	0%	NA	NA	5	5
9	W	SVOC	Benzo(a)pyrene	0%	NA	NA	5	5
9	W	SVOC	Benzo(b)fluoranthene	0%	NA	NA	5	5
9	W	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	5	5
9	W	SVOC	Benzo(k)fluoranthene	0%	NA	NA	5	5
9	W	SVOC	Benzoic acid	0%	NA	NA	20	20
9	W	SVOC	Benzyl alcohol	0%	NA	NA	5	5
9	W	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	5	5
9	W	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	5	5
9	W	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	5	5
9	W	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	5	5
9	W	SVOC	Butyl benzyl phthalate	0%	NA	NA	5	5
9	W	SVOC	Carbazole	0%	NA	NA	5	5
9	W	SVOC	Chrysene	0%	NA	NA	5	5
9	W	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	5	5
9	W	SVOC	Dibenzofuran	0%	NA	NA	5	5
9	W	SVOC	Diethyl phthalate	0%	NA	NA	5	5
9	W	SVOC	Dimethyl Phthalate	0%	NA	NA	5	5
9	W	SVOC	di-n-Butyl Phthalate	0%	NA	NA	5	5
9	W	SVOC	di-n-Octyl Phthalate	0%	NA	NA	5	5
9	W	SVOC	Fluoranthene	0%	NA	NA	5	5
9	W	SVOC	Fluorene	0%	NA	NA	5	5
9	W	SVOC	Hexachlorobenzene	0%	NA	NA	5	5
9	W	SVOC	Hexachlorobutadiene	0%	NA	NA	5	5
9	W	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	20	20
9	W	SVOC	Hexachloroethane	0%	NA	NA	5	5
9	W	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	5	5
9	W	SVOC	Isophorone	0%	NA	NA	5	5
9	W	SVOC	Naphthalene	0%	NA	NA	10	10
9	W	SVOC	Nitrobenzene	0%	NA	NA	5	5
9	W	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	5	5
9	W	SVOC	N-Nitrosodipropylamine	0%	NA	NA	5	5
9	W	SVOC	Pentachlorophenol	0%	NA	NA	20	20
9	W	SVOC	Phenanthrene	0%	NA	NA	5	5
9	W	SVOC	Phenol	0%	NA	NA	5	5
9	W	SVOC	Pyrene	0%	NA	NA	5	5
9	W	TPH	TPH-d	40%	86	110	50	50
9	W	TPH	TPH-d (sg)	100%	77	170	NA	NA
9	W	TPH	TPH-g	0%	NA	NA	50	50
9	W	TPH	TPH-Jet Fuel	0%	NA	NA	50	50
9	W	TPH	TPH-mo	0%	NA	NA	250	250
9	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	0.5
9	W	VOC	1,1,1-Trichloroethane	11%	1.9	1.9	0.5	0.5
9	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.5	1
9	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	0.5
9	W	VOC	1,1-Dichloroethane	33%	0.6	0.8	0.5	0.5
9	W	VOC	1,1-Dichloroethene	0%	NA	NA	0.5	0.5
9	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	0.5
9	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	0.5
9	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	0.5
9	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	0.5
9	W	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.5	0.5
9	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.5	2
9	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	0.5
9	W	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.5	0.5
9	W	VOC	1,2-Dichloroethane	0%	NA	NA	0.5	0.5
9	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	0.5
9	W	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.5	0.5
9	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	0.5
9	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	0.5
9	W	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.5	0.5
9	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	0.5
9	W	VOC	2-Butanone	0%	NA	NA	10	10
9	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	0.5
9	W	VOC	2-Hexanone	0%	NA	NA	10	10

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
9	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	0.5
9	W	VOC	4-Methyl-2-pentanone	0%	NA	NA	10	10
9	W	VOC	Acetone	0%	NA	NA	10	10
9	W	VOC	Benzene	0%	NA	NA	0.5	0.5
9	W	VOC	Bromobenzene	0%	NA	NA	0.5	0.5
9	W	VOC	Bromochloromethane	0%	NA	NA	0.5	0.5
9	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	0.5
9	W	VOC	Bromoform	0%	NA	NA	0.5	1
9	W	VOC	Bromomethane	0%	NA	NA	0.5	1
9	W	VOC	Carbon disulfide	0%	NA	NA	0.5	0.5
9	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	0.5
9	W	VOC	Chlorobenzene	0%	NA	NA	0.5	0.5
9	W	VOC	Chloroethane	0%	NA	NA	0.5	1
9	W	VOC	Chloroform	0%	NA	NA	0.5	0.5
9	W	VOC	Chloromethane	11%	0.51	0.51	0.5	1
9	W	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.5	0.5
9	W	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.5	0.5
9	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	0.5
9	W	VOC	Dibromomethane	0%	NA	NA	0.5	0.5
9	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	0.5
9	W	VOC	Ethyl tert-Butyl Ether (ETBE)	0%	NA	NA	0.5	0.5
9	W	VOC	Ethylbenzene	0%	NA	NA	0.5	0.5
9	W	VOC	Freon 113	0%	NA	NA	0.5	0.5
9	W	VOC	Freon 12	0%	NA	NA	1	1
9	W	VOC	Hexachlorobutadiene	0%	NA	NA	0.5	1
9	W	VOC	Isopropyl Ether (DIPE)	0%	NA	NA	0.5	0.5
9	W	VOC	Isopropylbenzene	0%	NA	NA	0.5	0.5
9	W	VOC	m,p-Xylenes	0%	NA	NA	0.5	0.5
9	W	VOC	Methyl tert-Amyl Ether (TAME)	0%	NA	NA	0.5	0.5
9	W	VOC	Methylene Chloride	0%	NA	NA	0.5	10
9	W	VOC	Naphthalene	0%	NA	NA	0.5	2
9	W	VOC	n-Butylbenzene	0%	NA	NA	0.5	0.5
9	W	VOC	n-Propylbenzene	0%	NA	NA	0.5	0.5
9	W	VOC	o-Xylene	0%	NA	NA	0.5	0.5
9	W	VOC	p-Isopropyltoluene	0%	NA	NA	0.5	0.5
9	W	VOC	sec-Butylbenzene	0%	NA	NA	0.5	0.5
9	W	VOC	Styrene	0%	NA	NA	0.5	0.5
9	W	VOC	tert-Butyl Alcohol (TBA)	0%	NA	NA	10	10
9	W	VOC	tert-Butyl methyl ether	56%	0.84	2.5	0.5	0.5
9	W	VOC	tert-Butylbenzene	0%	NA	NA	0.5	0.5
9	W	VOC	Tetrachloroethene	0%	NA	NA	0.5	0.5
9	W	VOC	Toluene	0%	NA	NA	0.5	0.5
9	W	VOC	Total Xylene	0%	NA	NA	0.5	0.5
9	W	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.5	0.5
9	W	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.5	0.5
9	W	VOC	Trichloroethene	0%	NA	NA	0.5	0.5
9	W	VOC	Trichlorofluoromethane	0%	NA	NA	0.5	1
9	W	VOC	Vinyl acetate	0%	NA	NA	10	10
9	W	VOC	Vinyl chloride	0%	NA	NA	0.5	0.5
Area of Concern 10								
10	S	METAL	Antimony	0%	NA	NA	10	10
10	S	METAL	Arsenic	100%	22	22	NA	NA
10	S	METAL	Barium	100%	21	21	NA	NA
10	S	METAL	Beryllium	0%	NA	NA	1	1
10	S	METAL	Cadmium	0%	NA	NA	1	1
10	S	METAL	Chromium	100%	17	17	NA	NA
10	S	METAL	Cobalt	0%	NA	NA	4	4
10	S	METAL	Copper	100%	3.9	3.9	NA	NA
10	S	METAL	Lead	0%	NA	NA	10	10
10	S	METAL	Mercury	0%	NA	NA	0.019	0.019
10	S	METAL	Molybdenum	0%	NA	NA	4	4
10	S	METAL	Nickel	100%	21	21	NA	NA
10	S	METAL	Selenium	0%	NA	NA	10	10
10	S	METAL	Silver	0%	NA	NA	1	1
10	S	METAL	Vanadium	100%	13	13	NA	NA
10	S	METAL	Zinc	100%	18	18	NA	NA
10	S	TPH	TPH-d	0%	NA	NA	5	5
10	S	TPH	TPH-g	0%	NA	NA	1	1
10	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.005

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations Min	Detected Concentrations Max	Non-Detect Concentrations Min	Non-Detect Concentrations Max
10	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.005	0.005
10	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
10	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.005
10	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.005
10	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
10	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.005
10	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.005
10	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.005
10	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.005
10	S	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.005	0.005
10	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.025	0.025
10	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.005
10	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.005
10	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.005
10	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.005
10	S	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.005	0.005
10	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.005
10	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.005
10	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.005
10	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.005
10	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.005
10	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.005
10	S	VOC	Benzene	0%	NA	NA	0.005	0.005
10	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.005
10	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.005
10	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.005
10	S	VOC	Bromoform	0%	NA	NA	0.005	0.005
10	S	VOC	Bromomethane	0%	NA	NA	0.025	0.025
10	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.005
10	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.005
10	S	VOC	Chloroethane	0%	NA	NA	0.005	0.005
10	S	VOC	Chloroform	0%	NA	NA	0.025	0.025
10	S	VOC	Chloromethane	0%	NA	NA	0.025	0.025
10	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
10	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.005
10	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.005
10	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.025	0.025
10	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
10	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.005
10	S	VOC	Isopropylbenzene	0%	NA	NA	0.005	0.005
10	S	VOC	Methylene Chloride	0%	NA	NA	0.025	0.025
10	S	VOC	Naphthalene	0%	NA	NA	0.005	0.005
10	S	VOC	n-Butylbenzene	0%	NA	NA	0.005	0.005
10	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.005
10	S	VOC	p-Isopropyltoluene	0%	NA	NA	0.005	0.005
10	S	VOC	sec-Butylbenzene	0%	NA	NA	0.005	0.005
10	S	VOC	Styrene	0%	NA	NA	0.005	0.005
10	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
10	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.005
10	S	VOC	Tetrachloroethene	0%	NA	NA	0.005	0.005
10	S	VOC	Toluene	0%	NA	NA	0.005	0.005
10	S	VOC	Total Xylene	0%	NA	NA	0.01	0.01
10	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
10	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.005
10	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.025	0.025
10	S	VOC	Vinyl chloride	0%	NA	NA	0.025	0.025
Area of Concern 11								
11	S	TPH	TPH-d	0%	NA	NA	5	5
11	S	TPH	TPH-d (sg)	0%	NA	NA	5	5
11	S	VOC	Benzene	0%	NA	NA	0.005	0.005
11	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
11	S	VOC	Toluene	0%	NA	NA	0.005	0.005
11	S	VOC	Total Xylene	0%	NA	NA	0.005	0.005
11	W	GEN	TDS	100%	15000000	1.5E+07	NA	NA
11	W	TPH	TPH-d	100%	51	96	NA	NA
11	W	TPH	TPH-d (sg)	100%	80	100	NA	NA
11	W	VOC	Benzene	0%	NA	NA	0.5	0.5
11	W	VOC	Ethylbenzene	0%	NA	NA	0.5	0.5
11	W	VOC	Toluene	0%	NA	NA	0.5	0.5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
11	W	VOC	Total Xylene	0%	NA	NA	0.5	0.5
Area of Concern 12								
12	S	TPH	TPH-d	0%	NA	NA	5	5
12	S	VOC	Benzene	0%	NA	NA	0.005	0.005
12	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
12	S	VOC	Toluene	0%	NA	NA	0.005	0.005
12	S	VOC	Total Xylene	0%	NA	NA	0.005	0.005
12	W	GEN	TDS	100%	2200000	2200000	NA	NA
12	W	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	5	5
12	W	SVOC	1,2-Dichlorobenzene	0%	NA	NA	5	5
12	W	SVOC	1,3-Dichlorobenzene	0%	NA	NA	5	5
12	W	SVOC	1,4-Dichlorobenzene	0%	NA	NA	5	5
12	W	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	10	10
12	W	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	10	10
12	W	SVOC	2,4-Dichlorophenol	0%	NA	NA	10	10
12	W	SVOC	2,4-Dimethylphenol	0%	NA	NA	5	5
12	W	SVOC	2,4-Dinitrophenol	0%	NA	NA	20	20
12	W	SVOC	2,4-Dinitrotoluene	0%	NA	NA	5	5
12	W	SVOC	2,6-Dinitrotoluene	0%	NA	NA	5	5
12	W	SVOC	2-Chloronaphthalene	0%	NA	NA	5	5
12	W	SVOC	2-Chlorophenol	0%	NA	NA	10	10
12	W	SVOC	2-Methylnaphthalene	0%	NA	NA	5	5
12	W	SVOC	2-Methylphenol	0%	NA	NA	5	5
12	W	SVOC	2-Nitroaniline	0%	NA	NA	5	5
12	W	SVOC	2-Nitrophenol	0%	NA	NA	20	20
12	W	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	10	10
12	W	SVOC	3-Nitroaniline	0%	NA	NA	5	5
12	W	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	20	20
12	W	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	5	5
12	W	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	5	5
12	W	SVOC	4-Chloroaniline	0%	NA	NA	5	5
12	W	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	5	5
12	W	SVOC	4-Methylphenol	0%	NA	NA	5	5
12	W	SVOC	4-Nitroaniline	0%	NA	NA	5	5
12	W	SVOC	4-Nitrophenol	0%	NA	NA	20	20
12	W	SVOC	Acenaphthene	0%	NA	NA	5	5
12	W	SVOC	Acenaphthylene	0%	NA	NA	5	5
12	W	SVOC	Aniline	0%	NA	NA	5	5
12	W	SVOC	Anthracene	0%	NA	NA	5	5
12	W	SVOC	Azobenzene	0%	NA	NA	5	5
12	W	SVOC	Benzo(a)anthracene	0%	NA	NA	5	5
12	W	SVOC	Benzo(a)pyrene	0%	NA	NA	5	5
12	W	SVOC	Benzo(b)fluoranthene	0%	NA	NA	5	5
12	W	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	5	5
12	W	SVOC	Benzo(k)fluoranthene	0%	NA	NA	5	5
12	W	SVOC	Benzoic acid	0%	NA	NA	20	20
12	W	SVOC	Benzyl alcohol	0%	NA	NA	5	5
12	W	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	5	5
12	W	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	5	5
12	W	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	5	5
12	W	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	5	5
12	W	SVOC	Butyl benzyl phthalate	0%	NA	NA	5	5
12	W	SVOC	Carbazole	0%	NA	NA	5	5
12	W	SVOC	Chrysene	0%	NA	NA	5	5
12	W	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	5	5
12	W	SVOC	Dibenzofuran	0%	NA	NA	5	5
12	W	SVOC	Diethyl phthalate	0%	NA	NA	5	5
12	W	SVOC	Dimethyl Phthalate	0%	NA	NA	5	5
12	W	SVOC	di-n-Butyl Phthalate	0%	NA	NA	5	5
12	W	SVOC	di-n-Octyl Phthalate	0%	NA	NA	5	5
12	W	SVOC	Fluoranthene	0%	NA	NA	5	5
12	W	SVOC	Fluorene	0%	NA	NA	5	5
12	W	SVOC	Hexachlorobenzene	0%	NA	NA	5	5
12	W	SVOC	Hexachlorobutadiene	0%	NA	NA	5	5
12	W	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	20	20
12	W	SVOC	Hexachloroethane	0%	NA	NA	5	5
12	W	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	5	5
12	W	SVOC	Isophorone	0%	NA	NA	5	5
12	W	SVOC	Naphthalene	0%	NA	NA	10	10

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
12	W	SVOC	Nitrobenzene	0%	NA	NA	5	5
12	W	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	5	5
12	W	SVOC	N-Nitrosodipropylamine	0%	NA	NA	5	5
12	W	SVOC	Pentachlorophenol	0%	NA	NA	20	20
12	W	SVOC	Phenanthrene	0%	NA	NA	5	5
12	W	SVOC	Phenol	0%	NA	NA	5	5
12	W	SVOC	Pyrene	0%	NA	NA	5	5
12	W	TPH	TPH-d	100%	61	130	NA	NA
12	W	TPH	TPH-d (sg)	100%	83	130	NA	NA
12	W	VOC	Benzene	0%	NA	NA	0.5	0.5
12	W	VOC	Ethylbenzene	0%	NA	NA	0.5	0.5
12	W	VOC	Toluene	0%	NA	NA	0.5	0.5
12	W	VOC	Total Xylene	0%	NA	NA	0.5	0.5
Area of Concern 13								
13	S	METAL	Antimony	0%	NA	NA	10	10
13	S	METAL	Arsenic	100%	25	25	NA	NA
13	S	METAL	Barium	100%	21	21	NA	NA
13	S	METAL	Beryllium	0%	NA	NA	1	1
13	S	METAL	Cadmium	0%	NA	NA	1	1
13	S	METAL	Chromium	100%	18	18	NA	NA
13	S	METAL	Cobalt	0%	NA	NA	4	4
13	S	METAL	Copper	100%	4	4	NA	NA
13	S	METAL	Lead	0%	NA	NA	10	10
13	S	METAL	Mercury	0%	NA	NA	0.019	0.019
13	S	METAL	Molybdenum	0%	NA	NA	4	4
13	S	METAL	Nickel	100%	20	20	NA	NA
13	S	METAL	Selenium	0%	NA	NA	10	10
13	S	METAL	Silver	0%	NA	NA	1	1
13	S	METAL	Vanadium	100%	13	13	NA	NA
13	S	METAL	Zinc	100%	15	15	NA	NA
13	S	TPH	TPH-d	0%	NA	NA	5	5
13	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
13	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.005	0.005
13	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
13	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.005
13	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.005
13	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
13	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.005
13	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.005
13	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.005
13	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.005
13	S	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.005	0.005
13	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.025	0.025
13	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.005
13	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.005
13	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.005
13	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.005
13	S	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.005	0.005
13	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.005
13	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.005
13	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.005
13	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.005
13	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.005
13	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.005
13	S	VOC	Benzene	0%	NA	NA	0.005	0.005
13	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.005
13	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.005
13	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.005
13	S	VOC	Bromoform	0%	NA	NA	0.005	0.005
13	S	VOC	Bromomethane	0%	NA	NA	0.025	0.025
13	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.005
13	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.005
13	S	VOC	Chloroethane	0%	NA	NA	0.005	0.005
13	S	VOC	Chloroform	0%	NA	NA	0.025	0.025
13	S	VOC	Chloromethane	0%	NA	NA	0.025	0.025
13	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
13	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.005
13	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.005
13	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.025	0.025

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
13	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
13	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.005
13	S	VOC	Isopropylbenzene	0%	NA	NA	0.005	0.005
13	S	VOC	Methylene Chloride	0%	NA	NA	0.025	0.025
13	S	VOC	Naphthalene	0%	NA	NA	0.005	0.005
13	S	VOC	n-Butylbenzene	0%	NA	NA	0.005	0.005
13	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.005
13	S	VOC	p-Isopropyltoluene	0%	NA	NA	0.005	0.005
13	S	VOC	sec-Butylbenzene	0%	NA	NA	0.005	0.005
13	S	VOC	Styrene	0%	NA	NA	0.005	0.005
13	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
13	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.005
13	S	VOC	Tetrachloroethene	0%	NA	NA	0.005	0.005
13	S	VOC	Toluene	0%	NA	NA	0.005	0.005
13	S	VOC	Total Xylene	0%	NA	NA	0.01	0.01
13	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
13	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.005
13	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.025	0.025
13	S	VOC	Vinyl chloride	0%	NA	NA	0.025	0.025
Area of Concern 14								
14	S	METAL	Antimony	0%	NA	NA	2.5	10
14	S	METAL	Arsenic	42%	3.1	26	2.5	2.5
14	S	METAL	Barium	100%	10	42	NA	NA
14	S	METAL	Beryllium	0%	NA	NA	0.5	1
14	S	METAL	Cadmium	33%	0.5	4.2	0.5	1
14	S	METAL	Chromium	100%	14	41	NA	NA
14	S	METAL	Cobalt	83%	2.8	6.4	4	4
14	S	METAL	Copper	100%	3.4	23	NA	NA
14	S	METAL	Lead	33%	4.2	21	3	10
14	S	METAL	Mercury	17%	0.024	0.029	0.02	0.06
14	S	METAL	Molybdenum	0%	NA	NA	2	4
14	S	METAL	Nickel	100%	17	40	NA	NA
14	S	METAL	Selenium	0%	NA	NA	2.5	10
14	S	METAL	Silver	0%	NA	NA	1	1
14	S	METAL	Thallium	0%	NA	NA	2.5	2.5
14	S	METAL	Vanadium	100%	9.3	25	NA	NA
14	S	METAL	Zinc	100%	12	140	NA	NA
14	S	TPH	TPH-d	25%	3	23	1	20
14	S	TPH	TPH-d (sg)	100%	22	22	NA	NA
14	S	TPH	TPH-g	0%	NA	NA	1	1
14	S	TPH	TPH-Jet Fuel	11%	10	10	1	1
14	S	TPH	TPH-mo	11%	10	10	5	25
14	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
14	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.005	0.005
14	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
14	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.005
14	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.005
14	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
14	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.005
14	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.005
14	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.005
14	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.005
14	S	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.005	0.005
14	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.005	0.025
14	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.005
14	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.005
14	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.005
14	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.005
14	S	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.005	0.005
14	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.005
14	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.005
14	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.005
14	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.005
14	S	VOC	2-Butanone	0%	NA	NA	0.01	0.01
14	S	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.005	0.005
14	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.005
14	S	VOC	2-Hexanone	0%	NA	NA	0.005	0.005
14	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.005
14	S	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.005	0.005

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
14	S	VOC	Acetone	0%	NA	NA	0.05	0.05
14	S	VOC	Benzene	0%	NA	NA	0.005	0.005
14	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.005
14	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.005
14	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.005
14	S	VOC	Bromoform	0%	NA	NA	0.005	0.005
14	S	VOC	Bromomethane	0%	NA	NA	0.005	0.025
14	S	VOC	Carbon disulfide	0%	NA	NA	0.005	0.005
14	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.005
14	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.005
14	S	VOC	Chloroethane	0%	NA	NA	0.005	0.005
14	S	VOC	Chloroform	0%	NA	NA	0.005	0.025
14	S	VOC	Chloromethane	0%	NA	NA	0.005	0.025
14	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
14	S	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
14	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.005
14	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.005
14	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.005	0.025
14	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
14	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.005
14	S	VOC	Isopropylbenzene	0%	NA	NA	0.005	0.005
14	S	VOC	Methyl iodide	0%	NA	NA	0.01	0.01
14	S	VOC	Methylene Chloride	0%	NA	NA	0.005	0.025
14	S	VOC	Naphthalene	0%	NA	NA	0.005	0.005
14	S	VOC	n-Butylbenzene	0%	NA	NA	0.005	0.005
14	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.005
14	S	VOC	p-Isopropyltoluene	0%	NA	NA	0.005	0.005
14	S	VOC	sec-Butylbenzene	0%	NA	NA	0.005	0.005
14	S	VOC	Styrene	0%	NA	NA	0.005	0.005
14	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
14	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.005
14	S	VOC	Tetrachloroethene	0%	NA	NA	0.005	0.005
14	S	VOC	Toluene	0%	NA	NA	0.005	0.005
14	S	VOC	Total Xylene	0%	NA	NA	0.005	0.01
14	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
14	S	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
14	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.005
14	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.005	0.025
14	S	VOC	Vinyl acetate	0%	NA	NA	0.05	0.05
14	S	VOC	Vinyl chloride	0%	NA	NA	0.005	0.025
14	W	GEN	TDS	100%	1900000	1900000	NA	NA
14	W	METAL	Antimony	0%	NA	NA	50	50
14	W	METAL	Arsenic	0%	NA	NA	50	50
14	W	METAL	Barium	67%	77	120	50	50
14	W	METAL	Beryllium	33%	5.8	5.8	5	5
14	W	METAL	Cadmium	0%	NA	NA	5	5
14	W	METAL	Chromium	0%	NA	NA	5	5
14	W	METAL	Cobalt	0%	NA	NA	20	20
14	W	METAL	Copper	33%	5.6	5.6	5	5
14	W	METAL	Lead	33%	50	50	50	50
14	W	METAL	Mercury	0%	NA	NA	0.2	0.2
14	W	METAL	Molybdenum	0%	NA	NA	20	20
14	W	METAL	Nickel	0%	NA	NA	20	20
14	W	METAL	Selenium	0%	NA	NA	50	50
14	W	METAL	Silver	0%	NA	NA	5	5
14	W	METAL	Thallium	0%	NA	NA	50	50
14	W	METAL	Vanadium	0%	NA	NA	20	20
14	W	METAL	Zinc	33%	21	21	20	20
14	W	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	5	5
14	W	SVOC	1,2-Dichlorobenzene	0%	NA	NA	5	5
14	W	SVOC	1,3-Dichlorobenzene	0%	NA	NA	5	5
14	W	SVOC	1,4-Dichlorobenzene	0%	NA	NA	5	5
14	W	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	10	10
14	W	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	10	10
14	W	SVOC	2,4-Dichlorophenol	0%	NA	NA	10	10
14	W	SVOC	2,4-Dimethylphenol	0%	NA	NA	5	5
14	W	SVOC	2,4-Dinitrophenol	0%	NA	NA	20	20
14	W	SVOC	2,4-Dinitrotoluene	0%	NA	NA	5	5
14	W	SVOC	2,6-Dinitrotoluene	0%	NA	NA	5	5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
14	W	SVOC	2-Chloronaphthalene	0%	NA	NA	5	5
14	W	SVOC	2-Chlorophenol	0%	NA	NA	10	10
14	W	SVOC	2-Methylnaphthalene	0%	NA	NA	5	5
14	W	SVOC	2-Methylphenol	0%	NA	NA	5	5
14	W	SVOC	2-Nitroaniline	0%	NA	NA	5	5
14	W	SVOC	2-Nitrophenol	0%	NA	NA	20	20
14	W	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	10	10
14	W	SVOC	3-Nitroaniline	0%	NA	NA	5	5
14	W	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	20	20
14	W	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	5	5
14	W	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	5	5
14	W	SVOC	4-Chloroaniline	0%	NA	NA	5	5
14	W	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	5	5
14	W	SVOC	4-Methylphenol	0%	NA	NA	5	5
14	W	SVOC	4-Nitroaniline	0%	NA	NA	5	5
14	W	SVOC	4-Nitrophenol	0%	NA	NA	20	20
14	W	SVOC	Acenaphthene	0%	NA	NA	5	5
14	W	SVOC	Acenaphthylene	0%	NA	NA	5	5
14	W	SVOC	Aniline	0%	NA	NA	5	5
14	W	SVOC	Anthracene	0%	NA	NA	5	5
14	W	SVOC	Azobenzene	0%	NA	NA	5	5
14	W	SVOC	Benzo(a)anthracene	0%	NA	NA	5	5
14	W	SVOC	Benzo(a)pyrene	0%	NA	NA	5	5
14	W	SVOC	Benzo(b)fluoranthene	0%	NA	NA	5	5
14	W	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	5	5
14	W	SVOC	Benzo(k)fluoranthene	0%	NA	NA	5	5
14	W	SVOC	Benzoic acid	0%	NA	NA	20	20
14	W	SVOC	Benzyl alcohol	0%	NA	NA	5	5
14	W	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	5	5
14	W	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	5	5
14	W	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	5	5
14	W	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	5	5
14	W	SVOC	Butyl benzyl phthalate	0%	NA	NA	5	5
14	W	SVOC	Carbazole	0%	NA	NA	5	5
14	W	SVOC	Chrysene	0%	NA	NA	5	5
14	W	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	5	5
14	W	SVOC	Dibenzofuran	0%	NA	NA	5	5
14	W	SVOC	Diethyl phthalate	0%	NA	NA	5	5
14	W	SVOC	Dimethyl Phthalate	0%	NA	NA	5	5
14	W	SVOC	di-n-Butyl Phthalate	0%	NA	NA	5	5
14	W	SVOC	di-n-Octyl Phthalate	0%	NA	NA	5	5
14	W	SVOC	Fluoranthene	0%	NA	NA	5	5
14	W	SVOC	Fluorene	0%	NA	NA	5	5
14	W	SVOC	Hexachlorobenzene	0%	NA	NA	5	5
14	W	SVOC	Hexachlorobutadiene	0%	NA	NA	5	5
14	W	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	20	20
14	W	SVOC	Hexachloroethane	0%	NA	NA	5	5
14	W	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	5	5
14	W	SVOC	Isophorone	0%	NA	NA	5	5
14	W	SVOC	Naphthalene	0%	NA	NA	10	10
14	W	SVOC	Nitrobenzene	0%	NA	NA	5	5
14	W	SVOC	N-Nitrosodimethylamine	0%	NA	NA	5	5
14	W	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	5	5
14	W	SVOC	N-Nitrosodipropylamine	0%	NA	NA	5	5
14	W	SVOC	Pentachlorophenol	0%	NA	NA	20	20
14	W	SVOC	Phenanthrene	0%	NA	NA	5	5
14	W	SVOC	Phenol	0%	NA	NA	5	5
14	W	SVOC	Pyrene	0%	NA	NA	5	5
14	W	TPH	TPH-d	67%	230	250	50	50
14	W	TPH	TPH-d (sg)	100%	120	160	NA	NA
14	W	TPH	TPH-g	0%	NA	NA	50	50
14	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	0.5
14	W	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.5	0.5
14	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	1	1
14	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	0.5
14	W	VOC	1,1-Dichloroethane	0%	NA	NA	0.5	0.5
14	W	VOC	1,1-Dichloroethene	0%	NA	NA	0.5	0.5
14	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	0.5
14	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	0.5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
14	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	0.5
14	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	0.5
14	W	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.5	0.5
14	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	1	1
14	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	0.5
14	W	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.5	0.5
14	W	VOC	1,2-Dichloroethane	0%	NA	NA	0.5	0.5
14	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	0.5
14	W	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.5	0.5
14	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	0.5
14	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	0.5
14	W	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.5	0.5
14	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	0.5
14	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	0.5
14	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	0.5
14	W	VOC	Benzene	0%	NA	NA	0.5	0.5
14	W	VOC	Bromobenzene	0%	NA	NA	0.5	0.5
14	W	VOC	Bromochloromethane	0%	NA	NA	0.5	0.5
14	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	0.5
14	W	VOC	Bromoform	0%	NA	NA	0.5	0.5
14	W	VOC	Bromomethane	0%	NA	NA	1	1
14	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	0.5
14	W	VOC	Chlorobenzene	0%	NA	NA	0.5	0.5
14	W	VOC	Chloroethane	0%	NA	NA	0.5	0.5
14	W	VOC	Chloroform	0%	NA	NA	0.5	0.5
14	W	VOC	Chloromethane	0%	NA	NA	0.5	0.5
14	W	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.5	0.5
14	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	0.5
14	W	VOC	Dibromomethane	0%	NA	NA	0.5	0.5
14	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	0.5
14	W	VOC	Ethylbenzene	0%	NA	NA	0.5	0.5
14	W	VOC	Hexachlorobutadiene	0%	NA	NA	1	1
14	W	VOC	Isopropylbenzene	0%	NA	NA	0.5	0.5
14	W	VOC	Methylene Chloride	0%	NA	NA	1	1
14	W	VOC	Naphthalene	0%	NA	NA	1	1
14	W	VOC	n-Butylbenzene	0%	NA	NA	0.5	0.5
14	W	VOC	n-Propylbenzene	0%	NA	NA	0.5	0.5
14	W	VOC	p-Isopropyltoluene	0%	NA	NA	0.5	0.5
14	W	VOC	sec-Butylbenzene	0%	NA	NA	0.5	0.5
14	W	VOC	Styrene	0%	NA	NA	0.5	0.5
14	W	VOC	tert-Butyl methyl ether	0%	NA	NA	0.5	0.5
14	W	VOC	tert-Butylbenzene	0%	NA	NA	0.5	0.5
14	W	VOC	Tetrachloroethene	0%	NA	NA	0.5	0.5
14	W	VOC	Toluene	0%	NA	NA	0.5	0.5
14	W	VOC	Total Xylene	0%	NA	NA	0.5	0.5
14	W	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.5	0.5
14	W	VOC	Trichloroethene	0%	NA	NA	0.5	0.5
14	W	VOC	Trichlorofluoromethane	0%	NA	NA	0.5	0.5
14	W	VOC	Vinyl chloride	0%	NA	NA	0.5	0.5
Area of Concern 15								
15	S	TPH	TPH-d	0%	NA	NA	5	5
15	S	VOC	Benzene	0%	NA	NA	0.005	0.005
15	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
15	S	VOC	Toluene	0%	NA	NA	0.005	0.005
15	S	VOC	Total Xylene	0%	NA	NA	0.005	0.005
15	W	GEN	TDS	100%	1300000	1300000	NA	NA
15	W	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	56	56
15	W	SVOC	1,2-Dichlorobenzene	0%	NA	NA	56	56
15	W	SVOC	1,3-Dichlorobenzene	0%	NA	NA	56	56
15	W	SVOC	1,4-Dichlorobenzene	0%	NA	NA	56	56
15	W	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	110	110
15	W	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	110	110
15	W	SVOC	2,4-Dichlorophenol	0%	NA	NA	110	110
15	W	SVOC	2,4-Dimethylphenol	0%	NA	NA	56	56
15	W	SVOC	2,4-Dinitrophenol	0%	NA	NA	220	220
15	W	SVOC	2,4-Dinitrotoluene	0%	NA	NA	56	56
15	W	SVOC	2,6-Dinitrotoluene	0%	NA	NA	56	56
15	W	SVOC	2-Chloronaphthalene	0%	NA	NA	56	56
15	W	SVOC	2-Chlorophenol	0%	NA	NA	110	110

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations Min	Detected Concentrations Max	Non-Detect Concentrations Min	Non-Detect Concentrations Max
15	W	SVOC	2-Methylnaphthalene	0%	NA	NA	56	56
15	W	SVOC	2-Methylphenol	0%	NA	NA	56	56
15	W	SVOC	2-Nitroaniline	0%	NA	NA	56	56
15	W	SVOC	2-Nitrophenol	0%	NA	NA	220	220
15	W	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	110	110
15	W	SVOC	3-Nitroaniline	0%	NA	NA	56	56
15	W	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	220	220
15	W	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	56	56
15	W	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	56	56
15	W	SVOC	4-Chloroaniline	0%	NA	NA	56	56
15	W	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	56	56
15	W	SVOC	4-Methylphenol	0%	NA	NA	56	56
15	W	SVOC	4-Nitroaniline	0%	NA	NA	56	56
15	W	SVOC	4-Nitrophenol	0%	NA	NA	220	220
15	W	SVOC	Acenaphthene	0%	NA	NA	56	56
15	W	SVOC	Acenaphthylene	0%	NA	NA	56	56
15	W	SVOC	Aniline	0%	NA	NA	56	56
15	W	SVOC	Anthracene	0%	NA	NA	56	56
15	W	SVOC	Azobenzene	0%	NA	NA	56	56
15	W	SVOC	Benzo(a)anthracene	0%	NA	NA	56	56
15	W	SVOC	Benzo(a)pyrene	0%	NA	NA	56	56
15	W	SVOC	Benzo(b)fluoranthene	0%	NA	NA	56	56
15	W	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	56	56
15	W	SVOC	Benzo(k)fluoranthene	0%	NA	NA	56	56
15	W	SVOC	Benzoic acid	0%	NA	NA	220	220
15	W	SVOC	Benzyl alcohol	0%	NA	NA	56	56
15	W	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	56	56
15	W	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	56	56
15	W	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	56	56
15	W	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	56	56
15	W	SVOC	Butyl benzyl phthalate	0%	NA	NA	56	56
15	W	SVOC	Carbazole	0%	NA	NA	56	56
15	W	SVOC	Chrysene	0%	NA	NA	56	56
15	W	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	56	56
15	W	SVOC	Dibenzofuran	0%	NA	NA	56	56
15	W	SVOC	Diethyl phthalate	0%	NA	NA	56	56
15	W	SVOC	Dimethyl Phthalate	0%	NA	NA	56	56
15	W	SVOC	di-n-Butyl Phthalate	0%	NA	NA	56	56
15	W	SVOC	di-n-Octyl Phthalate	0%	NA	NA	56	56
15	W	SVOC	Fluoranthene	0%	NA	NA	56	56
15	W	SVOC	Fluorene	0%	NA	NA	56	56
15	W	SVOC	Hexachlorobenzene	0%	NA	NA	56	56
15	W	SVOC	Hexachlorobutadiene	0%	NA	NA	56	56
15	W	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	220	220
15	W	SVOC	Hexachloroethane	0%	NA	NA	56	56
15	W	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	56	56
15	W	SVOC	Isophorone	0%	NA	NA	56	56
15	W	SVOC	Naphthalene	0%	NA	NA	110	110
15	W	SVOC	Nitrobenzene	0%	NA	NA	56	56
15	W	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	56	56
15	W	SVOC	N-Nitrosodipropylamine	0%	NA	NA	56	56
15	W	SVOC	Pentachlorophenol	0%	NA	NA	220	220
15	W	SVOC	Phenanthrene	0%	NA	NA	56	56
15	W	SVOC	Phenol	0%	NA	NA	56	56
15	W	SVOC	Pyrene	0%	NA	NA	56	56
15	W	TPH	TPH-d	100%	360	620	NA	NA
15	W	TPH	TPH-d (sg)	100%	140	160	NA	NA
15	W	VOC	Benzene	0%	NA	NA	0.5	0.5
15	W	VOC	Ethylbenzene	0%	NA	NA	0.5	0.5
15	W	VOC	Toluene	0%	NA	NA	0.5	0.5
15	W	VOC	Total Xylene	33%	1.5	1.5	0.5	0.5
Area of Concern 16								
16	S	METAL	Antimony	0%	NA	NA	2.5	2.5
16	S	METAL	Arsenic	13%	2.8	2.8	2.5	2.5
16	S	METAL	Barium	100%	26	58	NA	NA
16	S	METAL	Beryllium	0%	NA	NA	0.5	0.5
16	S	METAL	Cadmium	0%	NA	NA	0.5	0.5
16	S	METAL	Chromium	100%	16	32	NA	NA
16	S	METAL	Cobalt	100%	2.5	5.6	NA	NA

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
16	S	METAL	Copper	100%	3	17	NA	NA
16	S	METAL	Lead	0%	NA	NA	3	3
16	S	METAL	Mercury	0%	NA	NA	0.06	0.06
16	S	METAL	Molybdenum	0%	NA	NA	2	2
16	S	METAL	Nickel	100%	15	39	NA	NA
16	S	METAL	Selenium	0%	NA	NA	2.5	2.5
16	S	METAL	Silver	0%	NA	NA	1	1
16	S	METAL	Thallium	0%	NA	NA	2.5	2.5
16	S	METAL	Vanadium	100%	10	22	NA	NA
16	S	METAL	Zinc	100%	9.6	27	NA	NA
16	S	TPH	TPH-d	0%	NA	NA	1	5
16	S	TPH	TPH-g	0%	NA	NA	1	1
16	S	TPH	TPH-Jet Fuel	0%	NA	NA	1	1
16	S	TPH	TPH-mo	0%	NA	NA	5	5
16	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
16	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.005	0.005
16	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
16	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.005
16	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.005
16	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.005
16	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.005
16	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.005
16	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.005
16	S	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.005	0.005
16	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.005	0.005
16	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.005
16	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.005
16	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.005
16	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.005
16	S	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.005	0.005
16	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.005
16	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.005
16	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.005
16	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.005
16	S	VOC	2-Butanone	0%	NA	NA	0.01	0.01
16	S	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.005	0.005
16	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.005
16	S	VOC	2-Hexanone	0%	NA	NA	0.005	0.005
16	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.005
16	S	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.005	0.005
16	S	VOC	Acetone	0%	NA	NA	0.05	0.05
16	S	VOC	Benzene	0%	NA	NA	0.005	0.005
16	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.005
16	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.005
16	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.005
16	S	VOC	Bromoform	0%	NA	NA	0.005	0.005
16	S	VOC	Bromomethane	0%	NA	NA	0.005	0.005
16	S	VOC	Carbon disulfide	0%	NA	NA	0.005	0.005
16	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.005
16	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.005
16	S	VOC	Chloroethane	0%	NA	NA	0.005	0.005
16	S	VOC	Chloroform	0%	NA	NA	0.005	0.005
16	S	VOC	Chloromethane	0%	NA	NA	0.005	0.005
16	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
16	S	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
16	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.005
16	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.005
16	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.005	0.005
16	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
16	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.005
16	S	VOC	Isopropylbenzene	0%	NA	NA	0.005	0.005
16	S	VOC	Methyl iodide	0%	NA	NA	0.01	0.01
16	S	VOC	Methylene Chloride	0%	NA	NA	0.005	0.005
16	S	VOC	Naphthalene	0%	NA	NA	0.005	0.005
16	S	VOC	n-Butylbenzene	0%	NA	NA	0.005	0.005
16	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.005
16	S	VOC	p-Isopropyltoluene	0%	NA	NA	0.005	0.005
16	S	VOC	sec-Butylbenzene	0%	NA	NA	0.005	0.005
16	S	VOC	Styrene	0%	NA	NA	0.005	0.005

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
16	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
16	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.005
16	S	VOC	Tetrachloroethene	0%	NA	NA	0.005	0.005
16	S	VOC	Toluene	0%	NA	NA	0.005	0.005
16	S	VOC	Total Xylene	0%	NA	NA	0.005	0.005
16	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
16	S	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
16	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.005
16	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.005	0.005
16	S	VOC	Vinyl acetate	0%	NA	NA	0.05	0.05
16	S	VOC	Vinyl chloride	0%	NA	NA	0.005	0.005
16	W	TPH	TPH-d	100%	67	67	NA	NA
16	W	TPH	TPH-d (sg)	100%	69	69	NA	NA
16	W	VOC	Benzene	0%	NA	NA	0.5	0.5
16	W	VOC	Ethylbenzene	0%	NA	NA	0.5	0.5
16	W	VOC	Toluene	0%	NA	NA	0.5	0.5
16	W	VOC	Total Xylene	0%	NA	NA	0.5	0.5
Area of Concern 17								
17	W	GEN	Alkalinity	100%	670000	760000	NA	NA
17	W	GEN	Nitrate	0%	NA	NA	2000	2000
17	W	GEN	Sulfate	100%	350000	630000	NA	NA
17	W	METAL	Antimony	0%	NA	NA	60	60
17	W	METAL	Arsenic	57%	8	847	5	5
17	W	METAL	Barium	75%	100	180	50	50
17	W	METAL	Beryllium	0%	NA	NA	2	4
17	W	METAL	Cadmium	0%	NA	NA	5	5
17	W	METAL	Chromium	0%	NA	NA	20	20
17	W	METAL	Cobalt	0%	NA	NA	50	50
17	W	METAL	Copper	0%	NA	NA	50	50
17	W	METAL	Lead	0%	NA	NA	50	50
17	W	METAL	Mercury	0%	NA	NA	0.8	0.8
17	W	METAL	Molybdenum	0%	NA	NA	50	50
17	W	METAL	Nickel	25%	100	100	50	50
17	W	METAL	Selenium	0%	NA	NA	50	500
17	W	METAL	Silver	0%	NA	NA	10	10
17	W	METAL	Thallium	0%	NA	NA	50	50
17	W	METAL	Vanadium	0%	NA	NA	50	50
17	W	METAL	Zinc	0%	NA	NA	50	50
17	W	SVOC	1,2,4-Trichlorobenzene	0%	NA	NA	5	5
17	W	SVOC	1,2-Dichlorobenzene	0%	NA	NA	5	5
17	W	SVOC	1,3-Dichlorobenzene	0%	NA	NA	5	5
17	W	SVOC	1,4-Dichlorobenzene	0%	NA	NA	5	5
17	W	SVOC	2,4,5-Trichlorophenol	0%	NA	NA	10	10
17	W	SVOC	2,4,6-Trichlorophenol	0%	NA	NA	10	10
17	W	SVOC	2,4-Dichlorophenol	0%	NA	NA	10	10
17	W	SVOC	2,4-Dimethylphenol	0%	NA	NA	5	5
17	W	SVOC	2,4-Dinitrophenol	0%	NA	NA	20	20
17	W	SVOC	2,4-Dinitrotoluene	0%	NA	NA	5	5
17	W	SVOC	2,6-Dinitrotoluene	0%	NA	NA	5	5
17	W	SVOC	2-Chloronaphthalene	0%	NA	NA	5	5
17	W	SVOC	2-Chlorophenol	0%	NA	NA	10	10
17	W	SVOC	2-Methylnaphthalene	0%	NA	NA	5	5
17	W	SVOC	2-Methylphenol	0%	NA	NA	5	5
17	W	SVOC	2-Nitroaniline	0%	NA	NA	5	5
17	W	SVOC	2-Nitrophenol	0%	NA	NA	20	20
17	W	SVOC	3,3'-Dichlorobenzidine	0%	NA	NA	10	10
17	W	SVOC	3-Nitroaniline	0%	NA	NA	5	5
17	W	SVOC	4,6-Dinitro-2-methylphenol	0%	NA	NA	20	20
17	W	SVOC	4-Bromophenyl phenyl ether	0%	NA	NA	5	5
17	W	SVOC	4-Chloro-3-methylphenol	0%	NA	NA	5	5
17	W	SVOC	4-Chloroaniline	0%	NA	NA	5	5
17	W	SVOC	4-chlorophenyl phenyl Ether	0%	NA	NA	5	5
17	W	SVOC	4-Methylphenol	0%	NA	NA	5	5
17	W	SVOC	4-Nitroaniline	0%	NA	NA	5	5
17	W	SVOC	4-Nitrophenol	0%	NA	NA	20	20
17	W	SVOC	Acenaphthene	0%	NA	NA	5	5
17	W	SVOC	Acenaphthylene	0%	NA	NA	5	5
17	W	SVOC	Aniline	0%	NA	NA	5	5
17	W	SVOC	Anthracene	0%	NA	NA	5	5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
17	W	SVOC	Azobenzene	0%	NA	NA	5	5
17	W	SVOC	Benzo(a)anthracene	0%	NA	NA	5	5
17	W	SVOC	Benzo(a)pyrene	0%	NA	NA	5	5
17	W	SVOC	Benzo(b)fluoranthene	0%	NA	NA	5	5
17	W	SVOC	Benzo(g,h,i)perylene	0%	NA	NA	5	5
17	W	SVOC	Benzo(k)fluoranthene	0%	NA	NA	5	5
17	W	SVOC	Benzoic acid	0%	NA	NA	20	20
17	W	SVOC	Benzyl alcohol	0%	NA	NA	5	5
17	W	SVOC	bis(2-Chloroethoxy) methane	0%	NA	NA	5	5
17	W	SVOC	bis(2-chloroethyl) ether	0%	NA	NA	5	5
17	W	SVOC	bis(2-chloroisopropyl) ether	0%	NA	NA	5	5
17	W	SVOC	bis(2-Ethylhexyl) phthalate	0%	NA	NA	5	5
17	W	SVOC	Butyl benzyl phthalate	0%	NA	NA	5	5
17	W	SVOC	Carbazole	0%	NA	NA	5	5
17	W	SVOC	Chrysene	0%	NA	NA	5	5
17	W	SVOC	Dibenz(a,h)anthracene	0%	NA	NA	5	5
17	W	SVOC	Dibenzofuran	0%	NA	NA	5	5
17	W	SVOC	Diethyl phthalate	0%	NA	NA	5	5
17	W	SVOC	Dimethyl Phthalate	0%	NA	NA	5	5
17	W	SVOC	di-n-Butyl Phthalate	0%	NA	NA	5	5
17	W	SVOC	di-n-Octyl Phthalate	0%	NA	NA	5	5
17	W	SVOC	Fluoranthene	0%	NA	NA	5	5
17	W	SVOC	Fluorene	0%	NA	NA	5	5
17	W	SVOC	Hexachlorobenzene	0%	NA	NA	5	5
17	W	SVOC	Hexachlorobutadiene	0%	NA	NA	5	5
17	W	SVOC	Hexachlorocyclopentadiene	0%	NA	NA	20	20
17	W	SVOC	Hexachloroethane	0%	NA	NA	5	5
17	W	SVOC	Indeno(1,2,3-cd)pyrene	0%	NA	NA	5	5
17	W	SVOC	Isophorone	0%	NA	NA	5	5
17	W	SVOC	Naphthalene	0%	NA	NA	10	10
17	W	SVOC	Nitrobenzene	0%	NA	NA	5	5
17	W	SVOC	N-Nitrosodimethylamine	0%	NA	NA	5	5
17	W	SVOC	N-Nitrosodiphenylamine	0%	NA	NA	5	5
17	W	SVOC	N-Nitrosodipropylamine	0%	NA	NA	5	5
17	W	SVOC	Pentachlorophenol	0%	NA	NA	20	20
17	W	SVOC	Phenanthrene	0%	NA	NA	5	5
17	W	SVOC	Phenol	0%	NA	NA	5	5
17	W	SVOC	Pyrene	0%	NA	NA	5	5
17	W	TPH	TPH-Bunker Oil	0%	NA	NA	250	250
17	W	TPH	TPH-d	30%	82	280	50	50
17	W	TPH	TPH-d (sg)	100%	78	120	NA	NA
17	W	TPH	TPH-g	0%	NA	NA	50	50
17	W	TPH	TPH-Heat Oil	0%	NA	NA	250	250
17	W	TPH	TPH-Hydraulic Oil	0%	NA	NA	250	250
17	W	TPH	TPH-Jet Fuel	0%	NA	NA	50	50
17	W	TPH	TPH-Kerosene	0%	NA	NA	50	50
17	W	TPH	TPH-mo	0%	NA	NA	250	250
17	W	TPH	TPH-Stoddard Solvent	0%	NA	NA	50	50
17	W	TPH	TPH-Transformer Oil	0%	NA	NA	250	250
17	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	0.5
17	W	VOC	1,1,1-Trichloroethane	8%	0.8	0.8	0.5	1.2
17	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.5	1
17	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	0.5
17	W	VOC	1,1-Dichloroethane	62%	1.3	4.9	0.5	1.2
17	W	VOC	1,1-Dichloroethene	0%	NA	NA	0.5	1.2
17	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	0.5
17	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	0.5
17	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	0.5
17	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	0.5
17	W	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.5	1.2
17	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	1	2
17	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	0.5
17	W	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.5	1
17	W	VOC	1,2-Dichloroethane	0%	NA	NA	0.5	0.5
17	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	0.5
17	W	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.5	1.2
17	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	0.5
17	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	0.5
17	W	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.5	0.5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
17	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	0.5
17	W	VOC	2-Butanone	0%	NA	NA	10	10
17	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	0.5
17	W	VOC	2-Hexanone	0%	NA	NA	10	10
17	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	0.5
17	W	VOC	4-Methyl-2-pentanone	0%	NA	NA	10	10
17	W	VOC	Acetone	0%	NA	NA	10	10
17	W	VOC	Benzene	0%	NA	NA	0.5	1.2
17	W	VOC	Bromobenzene	0%	NA	NA	0.5	0.5
17	W	VOC	Bromochloromethane	0%	NA	NA	0.5	0.5
17	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	0.5
17	W	VOC	Bromoform	0%	NA	NA	0.5	1
17	W	VOC	Bromomethane	0%	NA	NA	1	1
17	W	VOC	Carbon disulfide	0%	NA	NA	0.5	0.5
17	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	0.5
17	W	VOC	Chlorobenzene	0%	NA	NA	0.5	0.5
17	W	VOC	Chloroethane	0%	NA	NA	0.5	1.2
17	W	VOC	Chloroform	0%	NA	NA	0.5	0.5
17	W	VOC	Chloromethane	0%	NA	NA	0.5	1.2
17	W	VOC	cis-1,2-Dichloroethene	15%	3	4.6	0.5	1.2
17	W	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.5	0.5
17	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	0.5
17	W	VOC	Dibromomethane	0%	NA	NA	0.5	0.5
17	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	0.5
17	W	VOC	Ethyl tert-Butyl Ether (ETBE)	0%	NA	NA	0.5	0.5
17	W	VOC	Ethylbenzene	0%	NA	NA	0.5	1.2
17	W	VOC	Freon 113	0%	NA	NA	0.5	0.5
17	W	VOC	Freon 12	0%	NA	NA	1	1
17	W	VOC	Hexachlorobutadiene	0%	NA	NA	0.5	1
17	W	VOC	Isopropyl Ether (DIPE)	0%	NA	NA	0.5	0.5
17	W	VOC	Isopropylbenzene	0%	NA	NA	0.5	1.2
17	W	VOC	m,p-Xylenes	0%	NA	NA	0.5	0.5
17	W	VOC	Methyl tert-Amyl Ether (TAME)	0%	NA	NA	0.5	0.5
17	W	VOC	Methylene Chloride	0%	NA	NA	0.5	10
17	W	VOC	Naphthalene	0%	NA	NA	0.5	2
17	W	VOC	n-Butylbenzene	0%	NA	NA	0.5	1
17	W	VOC	n-Propylbenzene	0%	NA	NA	0.5	1
17	W	VOC	o-Xylene	0%	NA	NA	0.5	0.5
17	W	VOC	p-Isopropyltoluene	0%	NA	NA	0.5	1.2
17	W	VOC	sec-Butylbenzene	0%	NA	NA	0.5	0.5
17	W	VOC	Styrene	0%	NA	NA	0.5	1.2
17	W	VOC	tert-Butyl Alcohol (TBA)	0%	NA	NA	10	10
17	W	VOC	tert-Butyl methyl ether	80%	0.65	84	0.5	0.5
17	W	VOC	tert-Butylbenzene	0%	NA	NA	0.5	1
17	W	VOC	Tetrachloroethene	0%	NA	NA	0.5	0.5
17	W	VOC	Toluene	0%	NA	NA	0.5	1.2
17	W	VOC	Total Xylene	0%	NA	NA	0.5	1.2
17	W	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.5	1
17	W	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.5	0.5
17	W	VOC	Trichloroethene	0%	NA	NA	0.5	1.2
17	W	VOC	Trichlorofluoromethane	0%	NA	NA	0.5	1
17	W	VOC	Vinyl acetate	0%	NA	NA	10	10
17	W	VOC	Vinyl chloride	0%	NA	NA	0.5	0.5
Area of Concern 18								
18	S	METAL	Antimony	0%	NA	NA	2.5	2.5
18	S	METAL	Arsenic	0%	NA	NA	2.5	2.5
18	S	METAL	Barium	100%	14	48	NA	NA
18	S	METAL	Beryllium	0%	NA	NA	0.5	0.5
18	S	METAL	Cadmium	0%	NA	NA	0.5	0.5
18	S	METAL	Chromium	100%	20	25	NA	NA
18	S	METAL	Cobalt	100%	3.3	4.4	NA	NA
18	S	METAL	Copper	100%	4	6.7	NA	NA
18	S	METAL	Lead	0%	NA	NA	3	3
18	S	METAL	Mercury	40%	0.064	0.093	0.06	0.06
18	S	METAL	Molybdenum	0%	NA	NA	2	2
18	S	METAL	Nickel	100%	18	26	NA	NA
18	S	METAL	Selenium	0%	NA	NA	2.5	2.5
18	S	METAL	Silver	0%	NA	NA	1	1
18	S	METAL	Thallium	0%	NA	NA	2.5	2.5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
18	S	METAL	Vanadium	100%	13	15	NA	NA
18	S	METAL	Zinc	100%	11	21	NA	NA
18	S	TPH	TPH-d	20%	2	2	1	1
18	S	TPH	TPH-g	0%	NA	NA	1	1
18	S	TPH	TPH-Jet Fuel	20%	1.4	1.4	1	1
18	S	TPH	TPH-mo	0%	NA	NA	0.005	5
18	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
18	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.005	0.005
18	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
18	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.005
18	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.005
18	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
18	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.005
18	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.005
18	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.005
18	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.005
18	S	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.005	0.005
18	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.005	0.025
18	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.005
18	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.005
18	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.005
18	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.005
18	S	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.005	0.005
18	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.005
18	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.005
18	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.005
18	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.005
18	S	VOC	2-Butanone	0%	NA	NA	0.01	0.01
18	S	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.005	0.005
18	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.005
18	S	VOC	2-Hexanone	0%	NA	NA	0.005	0.005
18	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.005
18	S	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.005	0.005
18	S	VOC	Acetone	0%	NA	NA	0.05	0.05
18	S	VOC	Benzene	0%	NA	NA	0.005	0.005
18	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.005
18	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.005
18	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.005
18	S	VOC	Bromoform	0%	NA	NA	0.005	0.005
18	S	VOC	Bromomethane	0%	NA	NA	0.005	0.025
18	S	VOC	Carbon disulfide	0%	NA	NA	0.005	0.005
18	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.005
18	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.005
18	S	VOC	Chloroethane	0%	NA	NA	0.005	0.005
18	S	VOC	Chloroform	0%	NA	NA	0.005	0.025
18	S	VOC	Chloromethane	0%	NA	NA	0.005	0.025
18	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
18	S	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
18	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.005
18	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.005
18	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.005	0.025
18	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
18	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.005
18	S	VOC	Isopropylbenzene	0%	NA	NA	0.005	0.005
18	S	VOC	Methyl iodide	0%	NA	NA	0.01	0.01
18	S	VOC	Methylene Chloride	0%	NA	NA	0.005	0.025
18	S	VOC	Naphthalene	0%	NA	NA	0.005	0.005
18	S	VOC	n-Butylbenzene	0%	NA	NA	0.005	0.005
18	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.005
18	S	VOC	p-Isopropyltoluene	0%	NA	NA	0.005	0.005
18	S	VOC	sec-Butylbenzene	0%	NA	NA	0.005	0.005
18	S	VOC	Styrene	0%	NA	NA	0.005	0.005
18	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
18	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.005
18	S	VOC	Tetrachloroethene	0%	NA	NA	0.005	0.005
18	S	VOC	Toluene	0%	NA	NA	0.005	0.005
18	S	VOC	Total Xylene	0%	NA	NA	0.005	0.01
18	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
18	S	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.005	0.005

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
18	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.005
18	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.005	0.025
18	S	VOC	Vinyl acetate	0%	NA	NA	0.05	0.05
18	S	VOC	Vinyl chloride	0%	NA	NA	0.005	0.025
18	W	METAL	Antimony	0%	NA	NA	60	600
18	W	METAL	Arsenic	0%	NA	NA	50	500
18	W	METAL	Barium	80%	99	570	5	5
18	W	METAL	Beryllium	0%	NA	NA	0.4	4
18	W	METAL	Cadmium	0%	NA	NA	0.5	5
18	W	METAL	Chromium	0%	NA	NA	2	20
18	W	METAL	Cobalt	0%	NA	NA	5	50
18	W	METAL	Copper	0%	NA	NA	5	50
18	W	METAL	Lead	0%	NA	NA	5	50
18	W	METAL	Mercury	0%	NA	NA	0.8	0.8
18	W	METAL	Molybdenum	0%	NA	NA	5	50
18	W	METAL	Nickel	0%	NA	NA	5	50
18	W	METAL	Selenium	0%	NA	NA	50	500
18	W	METAL	Silver	0%	NA	NA	1	10
18	W	METAL	Thallium	0%	NA	NA	50	500
18	W	METAL	Vanadium	0%	NA	NA	5	50
18	W	METAL	Zinc	0%	NA	NA	5	50
18	W	TPH	TPH-d	0%	NA	NA	50	50
18	W	TPH	TPH-g	0%	NA	NA	50	50
18	W	TPH	TPH-Jet Fuel	0%	NA	NA	50	50
18	W	TPH	TPH-mo	0%	NA	NA	250	250
18	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	0.5
18	W	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.5	0.5
18	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.5	1
18	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	0.5
18	W	VOC	1,1-Dichloroethane	14%	0.59	0.59	0.5	0.5
18	W	VOC	1,1-Dichloroethene	0%	NA	NA	0.5	0.5
18	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	0.5
18	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	0.5
18	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	0.5
18	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	0.5
18	W	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.5	0.5
18	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.5	1
18	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	0.5
18	W	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.5	0.5
18	W	VOC	1,2-Dichloroethane	0%	NA	NA	0.5	0.5
18	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	0.5
18	W	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.5	0.5
18	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	0.5
18	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	0.5
18	W	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.5	0.5
18	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	0.5
18	W	VOC	2-Butanone	0%	NA	NA	1	1
18	W	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.5	0.5
18	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	0.5
18	W	VOC	2-Hexanone	0%	NA	NA	0.5	0.5
18	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	0.5
18	W	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.5	0.5
18	W	VOC	Acetone	0%	NA	NA	5	5
18	W	VOC	Benzene	0%	NA	NA	0.5	0.5
18	W	VOC	Bromobenzene	0%	NA	NA	0.5	0.5
18	W	VOC	Bromochloromethane	0%	NA	NA	0.5	0.5
18	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	0.5
18	W	VOC	Bromoform	0%	NA	NA	0.5	0.5
18	W	VOC	Bromomethane	0%	NA	NA	0.5	1
18	W	VOC	Carbon disulfide	0%	NA	NA	0.5	0.5
18	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	0.5
18	W	VOC	Chlorobenzene	0%	NA	NA	0.5	0.5
18	W	VOC	Chloroethane	0%	NA	NA	0.5	0.5
18	W	VOC	Chloroform	0%	NA	NA	0.5	0.5
18	W	VOC	Chloromethane	29%	0.51	0.52	0.5	0.5
18	W	VOC	cis-1,2-Dichloroethene	29%	5	6.4	0.5	0.5
18	W	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.5	0.5
18	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	0.5
18	W	VOC	Dibromomethane	0%	NA	NA	0.5	0.5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations Min	Detected Concentrations Max	Non-Detect Concentrations Min	Non-Detect Concentrations Max
18	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	0.5
18	W	VOC	Ethylbenzene	0%	NA	NA	0.5	0.5
18	W	VOC	Hexachlorobutadiene	0%	NA	NA	0.5	1
18	W	VOC	Isopropylbenzene	0%	NA	NA	0.5	0.5
18	W	VOC	Methyl iodide	0%	NA	NA	1	1
18	W	VOC	Methylene Chloride	0%	NA	NA	0.5	1
18	W	VOC	Naphthalene	0%	NA	NA	0.5	1
18	W	VOC	n-Butylbenzene	0%	NA	NA	0.5	0.5
18	W	VOC	n-Propylbenzene	0%	NA	NA	0.5	0.5
18	W	VOC	p-Isopropyltoluene	0%	NA	NA	0.5	0.5
18	W	VOC	sec-Butylbenzene	0%	NA	NA	0.5	0.5
18	W	VOC	Styrene	0%	NA	NA	0.5	0.5
18	W	VOC	tert-Butyl methyl ether	0%	NA	NA	0.5	0.5
18	W	VOC	tert-Butylbenzene	0%	NA	NA	0.5	0.5
18	W	VOC	Tetrachloroethene	0%	NA	NA	0.5	0.5
18	W	VOC	Toluene	0%	NA	NA	0.5	0.5
18	W	VOC	Total Xylene	0%	NA	NA	0.5	0.5
18	W	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.5	0.5
18	W	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.5	0.5
18	W	VOC	Trichloroethene	29%	34	56	0.5	0.5
18	W	VOC	Trichlorofluoromethane	0%	NA	NA	0.5	0.5
18	W	VOC	Vinyl acetate	0%	NA	NA	5	5
18	W	VOC	Vinyl chloride	0%	NA	NA	0.5	0.5
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19	S	METAL	Antimony	0%	NA	NA	2.5	10
19	S	METAL	Arsenic	57%	2.5	82	2.5	2.5
19	S	METAL	Barium	100%	15	120	NA	NA
19	S	METAL	Beryllium	0%	NA	NA	0.5	1
19	S	METAL	Cadmium	37%	0.55	7.5	0.5	1
19	S	METAL	Chromium	100%	14	89	NA	NA
19	S	METAL	Cobalt	100%	2.7	11	NA	NA
19	S	METAL	Copper	100%	2.3	150	NA	NA
19	S	METAL	Lead	58%	3.1	44	3	10
19	S	METAL	Mercury	34%	0.039	0.52	0.02	0.06
19	S	METAL	Molybdenum	3%	3.4	3.4	2	4
19	S	METAL	Nickel	100%	14	72	NA	NA
19	S	METAL	Selenium	0%	NA	NA	2.5	10
19	S	METAL	Silver	3%	1	1	1	1
19	S	METAL	Thallium	0%	NA	NA	0.42	2.5
19	S	METAL	Vanadium	100%	9.4	54	NA	NA
19	S	METAL	Zinc	100%	8.6	180	NA	NA
19	S	TPH	TPH-d	34%	1.1	220	1	10
19	S	TPH	TPH-g	3%	2.7	2.7	0.001	1
19	S	TPH	TPH-Jet Fuel	8%	1.1	10	1	200
19	S	TPH	TPH-mo	33%	7.9	2100	5	5
19	S	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
19	S	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.005	0.005
19	S	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	0.005	0.005
19	S	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.005	0.005
19	S	VOC	1,1-Dichloroethane	0%	NA	NA	0.005	0.005
19	S	VOC	1,1-Dichloroethene	0%	NA	NA	0.005	0.005
19	S	VOC	1,1-Dichloropropene	0%	NA	NA	0.005	0.005
19	S	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.005	0.005
19	S	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.005	0.005
19	S	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.005	0.005
19	S	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.005	0.005
19	S	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	0.005	0.025
19	S	VOC	1,2-Dibromoethane	0%	NA	NA	0.005	0.005
19	S	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.005	0.005
19	S	VOC	1,2-Dichloroethane	0%	NA	NA	0.005	0.005
19	S	VOC	1,2-Dichloropropane	0%	NA	NA	0.005	0.005
19	S	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.005	0.005
19	S	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.005	0.005
19	S	VOC	1,3-Dichloropropane	0%	NA	NA	0.005	0.005
19	S	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.005	0.005
19	S	VOC	2,2-Dichloropropane	0%	NA	NA	0.005	0.005
19	S	VOC	2-Butanone	0%	NA	NA	0.01	0.01
19	S	VOC	2-chloroethyl vinyl Ether	0%	NA	NA	0.005	0.005
19	S	VOC	2-Chlorotoluene	0%	NA	NA	0.005	0.005

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
19	S	VOC	2-Hexanone	0%	NA	NA	0.005	0.005
19	S	VOC	4-Chlorotoluene	0%	NA	NA	0.005	0.005
19	S	VOC	4-Methyl-2-pentanone	0%	NA	NA	0.005	0.005
19	S	VOC	Acetone	0%	NA	NA	0.05	0.05
19	S	VOC	Benzene	0%	NA	NA	0.005	0.005
19	S	VOC	Bromobenzene	0%	NA	NA	0.005	0.005
19	S	VOC	Bromochloromethane	0%	NA	NA	0.005	0.005
19	S	VOC	Bromodichloromethane	0%	NA	NA	0.005	0.005
19	S	VOC	Bromoform	0%	NA	NA	0.005	0.005
19	S	VOC	Bromomethane	0%	NA	NA	0.005	0.025
19	S	VOC	Carbon disulfide	0%	NA	NA	0.005	0.005
19	S	VOC	Carbon tetrachloride	0%	NA	NA	0.005	0.005
19	S	VOC	Chlorobenzene	0%	NA	NA	0.005	0.005
19	S	VOC	Chloroethane	0%	NA	NA	0.005	0.005
19	S	VOC	Chloroform	0%	NA	NA	0.005	0.025
19	S	VOC	Chloromethane	0%	NA	NA	0.005	0.025
19	S	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
19	S	VOC	cis-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
19	S	VOC	Dibromochloromethane	0%	NA	NA	0.005	0.005
19	S	VOC	Dibromomethane	0%	NA	NA	0.005	0.005
19	S	VOC	Dichlorodifluoromethane	0%	NA	NA	0.005	0.025
19	S	VOC	Ethylbenzene	0%	NA	NA	0.005	0.005
19	S	VOC	Hexachlorobutadiene	0%	NA	NA	0.005	0.005
19	S	VOC	Isopropylbenzene	0%	NA	NA	0.005	0.05
19	S	VOC	Methyl iodide	0%	NA	NA	0.01	0.01
19	S	VOC	Methylene Chloride	0%	NA	NA	0.005	0.025
19	S	VOC	Naphthalene	0%	NA	NA	0.005	0.005
19	S	VOC	n-Butylbenzene	0%	NA	NA	0.005	0.005
19	S	VOC	n-Propylbenzene	0%	NA	NA	0.005	0.005
19	S	VOC	p-Isopropyltoluene	0%	NA	NA	0.005	0.005
19	S	VOC	sec-Butylbenzene	0%	NA	NA	0.005	0.005
19	S	VOC	Styrene	0%	NA	NA	0.005	0.005
19	S	VOC	tert-Butyl methyl ether	0%	NA	NA	0.005	0.005
19	S	VOC	tert-Butylbenzene	0%	NA	NA	0.005	0.005
19	S	VOC	Tetrachloroethene	0%	NA	NA	0.005	0.005
19	S	VOC	Toluene	0%	NA	NA	0.005	0.005
19	S	VOC	Total Xylene	0%	NA	NA	0.005	0.01
19	S	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.005	0.005
19	S	VOC	trans-1,3-Dichloropropene	0%	NA	NA	0.005	0.005
19	S	VOC	Trichloroethene	0%	NA	NA	0.005	0.005
19	S	VOC	Trichlorofluoromethane	0%	NA	NA	0.005	0.025
19	S	VOC	Vinyl acetate	0%	NA	NA	0.05	0.05
19	S	VOC	Vinyl chloride	0%	NA	NA	0.005	0.025
19	W	METAL	Antimony	0%	NA	NA	50	50
19	W	METAL	Arsenic	0%	NA	NA	50	50
19	W	METAL	Barium	50%	120	120	50	50
19	W	METAL	Beryllium	0%	NA	NA	5	5
19	W	METAL	Cadmium	0%	NA	NA	5	5
19	W	METAL	Chromium	0%	NA	NA	5	5
19	W	METAL	Cobalt	0%	NA	NA	20	20
19	W	METAL	Copper	0%	NA	NA	5	5
19	W	METAL	Lead	0%	NA	NA	50	50
19	W	METAL	Mercury	0%	NA	NA	0.2	0.2
19	W	METAL	Molybdenum	0%	NA	NA	20	20
19	W	METAL	Nickel	0%	NA	NA	20	20
19	W	METAL	Selenium	0%	NA	NA	50	50
19	W	METAL	Silver	0%	NA	NA	5	5
19	W	METAL	Thallium	0%	NA	NA	50	50
19	W	METAL	Vanadium	0%	NA	NA	20	20
19	W	METAL	Zinc	100%	5	8.1	NA	NA
19	W	TPH	TPH-d	0%	NA	NA	50	50
19	W	TPH	TPH-g	0%	NA	NA	50	50
19	W	VOC	1,1,1,2-Tetrachloroethane	0%	NA	NA	0.5	0.5
19	W	VOC	1,1,1-Trichloroethane	0%	NA	NA	0.5	0.5
19	W	VOC	1,1,2,2-Tetrachloroethane	0%	NA	NA	1	1
19	W	VOC	1,1,2-Trichloroethane	0%	NA	NA	0.5	0.5
19	W	VOC	1,1-Dichloroethane	0%	NA	NA	0.5	0.5
19	W	VOC	1,1-Dichloroethene	0%	NA	NA	0.5	0.5
19	W	VOC	1,1-Dichloropropene	0%	NA	NA	0.5	0.5

Table 2-7
Post-2002 Data Set – OMC – Minimum and Maximum Chemical Concentrations for Detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	Detected Concentrations		Non-Detect Concentrations	
					Min	Max	Min	Max
19	W	VOC	1,2,3-Trichlorobenzene	0%	NA	NA	0.5	0.5
19	W	VOC	1,2,3-Trichloropropane	0%	NA	NA	0.5	0.5
19	W	VOC	1,2,4-Trichlorobenzene	0%	NA	NA	0.5	0.5
19	W	VOC	1,2,4-Trimethylbenzene	0%	NA	NA	0.5	0.5
19	W	VOC	1,2-Dibromo-3-chloropropane	0%	NA	NA	1	1
19	W	VOC	1,2-Dibromoethane	0%	NA	NA	0.5	0.5
19	W	VOC	1,2-Dichlorobenzene	0%	NA	NA	0.5	0.5
19	W	VOC	1,2-Dichloroethane	0%	NA	NA	0.5	0.5
19	W	VOC	1,2-Dichloropropane	0%	NA	NA	0.5	0.5
19	W	VOC	1,3,5-Trimethylbenzene	0%	NA	NA	0.5	0.5
19	W	VOC	1,3-Dichlorobenzene	0%	NA	NA	0.5	0.5
19	W	VOC	1,3-Dichloropropane	0%	NA	NA	0.5	0.5
19	W	VOC	1,4-Dichlorobenzene	0%	NA	NA	0.5	0.5
19	W	VOC	2,2-Dichloropropane	0%	NA	NA	0.5	0.5
19	W	VOC	2-Chlorotoluene	0%	NA	NA	0.5	0.5
19	W	VOC	4-Chlorotoluene	0%	NA	NA	0.5	0.5
19	W	VOC	Benzene	0%	NA	NA	0.5	0.5
19	W	VOC	Bromobenzene	0%	NA	NA	0.5	0.5
19	W	VOC	Bromochloromethane	0%	NA	NA	0.5	0.5
19	W	VOC	Bromodichloromethane	0%	NA	NA	0.5	0.5
19	W	VOC	Bromoform	0%	NA	NA	0.5	0.5
19	W	VOC	Bromomethane	0%	NA	NA	1	1
19	W	VOC	Carbon tetrachloride	0%	NA	NA	0.5	0.5
19	W	VOC	Chlorobenzene	0%	NA	NA	0.5	0.5
19	W	VOC	Chloroethane	0%	NA	NA	0.5	0.5
19	W	VOC	Chloroform	0%	NA	NA	0.5	0.5
19	W	VOC	Chloromethane	0%	NA	NA	0.5	0.5
19	W	VOC	cis-1,2-Dichloroethene	0%	NA	NA	0.5	0.5
19	W	VOC	Dibromochloromethane	0%	NA	NA	0.5	0.5
19	W	VOC	Dibromomethane	0%	NA	NA	0.5	0.5
19	W	VOC	Dichlorodifluoromethane	0%	NA	NA	0.5	0.5
19	W	VOC	Ethylbenzene	0%	NA	NA	0.5	0.5
19	W	VOC	Hexachlorobutadiene	0%	NA	NA	1	1
19	W	VOC	Isopropylbenzene	0%	NA	NA	0.5	0.5
19	W	VOC	Methylene Chloride	0%	NA	NA	1	1
19	W	VOC	Naphthalene	0%	NA	NA	1	1
19	W	VOC	n-Butylbenzene	0%	NA	NA	0.5	0.5
19	W	VOC	n-Propylbenzene	0%	NA	NA	0.5	0.5
19	W	VOC	p-Isopropyltoluene	0%	NA	NA	0.5	0.5
19	W	VOC	sec-Butylbenzene	0%	NA	NA	0.5	0.5
19	W	VOC	Styrene	0%	NA	NA	0.5	0.5
19	W	VOC	tert-Butyl methyl ether	0%	NA	NA	0.5	0.5
19	W	VOC	tert-Butylbenzene	0%	NA	NA	0.5	0.5
19	W	VOC	Tetrachloroethene	0%	NA	NA	0.5	0.5
19	W	VOC	Toluene	0%	NA	NA	0.5	0.5
19	W	VOC	Total Xylene	0%	NA	NA	0.5	0.5
19	W	VOC	trans-1,2-Dichloroethene	0%	NA	NA	0.5	0.5
19	W	VOC	Trichloroethene	0%	NA	NA	0.5	0.5
19	W	VOC	Trichlorofluoromethane	0%	NA	NA	0.5	0.5
19	W	VOC	Vinyl chloride	0%	NA	NA	0.5	0.5

Notes
All water (W) units are in micrograms per liter (ug/L)
All soil (S) units are in milligrams per kilogram (mg/kg).
NA = not analyzed

Table 2-8
Post-2002 Data Set - MF25/MF26 - Soil Results - TPH - Nuisance Levels

Sample Location	Sample Depth	Date Sampled	TPH-d		TPH-g		TPH-jf		TPH-mo	
	Gross Contamination Level (a)		500		500		500		2500	
Area MF25/MF26										
B-10-11	11	8/30/2011	**41**		<0.24		**8.6**		**69**	
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-10-6	6	8/30/2011	**3.3**	Y	<0.25		**1.7**	Y	<49	
B-1-10	10	8/30/2011	<0.99		<0.24		<0.99		<50	
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-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-1-2	2	8/30/2011	**1.5**		<0.25		<0.98		<49	
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-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-13-2	2	8/30/2011	**2400**	J	**220**		**2300**	J	<1000	UJ
B-13-4	4	8/30/2011	**7.1**		**17**		**4.1**		<50	
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	
B-1-4	4	8/30/2011	<0.99		<0.25		<0.99		<49	
B-1-6	6	8/30/2011	**1.1**		<0.24		<0.99		<50	
B-2-10.5	10.5	8/30/2011	**1.5**		<0.24		**1.6**		<50	
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-2-6	6	8/30/2011	<0.98		<0.24		<0.98		<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-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-4-2	2	8/30/2011	**19**		**770**		**17**		<50	
B-4-4	4	8/30/2011	**8.5**		**0.94**		**6.7**		<50	
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-5-2	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-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-6-10	10	8/30/2011	**40**		<0.25		**11**		**71**	
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-6-6	6	8/30/2011	**70**		**18**		**57**		<49	
B-7-10	10	8/30/2011	**9.8**		<0.25		**2.3**		<50	

Table 2-8
Post-2002 Data Set - MF25/MF26 - Soil Results - TPH - Nuisance Levels

Sample Location	Sample Depth	Date Sampled	TPH-d		TPH-g		TPH-jf		TPH-mo	
	Gross Contamination Level (a)		500		500		500		2500	
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-7-6	6	8/30/2011	**1.5**		<0.24		<0.99		<50	
B-8-11	11	8/30/2011	<0.99		<0.23		<0.99		<49	
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-8-6	6	8/30/2011	**1.2**		<0.25		<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-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

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 Shallow Soil Gross Contamination Ceiling Levels (RWQCB May 2008).

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Table 2-9
Post-2002 Data Set - MF25/MF26 - Soil Results - VOC - Nuisance Levels

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	820
Area MF25/MF26																			
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-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-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-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-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-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-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-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-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-13-2	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
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
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-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-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-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-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-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-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-4-2	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-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-5-2	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-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-6-10	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-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-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-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

Table 2-9
Post-2002 Data Set - MF25/MF26 - Soil Results - VOC - Nuisance Levels

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	820
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-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-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-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-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-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-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

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 I-2 Groundwater Gross Contamination Ceiling Levels (Groundwater is Not a Current or Potential Source of Drinking Water) (RWQCB May 2008).

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) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Table 2-10
Post-2002 Data Set - MF25/MF26 - Groundwater Results - TPH - Nuisance Levels

Sample Location	Date Sampled	TPH-d		TPH-g	TPH-ho	TPH-jf		TPH-mo	
Gross Contamination Level (a)		2500	NS	5000	2500	2500	NS	2500	NS
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) Gross contamination screening level value is based on Table I-2 Groundwater Gross Contamination Ceiling Levels (Groundwater is Not a Current or Potential Source of Drinking Water) (RWQCB May 2008).

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
Y = Sample exhibits chromatographic pattern which does not resemble standard

References

RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Table 2-11
Post-2002 Data Set - MF25/MF26 - Groundwater Results - VOC - Nuisance Levels

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
Gross Contamination Level (a)		50000	15000	NS	50000	NS	2000	160	50000	300	NS		5300	210	NS	NS	5300	NS	NS	NS	3000	400	5300	2600	50000	0.047
Area MF25/MF26																										
MW-1	6/30/2006	**13**	**2**	<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**	**4**	**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**	**7**	**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	**7**	<0.5	**1.6**	**34**	**1.9**	**1.7**	**17**	**2.5**		**9**	**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	**2**	<0.5	<0.5	**20**	**2.8**	**2**	**11**	**2**		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**	**3**	<0.5	<0.5	<0.5	**5.9**	**1.4**	**5.4**	**1**	**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**	**5**	**3**	<0.5	**0.98**	**13**	**2.2**	**51**	**2**	**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**	**4**	<0.5	**1.2**	**14**	**2.2**	**50**	**2**	**2.2**		NA	**7**	**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**	**2**	<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**	<0.5
MW-7_20110823	8/23/2011	**7.1**	**4**	<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	**3**	<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) Gross contamination screening level value is based on Table I-2 Groundwater Gross Contamination Ceiling Levels (Groundwater is Not a Current or Potential Source of Drinking Water) (RWQCB May 2008).

References
RWQCB (San Francisco Bay Regional Water Quality Control Board) 2008. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater November 2007, Updated May 2008. California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.htm.

Table 2-12
Pre-Remediation – MF25/MF26 – Minimum and Maximum Chemical Concentrations

Description of Area	Media	Pre-Remediation		
		Pre-UST removal, 1988	Tank Removal Soil and GW investigation, 1992	Pre-Remediation Investigations and Monitoring Well Installations, 1992-1998
Former Off-Site Waste Oil and Solvent USTs (MF-25 and MF-26): The two underground storage tanks (one 3,000-gallon and one 1,000-gallon) were installed in 1978. A Phase I soil investigation was performed in October 1998 and a Phase II soil sampling investigation was performed in December 1998. In March 1992, the two USTs were removed along with approximately 700 cy of impacted soil. The excavation was backfilled with pea gravel, a geomembrane liner, and aggregate base rock. The area has since been paved and used for parking. Since 1992, 8 monitoring wells have been installed in the area. Two rounds of oxygen-releasing compound (ORC) injections have been performed at the site (12/1998 and 6/2000) for remediation.	**Soil**	**TPHg:** <10 to 2,800 mg/kg **TPHk:** <10 to 9,500 mg/kg **Toluene:** <0.025 to 11.0 mg/kg **Ethylbenzene:** <0.025 to 20.0 mg/kg **Total Xylenes:** <0.025 to 44.0 mg/kg **1,1,1-TCA:** <0.025 to 0.90 mg/kg **TCE:** <0.025 to 1.7 mg/kg **Napthalene:** <0.33 to 15 mg/kg **Barium:** 25 to 120 mg/kg **Chromium:** 19 to 20 mg/kg **Cobalt:** 3.4 to 3.5 mg/kg **Copper:** 5.9 to 13 mg/kg **Nickel:** 18 to 20 mg/kg **Vanadium:** 14 mg/kg **Zinc:** 13 to 16 mg/kg	**TPHg:** <0.3 to 11,000 mg/kg **TPHd:** <1 to 1,000 mg/kg **Oil & Grease:** <50 to 19,000 mg/kg **Benzene:** <0.005 to 190 mg/kg **Toluene:** <0.005 to 580 mg/kg **Total Xylenes:** 20 to 700 mg/kg **Ethylbenzene:** <0.005 to 150 mg/kg **Cadmium:** <0.2 mg/kg **Chromium:** 21 to 31 mg/kg **Nickel:** 19 to 29 mg/kg **Lead:** 2.1 to 3.7 mg/kg **Zinc:** 13 to 20 mg/kg **1,1,1-TCA:** <0.005 to 140 mg/kg **1,1-DCA:** <0.005 to 30 mg/kg **TCE:** <0.005 to 100 mg/kg **Napthalene:** 2.7 to 34 mg/kg **NOTE:** additional SVOC results presented in Table 4 (Port of Oakland, 2001)	**TPHg:** <1 to 6,300 mg/kg **TPHd**: <1 to 13 mg/kg **TPHj:** <1 to 11,000 mg/kg **TPHmo:** <4 to 1,600 mg/kg **Benzene:** <0.005 to <5 mg/kg **Toluene:** <0.005 to 61 mg/kg **Ethylbenzene:** <0.005 to 22 mg/kg **Total Xylenes:** <0.005 to 135 mg/kg **VOCs:** ND **SVOCS:** ND
Former Off-Site Waste Oil and Solvent USTs (MF-25 and MF-26): The two underground storage tanks (one 3,000-gallon and one 1,000-gallon) were installed in 1978. A Phase I soil investigation was performed in October 1998 and a Phase II soil sampling investigation was performed in December 1998. In March 1992, the two USTs were removed along with approximately 700 cy of impacted soil. The excavation was backfilled with pea gravel, a geomembrane liner, and aggregate base rock. The area has since been paved and used for parking. Since 1992, 8 monitoring wells have been installed in the area. Two rounds of oxygen-releasing compound (ORC) injections have been performed at the site (12/1998 and 6/2000) for remediation.	**Groundwater**	No groundwater sample results are available before 1992.	**Benzene:** <0.4 ug/L **Toluene:** <0.3 ug/L **Ethylbenzene:** <0.3 ug/L **Total Xylenes:** <0.4 ug/L **MTBE:** NA **TPHd:** NA **TPHg:** <50 ug/L **TPHj:** <50 to 800 ug/L **TPHmo:** NA Maximum concentrations from 4 quarters of monitoring in MW-1 in 1992 (Port of Oakland 2001)	**Benzene:** <0.4 to 340 ug/L **Toluene:** <0.3 to 680 ug/L **Ethylbenzene:** <0.3 to 110 ug/L **Total Xylenes:** <0.4 to 580 ug/L **MTBE:** <2.5 to 2.9 ug/L **TPHd:** <47 to 79,000 ug/L **TPHg:** <50 to 9,900 ug/L **TPHj:** <48 to 110,000 ug/L **TPHmo:** <250 to 31,000 ug/L **1,1-DCA:** <0.5 to 440 ug/L **1,2-DCA:** <0.5 to 10 ug/L **TCE:** <0.5 to 6.7 ug/L **PCE:** <0.5 to 9.0 ug/L **1,1-DCE:** <0.2 to 520 ug/L **1,2-DCE:** <0.5 to 220 ug/L **NOTE:** additional SVOC results presented in Table 10 (Port of Oakland, 2001)

Table 2-13
Post-Remediation – MF25/MF26 – Minimum and Maximum Chemical Concentrations

Description of Area	Media	Post-Remediation			
		ORC Period (1999 to 2001)	2003	2006	2011
Former Off-Site Waste Oil and Solvent USTs (MF-25 and MF-26): The two underground storage tanks (one 3,000-gallon and one 1,000-gallon) were installed in 1978. A Phase I soil investigation was performed in October 1998 and a Phase II soil sampling investigation was performed in December 1998. In March 1992, the two USTs were removed along with approximately 700 cy of impacted soil. The excavation was backfilled with pea gravel, a geomembrane liner, and aggregate base rock. The area has since been paved and used for parking. Since 1992, 8 monitoring wells have been installed in the area. Two rounds of oxygen-releasing compound (ORC) injections have been performed at the site (12/1998 and 6/2000) for remediation.	**Soil**	No soil data was collected during this time frame.	No soil data was collected during this time frame.	No soil data was collected during this time frame.	**Benzene:** <0.0046 to <9.9 mg/kg **Toluene:** <0.0046 to 17 mg/kg **Ethylbenzene:** 0.029 to 9.7 g/kg **Total Xylenes:** 0.12 to 50 mg/kg **MTBE:** <0.0046 to <9.9 mg/kg **TPHd:** <0.98 to 12,000 mg/kg **TPHg:** <0.23 to 2,000 mg/kg **TPHj:** 1.1 to 12,000 mg/kg **TPHmo:** 69 to 690 mg/kg **1,1-DCA:** 0.0082 to 0.035 mg/kg **1,2-DCA**: <0.0046 to <9.9 mg/kg **TCE:** 0.0057 to 0.0057 mg/kg **PCE:** <<0.0046 to <9.9 mg/kg **1,1-DCE:** <0.0052 to 0.033 mg/kg
	Groundwater	**Benzene:** <0.5 to 120 ug/L **Toluene:** <0.5 to 280 ug/L **Ethylbenzene:** <0.5 to 97 ug/L **Total Xylenes:** <0.5 to 360 ug/L **MTBE:** <2.5 to 11 ug/L **TPHd:** <50 to 21,000 ug/L **TPHg:** <50 to 17,000 ug/L **TPHj:** <50 to 36,000 ug/L **TPHmo:** <50 to 26,000 ug/L **1,1-DCA:** <0.5 to 500 ug/L **1,2-DCA:** <0.5 to 11 ug/L **TCE:** <0.5 to 5.5 ug/L **PCE:** <0.5 to 1.9 ug/L **1,1-DCE:** <0.5 to 700 ug/L **NOTE:** additional SVOC results presented in Table 10 (Port of Oakland, 2001)	No groundwater data was collected during this time frame.	**Benzene:** <0.5 to 34 ug/L **Toluene:** <0.5 to 26 ug/L **Ethylbenzene:** <0.5 to 97 ug/L **Total Xylenes:** <0.5 to 200 ug/L **MTBE:** <0.5 to <0.7 ug/L **TPHd:** <50 to 2,500 ug/L **TPHg:** <50 to 2,700 ug/L **TPHj:** <50 to 2,600 ug/L **TPHmo:** <300 to <300 ug/L **1,1-DCA:** <0.5 to 56 ug/L **1,2-DCA**: <0.5 to <0.7 ug/L **TCE:** <0.5 to 1.1 ug/L **PCE:** <0.5 to 0.9 ug/L **1,1-DCE:** <0.5 to 51 ug/L	**Benzene:** 0.5 to 20 ug/L **Toluene:** <0.5 to 1.8 ug/L **Ethylbenzene:** <0.5 to 57 ug/L **Total Xylenes:** <1 to 24 ug/L **MTBE:** <0.5 to <0.5 ug/L **TPHd:** <50 to 80,000 ug/L **TPHg:** <50 to 1,500 ug/L **TPHj:** <50 to 64,000 ug/L **TPHmo:** 140 to 33,000 ug/L **1,1-DCA:** <0.5 to 41 ug/L **1,2-DCA**: <0.5 to 2.5 ug/L **TCE:** <0.5 to 15 ug/L **PCE:** <0.5 to 1.1 ug/L **1,1-DCE:** <0.5 to 87 ug/L

Table 3-1
AOC Summary Table – 2004 Risk Assessment and 2006 Site Investigation

Area of Concern	2004 Risk Assessment (ERM 2004)					
	Exposure Population	**Chemicals Detected Above Tier-1 Soil Standard [2]**	**Chemicals Detected Above Tier-1 Ground Water Standard[2]**	**Chemicals Detected Above Tier-2 Soil Standard[2]**	**Chemicals Detected Above Tier-2 Ground Water Standard[2]**	**Notes Regarding Tier-3 Evaluation**
1 – Small Parts Wash Rack : Alkaline cleaners and solvents were used in this area, which contained several sumps and a concrete berm. A cleaning room, in which chlorinated solvents may have been used, was also in this area.	Airport Workers	No Tier 1 exceedances	**1,1-DCA:** ERM-MW-5 @ 52 ug/L **Naphthalene:** ERM-MW-1 @ 26 ug/L		Tier 1 exceedances were compared to Tier 2 standards. No Tier 2 exceedances were noted.	
	Construction Workers	**Chromium:** W-B-5 @ 70 mg/kg	No Tier 1 exceedances	**Chromium[1]:** W-B-5 @ 70 mg/kg		See note (1) below, 95% UCL mean of chromium concentrations below Tier-1, likely background
	Ecological Receptors	No Tier 1 exceedances	**1,1-DCA:** ERM-MW-5 @ 52 ug/L **1,1-DCE** : ERM-MW-5 @ 4.2 ug/L **Naphthalene:** ERM-MW-1 @ 26 ug/L **Cobalt:** ERM-B-1 @ 0.02 mg/L **Nickel:** ERM-MW-01 @ 0.19 mg/L ERM-MW-02 @ 0.036 mg/L ERM-MW-03 @ 0.049 mg/L ERM-MW-04 @ 0.20 mg/L ERM-MW-05 @ 0.045 mg/L ERM-MW-11 @ 0.014 mg/L ERM-MW-12 @ 0.010 mg/L ERM-MW-13 @ 0.16 mg/L ERM-MW-14 @ 0.59 mg/L		Tier 1 exceedances were compared to Tier 2 standards. No Tier 2 exceedances were noted except the following: **Nickel**: ERM-MW-14 @ 0.59 mg/L	95% UCL mean of nickel concentrations below Tier-1, limited extent, possibly background, additional assessment of dilution and attenuation indicates concentrations in ground water not a threat to surface water
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. The risks associated with the Tier 1 exceedances were not considered a threat to potential receptors since there were no Tier 2 exceedances except for chromium and nickel. For the metals Tier 2 exceedances, ERM conducted a statistical analysis and determined that the 95% UCL means of all concentrations were below Tier 1 standards, and therefore not a threat. A comparison of site soil concentrations to typical background concentrations in soil in the Bay Area for nickel and chromium determined that the site concentrations are likely background, and therefore not a threat.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	Low level detections for VOCs were observed, with no exceedances of ESLs. No Further Action was recommended.				

Table 3-1
AOC Summary Table – 2004 Risk Assessment and 2006 Site Investigation

Area of Concern	2004 Risk Assessment (ERM 2004)					
	Exposure Population	**Chemicals Detected Above Tier-1 Soil Standard (2)**	**Chemicals Detected Above Tier-1 Ground Water Standard(2)**	**Chemicals Detected Above Tier-2 Soil Standard(2)**	**Chemicals Detected Above Tier-2 Ground Water Standard(2)**	**Notes Regarding Tier-3 Evaluation**
2 - Aircraft Wash Rack: Aircraft were washed using steam cleaners and alkaline cleaner in this area. The wash water was collected in drains, diverted to sumps and routed to the sanitary sewer system for treatment. Based on exceedances of discharge limits for copper and cadmium in the sanitary sewer, trench drain collectors and a metals treatment plant were installed in 2001.	Airport Workers	**TPPH:** W-B-7 @ 1,000 mg/kg **TPH as Diesel:** W-B-7 @ 1,800 mg/kg **TPH as Jet Fuel**: W-B-7 @ 1,800 mg/kg	**Naphthalene:** ERM-MW-9 @ 29 ug/L **Xylenes:** ERM-MW-9 @ 18 ug/L **TPH as Diesel:** ERM-MW-9 @ 760 ug/L	Tier 1 exceedances were compared to Tier 2 standards. No Tier 2 exceedances were noted.	Tier 1 exceedances were compared to Tier 2 standards. No Tier 2 exceedances were noted.	
	Construction Workers	**TPPH:** W-B-7 @ 1,000 mg/kg **TPH as Diesel:** W-B-7 @ 1,800 mg/kg **TPH as Jet Fuel:** W-B-7 @ 1,800 mg/kg **Arsenic:** W-B-8 @ 12 mg/kg	No Tier 1 exceedances	Tier 1 exceedances were compared to Tier 2 standards. No Tier 2 exceedances were noted.		
	Ecological Receptors	No Tier 1 exceedances	**Naphthalene:** ERM-MW-9 @ 29 ug/L **Xylenes:** ERM-MW-9 @ 18 ug/L **TPH as Diesel**: ERM-MW-9 @ 760 ug/L **Cadmium:** ERM-B-7 @ 0.0056 mg/L **Copper:** ERM-B-7 @ 0.0054 mg/L, ERM-MW-06 @ 0.017 mg/L **Lead**: ERM-MW-06 @ 0.021 mg/L ERM-MW-07 @ 0.033 mg/L ERM-MW-08 @ 0,033 mg/L ERM-MW-09 @ 0.02 mg/L **Nickel**: ERM-B-7 @ 0.092 mg/L, ERM-MW-06 @ 0.01 mg/L ERM-MW-07 @ 0.084 mg/L ERM-MW-08 @ 0.24 mg/L ERM-MW-09 @ 0.37 mg/L ERM-MW-16 @ 0.013 mg/L **Zinc**: W-B-8 @ 0.79 mg/L		Tier 1 exceedances were compared to Tier 2 standards. No Tier 2 exceedances were noted except the following: **Nickel:** ERM-MW-08 @ 0.24 mg/L ERM-MW-09 @ 0.37 mg/L	95% UCL mean of nickel concentrations below Tier 1, limited extent, elevated concentrations only detected in one of two sampling events, possibly background, additional assessment of dilution and attenuation indicates concentrations in ground water not a threat to surface water.
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. The risks associated with the Tier 1 exceedances were not considered a threat to potential receptors since there were no Tier 2 exceedances except for nickel. For the nickel Tier 2 exceedances, ERM conducted a statistical analysis as well as a comparison of site soil concentrations to typical background concentrations in soil in the Bay Area, and determined that the concentrations are isolated and likely background, and therefore not a threat.				

Table 3-1
AOC Summary Table – 2004 Risk Assessment and 2006 Site Investigation

Area of Concern	2004 Risk Assessment (ERM 2004)					
	Exposure Population	**Chemicals Detected Above Tier-1 Soil Standard [2]**	**Chemicals Detected Above Tier-1 Ground Water Standard[2]**	**Chemicals Detected Above Tier-2 Soil Standard[2]**	**Chemicals Detected Above Tier-2 Ground Water Standard[2]**	**Notes Regarding Tier-3 Evaluation**
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	Low level detections for VOCs and TPH were observed, with no exceedances of ESLs. No Further Action was recommended.				
3 - Industrial Wastewater Vault: This AOC consists of a concrete sump, which was used to collect the wash water from AOC 2. Water was treated with the metals treatment system installed in 2001 prior to discharge. The diversion channel from the sump in this area to the storm water drains is unlined, making metals a concern for this area	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	**Arsenic:** W-B-10 @ 25 mg/kg, W-B-12 @ 12 mg/kg **Cadmium:** W-B-10 @ 14 mg/kg, W-B-12 @ 44 mg/kg **Chromium:** W-B-12 @ 90 mg/kg **Copper:** W-B-12 @ 4,200 mg/kg **Molybdenum:** W-B-12 @ 260 mg/kg **Nickel:** W-B-12 @ 340 mg/kg	No Tier 1 exceedances	Tier 1 exceedances were compared to Tier 2 standards. No Tier 2 exceedances were noted except the following: **Arsenic**: W-B-10 @ 25 mg/kg **Cadmium**: W-B-12 @ 44 mg/kg **Chromium[1] :** W-B-12 @ 90 mg/kg	No Tier 2 analysis was conducted since there were no Tier 1 exceedances	95% UCL mean of cadmium concentrations below Tier-1, limited extent. 95% UCL mean of arsenic concentrations below Tier-1, likely background. See note (1) below, 95% UCL mean of chromium concentrations below Tier 1, likely background.
	Ecological Receptors	No Tier 1 exceedances	**Nickel**: ERM-MW-10 @ 0.12 mg/L	No Tier 2 analysis was conducted since there were no Tier 1 exceedances	Tier 1 exceedances were compared to Tier 2 standards. No Tier 2 exceedances were noted.	
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. The risks associated with the Tier 1 exceedances were not considered a threat to potential receptors since there were no Tier 2 exceedances except for chromium, arsenic and cadmium. For the metals Tier 2 exceedances, ERM conducted a statistical analysis and found that the 95% UCL means of all concentrations were below Tier 1 standards, and therefore not a threat. A comparison of site soil concentrations to typical background concentrations in soil in the Bay Area for arsenic and chromium determined that the site concentrations are likely background, and therefore not a threat.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No detections for VOCs or TPH. No Further Action was recommended.				

Table 3-1
AOC Summary Table – 2004 Risk Assessment and 2006 Site Investigation

Area of Concern	2004 Risk Assessment (ERM 2004)					
	Exposure Population	**Chemicals Detected Above Tier-1 Soil Standard [2]**	**Chemicals Detected Above Tier-1 Ground Water Standard[2]**	**Chemicals Detected Above Tier-2 Soil Standard[2]**	**Chemicals Detected Above Tier-2 Ground Water Standard[2]**	**Notes Regarding Tier-3 Evaluation**
4 - Aboveground Fuel Storage Tank: This tank, installed in 1999, is a double-walled, fuel AST with two compartments (8,000-gallon diesel tank and 4,000-gallon unleaded fuel tank). The tank is housed on concrete paving, however, minor staining on the pad led to this area being considered an AOC.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. No Tier 1 exceedances were observed				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-4.				
5 - Vehicle Maintenance Center: Since 1988, this area has been used for vehicle maintenance. A subgrade hydraulic lift was used in this area, and minor staining was observed.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	**Chromium:** W-B-1 @ 190 mg/kg W-B-2 @ 60 mg/kg W-B-3 @ 180 mg/kg	No Tier 1 exceedances	**Chromium[1] :** W-B-1 @ 190 mg/kg W-B-2 @ 60 mg/kg W-B-3 @ 180 mg/kg		See note (1) below, 95% UCL mean of chromium concentrations below Tier-1, likely background
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. For the chromium Tier 2 exceedances, ERM conducted a statistical analysis and determined that the 95% UCL means of all concentrations were below Tier 1 standards, and therefore not a threat. A comparison of site soil concentrations to typical background concentrations in soil in the Bay Area for chromium determined that the site concentrations are likely background, and therefore not a threat.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-5.				
6 - Boiler and Aboveground Diesel Storage Tank: The boiler and the 1,000-gallon diesel tank were installed in 1990 for heating water for the aircraft wash rack. A 2,000-gallon poly tank that contained detergent for aircraft washing was also present in the AOC. There was a minor diesel spill onto a non-paved area, and impacted soil was excavated; no information regarding confirmation sampling has been found.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. No Tier 1 exceedances were observed.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-6.				

Table 3-1
AOC Summary Table – 2004 Risk Assessment and 2006 Site Investigation

Area of Concern	2004 Risk Assessment (ERM 2004)					
	Exposure Population	**Chemicals Detected Above Tier-1 Soil Standard [(2)]**	**Chemicals Detected Above Tier-1 Ground Water Standard[(2)]**	**Chemicals Detected Above Tier-2 Soil Standard[(2)]**	**Chemicals Detected Above Tier-2 Ground Water Standard[(2)]**	**Notes Regarding Tier-3 Evaluation**
7 - Former 90-Day Hazardous Waste Accumulation Area: Until 2003, containers of hazardous wastes (used oil, antifreeze, non-chlorinated solvents, and jet fuel) were stored in this area on pallets with secondary containment. Although no spills are known to have occurred in this area, based on the historical use, it was considered an AOC.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	**1,1-DCE:** ERM-MW-17 @ 3.9 ug/L **Arsenic:** W-B-16 @ 0.0055 mg/L **Nickel:** W-B-16 @ 0.054 mg/L			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. The risks associated with the Tier 1 exceedances were not considered a threat to potential receptors since there were no Tier 2 exceedances.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	Low level detections for VOCs were observed, with no exceedances of ESLs. No Further Action was recommended.				
8 - Current 90-Day Hazardous Waste Accumulation Area: This area was used from approximately January 2003 through May 2003 to store containers of hazardous wastes (used oil, antifreeze, non-chlorinated solvents, and jet fuel) on pallets with secondary containment. Although no spills are known to have occurred in this area, based on the historical use, it was considered an AOC.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. No Tier 1 exceedances were observed.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-8.				

Table 3-1
AOC Summary Table – 2004 Risk Assessment and 2006 Site Investigation

Area of Concern	2004 Risk Assessment (ERM 2004)					
	Exposure Population	**Chemicals Detected Above Tier-1 Soil Standard [2]**	**Chemicals Detected Above Tier-1 Ground Water Standard[2]**	**Chemicals Detected Above Tier-2 Soil Standard[2]**	**Chemicals Detected Above Tier-2 Ground Water Standard[2]**	**Notes Regarding Tier-3 Evaluation**
9 - Hazardous Material Storage Area: This AOC consisted of five mobile buildings that were used to store small volumes of hazardous materials, including solid debris (rags, containers), and liquid wastes (used oil, antifreeze, non-chlorinated solvents, and jet fuel). A well, which was installed as a piezometer in 1999 during a geotechnical investigation, is present on this AOC. No ground water sampling information was available for the well.	Airport Workers	**TPH as Motor Oil:** W-B-23 @ 2,100 mg/kg	No Tier 1 exceedances	Tier 1 exceedances were compared to Tier 2 standards. No Tier 2 exceedances were noted.		
	Construction Workers	**TPH as Motor Oil:** W-B-23 @ 2,100 mg/kg **Chromium**: W-B-23 @ 110 mg/kg	No Tier 1 exceedances	Tier 1 exceedances were compared to Tier 2 standards, when applicable (see note 1). No Tier 2 exceedances were noted. **Chromium[1] :** W-B-23 @ 110 mg/kg		See Note (1) below, 95% UCL mean of chromium concentrations below Tier-l, likely background
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. The risks associated with the Tier 1 exceedances were not considered a threat to potential receptors since there were no Tier 2 exceedances except for chromium. For the chromium Tier 2 exceedances, ERM conducted a statistical analysis and determined that the 95% UCL means of all concentrations were below Tier 1 standards, and therefore not a threat. A comparison of site soil concentrations to typical background concentrations in soil in the Bay Area for chromium determined that the site concentrations are likely background, and therefore not a threat.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	Low level detections for VOCs were observed, with no exceedances of ESLs. No TPH detections were observed. No Further Action was recommended.				
10 - Chemical Storage Area: This area was constructed in 2000 and used for the storage of empty chemical containers and hazardous waste satellite accumulation (oils, paints, lubricants, non-chlorinated solvents). Although no spills are known to have occurred in this area, based on the historical use, it was considered an AOC.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. No Tier 1 exceedances were observed.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-10.				

Table 3-1
AOC Summary Table – 2004 Risk Assessment and 2006 Site Investigation

Area of Concern	2004 Risk Assessment (ERM 2004)					
	Exposure Population	**Chemicals Detected Above Tier-1 Soil Standard [2]**	**Chemicals Detected Above Tier-1 Ground Water Standard[2]**	**Chemicals Detected Above Tier-2 Soil Standard[2]**	**Chemicals Detected Above Tier-2 Ground Water Standard[2]**	**Notes Regarding Tier-3 Evaluation**
11 - Aircraft Fueling/Defueling Equipment Area: A tanker truck that was used as a mobile system for fueling and defueling aircraft was stored in this area, where minor staining was observed. There was a fuel spill in this area in December 2001. Approximately 40 gallons of jet fuel were spilled on the pavement. Absorbent materials were used to clean up the spill.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. No Tier 1 exceedances were observed.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-11.				
12 - Fire System Motors and Associated Fuel Tanks: This AOC consists of seven diesel-powered motors, each with an associated 250-gallon diesel storage tank, which are located in a underground concrete vault. Although no staining or drips were observed, this area was deemed an AOC based on the presence of diesel storage tanks.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. No Tier 1 exceedances were observed.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-12.				

Table 3-1
AOC Summary Table – 2004 Risk Assessment and 2006 Site Investigation

Area of Concern	2004 Risk Assessment (ERM 2004)					
	Exposure Population	**Chemicals Detected Above Tier-1 Soil Standard [(2)]**	**Chemicals Detected Above Tier-1 Ground Water Standard[(2)]**	**Chemicals Detected Above Tier-2 Soil Standard[(2)]**	**Chemicals Detected Above Tier-2 Ground Water Standard[(2)]**	**Notes Regarding Tier-3 Evaluation**
13 - Paint Spray Booth: Beginning in the early 1990s, paints and non-chlorinated solvents were used and stored in this area. Paint overspray was observed, which led to this area being investigated as an AOC.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. No Tier 1 exceedances were observed.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-13.				
14 - Storm Drains: Potential leaks from the storm water conveyance system, consisting of storm water drains, pipelines, and ditches that convey storm water off of the property, were investigated.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	**Beryllium:** W-B-32 @ 0.0058 mg/L **Copper:** W-B-32 @ 0.0056 mg/L **Lead:** W-B-32 @ 0.05 mg/L		Tier 1 exceedances were compared to Tier 2 standards. No Tier 2 exceedances were noted.	
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. The risks associated with the Tier 1 exceedances were not considered a threat to potential receptors since there were no Tier 2 exceedances.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-14.				

Table 3-1
AOC Summary Table – 2004 Risk Assessment and 2006 Site Investigation

Area of Concern	2004 Risk Assessment (ERM 2004)					
	Exposure Population	**Chemicals Detected Above Tier-1 Soil Standard [(2)]**	**Chemicals Detected Above Tier-1 Ground Water Standard[(2)]**	**Chemicals Detected Above Tier-2 Soil Standard[(2)]**	**Chemicals Detected Above Tier-2 Ground Water Standard[(2)]**	**Notes Regarding Tier-3 Evaluation**
15 - Aircraft Parking and Run Up Area: This area was used for aircraft parking and as an aircraft run-up area. Minor staining was observed, and investigated.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. No Tier 1 exceedances were observed.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-15.				
16 - Fuel Spill Area of Taxiway: In 2001, a 15-gallon jet fuel spill occurred and was washed down, resulting in runoff to adjacent soils. Approximately 13 tons of impacted soil was excavated, and the excavation was backfilled the same day with no confirmation sampling. Soil samples collected in the area since the excavation have indicated low levels of TPH residual contamination, and a letter requesting No Further Action was filed with Alameda County. The status of the site was not known, and thus the 2004 investigation considered this area an AOC.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. No Tier 1 exceedances were observed.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-16.				

Table 3-1
AOC Summary Table – 2004 Risk Assessment and 2006 Site Investigation

Area of Concern	2004 Risk Assessment (ERM 2004)					
	Exposure Population	**Chemicals Detected Above Tier-1 Soil Standard [(2)]**	**Chemicals Detected Above Tier-1 Ground Water Standard[(2)]**	**Chemicals Detected Above Tier-2 Soil Standard[(2)]**	**Chemicals Detected Above Tier-2 Ground Water Standard[(2)]**	**Notes Regarding Tier-3 Evaluation**
17 - Former Vehicle Fueling USTs: In 1999, one 10,000-gallon unleaded gasoline UST and one 10,000-gallon diesel UST were excavated and removed, along with associated piping and surrounding soil containing hydrocarbons. Alameda County stated that no further action was required, although a formal NFA letter could not be issued due to AOC-19 still being an active case at the same address. Four monitoring wells are present in the area.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	**Arsenic:** UAL-MW-1 @ 0.008 mg/L P-1/UAL-MW-4 @ 0.847 mg/L **Nickel :** UAL-MW-3 @ 0.1 mg/L		Tier 1 exceedances were compared to Tier 2 standards. No Tier 2 exceedances were noted.	
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. The risks associated with the Tier 1 exceedances were not considered a threat to potential receptors since there were no Tier 2 exceedances.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	Low level detections for VOCs were observed, with no exceedances of ESLs. No TPH detections were observed. No Further Action was recommended.				
18 - Migration of Off-Site Solvent Plume onto OMC Property: This area, located west of the OMC property, is an active investigation of the former UST site (MF25/MF26). The site was identified in 1988 as a leaking UST site, and the tanks (1,000-gallon solvent UST and 3,000-gallon waste oil UST) were removed in 1992. Investigations have revealed TPH and VOC impacts to soil and groundwater.	Airport Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Construction Workers	No Tier 1 exceedances	No Tier 1 exceedances			
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. No Tier 1 exceedances were observed.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-18.				

Table 3-1
AOC Summary Table – 2004 Risk Assessment and 2006 Site Investigation

Area of Concern	2004 Risk Assessment (ERM 2004)					
	Exposure Population	**Chemicals Detected Above Tier-1 Soil Standard [(2)]**	**Chemicals Detected Above Tier-1 Ground Water Standard[(2)]**	**Chemicals Detected Above Tier-2 Soil Standard[(2)]**	**Chemicals Detected Above Tier-2 Ground Water Standard[(2)]**	**Notes Regarding Tier-3 Evaluation**
19 - Runoff From Pavement to Unpaved Area North of OMC: This AOC consists of an unpaved grassy area where storm water from the OMC property drains.	Airport Workers	**TPH as Motor Oil:** W-B-33 @ 2,100 mg/kg	No Tier 1 exceedances	Tier 1 exceedances were compared to Tier 2 standards. No Tier 2 exceedances were noted		
	Construction Workers	**TPH as Motor Oil:** W-B-33 @ 2,100 mg/kg **Arsenic:** W-B-31 @ 9.4 mg/kg W-B-34 @ 32 mg/kg W-B-35 @ 5.9 mg/kg **Cadmium:** W-B-28 @ 7.5 mg/kg **Chromium:** W-B-25 @ 89 mg/kg W-B-31 @ 74 mg/kg	No Tier 1 exceedances	Tier 1 exceedances were compared to Tier 2 standards when applicable (see note 1). No Tier 2 exceedances were noted except the following: **Arsenic**: W-B-34 @ 32 mg/kg **Chromium**[(1)]: W-B-25 @ 89 mg/kg W-B-31 @ 74 mg/kg		95% UCL mean of arsenic concentrations below Tier-1, likely background. See note (1) below, 95% UCL mean of chromium concentrations below Tier-1, likely background.
	Ecological Receptors	No Tier 1 exceedances	No Tier 1 exceedances			
	2004 Recommendation (ERM 2004)	No Further Action was recommended based on the tiered risk assessment results. The risks associated with the Tier 1 exceedances were not considered a threat to potential receptors since there were no Tier 2 exceedances except for chromium and arsenic. For the metals Tier 2 exceedances, ERM conducted a statistical analysis and found that the 95% UCL means of all concentrations were below Tier 1 standards, and therefore not a threat. A comparison of site soil concentrations to typical background concentrations in soil in the Bay Area for arsenic and chromium determined that the site concentrations are likely background, and therefore not a threat.				
	Summary of 2006 Site GW Investigation Results (SCA 2006) (comparing to Table E-1a and E-2 of the 2005 ESLs)	No samples collected from AOC-19.				

Table 3-1
AOC Summary Table – 2004 Risk Assessment and 2006 Site Investigation

Notes:
(1) No Tier-2 standard was available for comparison of total chromium concentrations, so results for this compound were retained for the Tier-3 evaluation using statistical methods
(2) When more than one Tier 1 exceedance was observed for the same COC, at the same sample location but at different depths, only the largest exceedance was noted above

Abbreviations:
AOC – area of concern
AST – aboveground storage tank
DCA - Dichloroethane
DCE - Dichloroethene
ESL – environmental screening level
Mg/kg – milligrams per kilogram
Mg/L – milligrams per liter
NFA – No further action
TPH - Total Petroleum Hydrocarbons
TPPH - Total purgeable petroleum hydrocarbons
UCL – upper confidence limit
Ug/L – micrograms per liter
UST – underground storage tank
VOC – volatile organic compounds

Notes on Complete Pathways from 2004 Risk Assessment:
1) Section 5.3: The only complete exposure pathway for airport workers is inhalation of volatile chemicals from soil and/or groundwater.
2) Section 5.4: Complete exposure pathways for construction workers are related to direct contact with soils during excavation activities. Exposure routes of concern include inhalation of volatile chemicals in soil, inhalation of dust, dermal contact with soil, and ingestion of soil. Contact with contaminated groundwater is unlikely due to dewatering practices.

Section 5.5: Direct contact with surface water containing COCs due to migration of chemicals in groundwater from the OMC via storm sewers is the only complete pathway.

Table 4-1
AOC Summary Table – 2012 Updated Screening Level Evaluation

Area of Concern	Exposure Population	Chemicals Detected Above Tier-1 Soil Standard	Chemicals Detected Above Tier-1 Ground Water Standard	Chemicals Detected Above Tier-2 Soil Standard	Chemicals Detected Above Tier-2 Ground Water Standard	Notes
1 – Small Parts Wash Rack : Alkaline cleaners and solvents were used in this area, which contained several sumps and a concrete berm. A cleaning room, in which chlorinated solvents may have been used, was also in this area.	Airport Workers	No Tier-1 Exceedances	**TPH-d** **TPH-d (sg)** 1,1-Dichloroethane Naphthalene		No Tier-2 Exceedances	
	Construction Workers	**Arsenic**	**TPH-d** **TPH-d (sg)** **1,1-Dichloroethane** **Naphthalene**	**Arsenic**	No Tier-2 Exceedances	Arsenic is within the range of background based on ERM 2004 Tier-3 evaluation. ERM 2004 calculated 95% UCL to be 3.7833 mg/kg which is well below the Tier-2 screening level of 15 mg/kg.
	Ecological Receptors	IP	**Cobalt** Nickel **TPH-d** **TPH-d (sg)** 1,1-Dichloroethane 1,1-Dichloroethene Naphthalene		Nickel	Nickel went on to Tier-3 evaluation in ERM 2004 risk assessment with an additional DAF assessment.
2 - Aircraft Wash Rack: Aircraft were washed using steam cleaners and alkaline cleaner in this area. The wash water was collected in drains, diverted to sumps and routed to the sanitary sewer system for treatment. Based on exceedances of discharge limits for copper and cadmium in the sanitary sewer, trench drain collectors and a metals treatment plant were installed in 2001.	Airport Workers	TPH-d TPH-d (sg) TPH-g TPH-jf	TPH-d TPH-d (sg) **TPH-g** **TPH-Hydraulic Oil** **TPH-Jet Fuel** **TPH-mo** Naphthalene	No Tier-2 Exceedances	No Tier-2 Exceedances	
	Construction Workers	Arsenic **Thallium** TPH-d TPH-d (sg) TPH-g TPH-jf	**TPH-d** **TPH-d (sg)** **TPH-g** **TPH-ho** **TPH-jf** **TPH-mo** **Naphthalene**	**Arsenic** **Thallium**	No Tier-2 Exceedances	Arsenic is within the range of background based on ERM 2004 Tier-3 evaluation. ERM 2004 calculated 95% UCL to be 3.7833 mg/kg which is well below the Tier-2 screening level of 15 mg/kg. Thallium exceeded at one location (W-B-8 at 2.0 ft bgs) with low HQ (0.65) and a low site detection frequency of (4%).
	Ecological Receptors	IP	Cadmium Copper Lead Nickel Zinc TPH-d TPH-d (sg) **TPH-g** **TPH-ho** **TPH-jf** **TPH-mo** **Naphthalene**		**Copper** **Lead** Nickel TPH-d	Copper and lead had low site detection frequencies (7% and 12%, respectively) with only one location (W-B-8) that exceeded the selected Tier-2 screening value. W-B-8 was analyzed by two different labs and the second lab did not have an exceedance of the Tier-2 screening level for copper. Nickel went on to Tier-3 evaluation in ERM 2004 risk assessment with an additional DAF assessment.
3 - Industrial Wastewater Vault: This AOC consists of a concrete sump, which was used to collect the (cont.)	Airport Workers	No Tier-1 Exceedances	**TPH-d** **TPH-d (sg)** **TPH-ho**		No Tier-2 Exceedances	

Table 4-1
AOC Summary Table – 2012 Updated Screening Level Evaluation

Area of Concern	Exposure Population	Chemicals Detected Above Tier-1 Soil Standard	Chemicals Detected Above Tier-1 Ground Water Standard	Chemicals Detected Above Tier-2 Soil Standard	Chemicals Detected Above Tier-2 Ground Water Standard	Notes
(cont.) wash water from AOC 2. Water was treated with the metals treatment system installed in 2001 prior to discharge. The diversion channel from the sump in this area to the storm water drains is unlined, making metals a concern for this area.	Construction Workers	Arsenic Cadmium Copper Molybdenum Nickel	**TPH-d** **TPH-d (sg)** **TPH-ho**	Arsenic Cadmium **Nickel**	No Tier-2 Exceedances	Arsenic and cadmium are within the range of background based on ERM 2004 Tier-3 evaluation. ERM 2004 calculated 95% UCL for arsenic to be 3.7833 mg/kg which is well below the Tier-2 screening level of 15 mg/kg. ERM 2004 calculated 95% UCL for cadmium to be 2.1173 mg/kg which below both the Tier-1 (7.4 mg/kg) and Tier-2 (39 mg/kg) screening levels. Nickel had one detection above the selected Tier-2 screening level (W-B-12 at 0.5 ft bgs) with an HQ of 0.26 which is just slightly above the RQWCB HQ cutoff of 0.2.
	Ecological Receptors	IP	**Cadmium** **Copper** Nickel **TPH-d** **TPH-d (sg)** **TPH-ho**		**Cadmium** **Copper**	Cadmium and copper had low site detection frequencies (4% and 7%, respectively) with only one location (W-B-12) that exceeded the selected Tier-2 screening levels with low HQs (1.1 and 0.51, respectively).
4 - Aboveground Fuel Storage Tank: This tank, installed in 1999, is a double-walled, fuel AST with two compartments (8,000-gallon diesel tank and 4,000-gallon unleaded fuel tank). The tank is housed on concrete paving, however, minor staining on the pad led to this area being considered an AOC.	Airport Workers	**TPH-d**	No Tier-1 Exceedances	No Tier-2 Exceedances		
	Construction Workers	**TPH-d**	No Tier-1 Exceedances	No Tier-2 Exceedances		
	Ecological Receptors	IP	No Tier-1 Exceedances			
5 - Vehicle Maintenance Center: Since 1988, this area has been used for vehicle maintenance. A subgrade hydraulic lift was used in this area, and minor staining was observed.	Airport Workers	No Tier-1 Exceedances	**TPH-mo**		No Tier-2 Exceedances	
	Construction Workers	**Arsenic**	**TPH-mo**	**Arsenic**	No Tier-2 Exceedances	Arsenic is within the range of background based on ERM 2004 Tier-3 evaluation. ERM 2004 calculated 95% UCL to be 3.7833 mg/kg which is well below the Tier-2 screening level of 15 mg/kg.
	Ecological Receptors	IP	**Antimony** **Beryllium** **Nickel** **TPH-mo** **tert-Butyl methyl ether**		No Tier-2 Exceedances	
6 - Boiler and Aboveground Diesel Storage Tank: The boiler and the 1,000-gallon diesel tank were installed in 1990 for heating (cont.)	Airport Workers	No Tier-1 Exceedances	**TPH-d**		No Tier-2 Exceedances	
	Construction Workers	No Tier-1 Exceedances	**TPH-d**		No Tier-2 Exceedances	

Table 4-1
AOC Summary Table – 2012 Updated Screening Level Evaluation

Area of Concern	Exposure Population	Chemicals Detected Above Tier-1 Soil Standard	Chemicals Detected Above Tier-1 Ground Water Standard	Chemicals Detected Above Tier-2 Soil Standard	Chemicals Detected Above Tier-2 Ground Water Standard	Notes
(cont.) water for the aircraft wash rack. A 2,000-gallon poly tank that contained detergent for aircraft washing was also present in the AOC. There was a minor diesel spill onto a non-paved area, and impacted soil was excavated; no information regarding confirmation sampling has been found.	Ecological Receptors	IP	**TPH-d**		No Tier-2 Exceedances	
7 - Former 90-Day Hazardous Waste Accumulation Area: Until 2003, containers of hazardous wastes (used oil, antifreeze, non-chlorinated solvents, and jet fuel) were stored in this area on pallets with secondary containment. Although no spills are known to have occurred in this area, based on the historical use, it was considered an AOC.	Airport Workers	No Tier-1 Exceedances	**TPH-d** **TPH-d (sg)** **1,1-Dichloroethane** **1,1-Dichloroethene**		No Tier-2 Exceedances	
	Construction Workers	**Arsenic**	**TPH-d** **TPH-d (sg)** **1,1-Dichloroethane** **1,1-Dichloroethene**	**Arsenic**	No Tier-2 Exceedances	Arsenic is within the range of background based on ERM 2004 Tier-3 evaluation. ERM 2004 calculated 95% UCL to be 3.7833 mg/kg which is well below the Tier-2 screening level of 15 mg/kg.
	Ecological Receptors	IP	Arsenic Nickel **TPH-d** **TPH-d (sg)** **1,1-Dichloroethane** 1,1-Dichloroethene		No Tier-2 Exceedances	
8 - Current 90-Day Hazardous Waste Accumulation Area: This area was used from approximately January 2003 through May 2003 to store containers of hazardous wastes (used oil, antifreeze, non-chlorinated solvents, and jet fuel) on pallets with secondary containment. Although no spills are known to have occurred in this area, based on the historical use, it was considered an AOC.	Airport Workers	No Tier-1 Exceedances	No Tier-1 Exceedances			
	Construction Workers	**Arsenic**	No Tier-1 Exceedances	**Arsenic**		Arsenic is within the range of background based on ERM 2004 Tier-3 evaluation. ERM 2004 calculated 95% UCL to be 3.7833 mg/kg which is well below the Tier-2 screening level of 15 mg/kg.
	Ecological Receptors	IP	**Nickel**		No Tier-2 Exceedances	
9 - Hazardous Material Storage Area: This AOC consisted of five mobile buildings that were used to store small volumes of hazardous materials, including solid debris (rags, containers), and liquid wastes (used oil, antifreeze, non-chlorinated solvents, and jet fuel). A well, which was installed as a piezometer in 1999 during a geotechnical (cont.)	Airport Workers	No Tier-1 Exceedances	No Tier-1 Exceedances			
	Construction Workers	**Arsenic** **Thallium**	No Tier-1 Exceedances	**Arsenic** **Thallium**		Arsenic is within the range of background based on ERM 2004 Tier-3 evaluation. ERM 2004 calculated 95% UCL to be 3.7833 mg/kg which is well below the Tier-2 screening level of 15 mg/kg. Thallium exceeded at one location (W-B-8 at 2.0 ft bgs) with low HQ (0.65) and a low site detection frequency of (4%).

Table 4-1
AOC Summary Table – 2012 Updated Screening Level Evaluation

Area of Concern	Exposure Population	Chemicals Detected Above Tier-1 Soil Standard	Chemicals Detected Above Tier-1 Ground Water Standard	Chemicals Detected Above Tier-2 Soil Standard	Chemicals Detected Above Tier-2 Ground Water Standard	Notes
(cont.) investigation is present on this AOC. No ground water sampling information was available for the well.	Ecological Receptors	IP	**Beryllium** **Lead** **Silver** **Thallium**		**Silver**	Silver had one detection above the selected Tier-2 screening level (ERM-B-13), a low site frequency (2%), and with a low HQ of 0.22 which is just slightly above the RQWCB HQ cutoff of 0.2.
10 - Chemical Storage Area: This area was constructed in 2000 and used for the storage of empty chemical containers and hazardous waste satellite accumulation (oils, paints, lubricants, non-chlorinated solvents). Although no spills are known to have occurred in this area, based on the historical use, it was considered an AOC.	Airport Workers	No Tier-1 Exceedances	No Tier-1 Exceedances			
	Construction Workers	**Arsenic**	No Tier-1 Exceedances	**Arsenic**		Arsenic is within the range of background based on ERM 2004 Tier-3 evaluation. ERM 2004 calculated 95% UCL to be 3.7833 mg/kg which is well below the Tier-2 screening level of 15 mg/kg.
	Ecological Receptors	IP	No Tier-1 Exceedances			
11 - Aircraft Fueling/Defueling Equipment Area: A tanker truck that was used as a mobile system for fueling and defueling aircraft was stored in this area, where minor staining was observed. There was a fuel spill in this area in December 2001. Approximately 40 gallons of jet fuel were spilled on the pavement. Absorbent materials were used to clean up the spill.	Airport Workers	No Tier-1 Exceedances	No Tier-1 Exceedances			
	Construction Workers	No Tier-1 Exceedances	No Tier-1 Exceedances			
	Ecological Receptors	IP	No Tier-1 Exceedances			
12 - Fire System Motors and Associated Fuel Tanks: This AOC consists of seven diesel-powered motors, each with an associated 250-gallon diesel storage tank, which are located in an underground concrete vault. Although no staining or drips were observed, this area was deemed an AOC based on the presence of diesel storage tanks.	Airport Workers	No Tier-1 Exceedances	No Tier-1 Exceedances			
	Construction Workers	No Tier-1 Exceedances	No Tier-1 Exceedances			
	Ecological Receptors	IP	No Tier-1 Exceedances			
13 - Paint Spray Booth: Beginning in the early 1990s, paints and non-chlorinated solvents were used and stored in this area. Paint overspray was observed, which led to this area being investigated as an AOC.	Airport Workers	No Tier-1 Exceedances	No Tier-1 Exceedances			
	Construction Workers	**Arsenic**	No Tier-1 Exceedances	**Arsenic**		Arsenic is within the range of background based on ERM 2004 Tier-3 evaluation. ERM 2004 calculated 95% UCL to be 3.7833 mg/kg which is well below the Tier-2 screening level of 15 mg/kg.
	Ecological Receptors	IP	No Tier-1 Exceedances			
14 - Storm Drains: Potential leaks from the storm water (cont.)	Airport Workers	No Tier-1 Exceedances	**TPH-d**		No Tier-2 Exceedances	

Table 4-1
AOC Summary Table – 2012 Updated Screening Level Evaluation

Area of Concern	Exposure Population	Chemicals Detected Above Tier-1 Soil Standard	Chemicals Detected Above Tier-1 Ground Water Standard	Chemicals Detected Above Tier-2 Soil Standard	Chemicals Detected Above Tier-2 Ground Water Standard	Notes
(cont.) conveyance system, consisting of storm water drains, pipelines, and ditches that convey storm water off of the property, were investigated.	Construction Workers	**Arsenic**	**TPH-d**	**Arsenic**	No Tier-2 Exceedances	Arsenic is within the range of background based on ERM 2004 Tier-3 evaluation. ERM 2004 calculated 95% UCL to be 3.7833 mg/kg which is well below the Tier-2 screening level of 15 mg/kg.
	Ecological Receptors	IP	Beryllium Copper Lead **TPH-d**		No Tier-2 Exceedances	
15 - Aircraft Parking and Run Up Area: This area was used for aircraft parking and as an aircraft run-up area. Minor staining was observed, and investigated.	Airport Workers	No Tier-1 Exceedances	**TPH-d**		No Tier-2 Exceedances	
	Construction Workers	No Tier-1 Exceedances	**TPH-d**		No Tier-2 Exceedances	
	Ecological Receptors	IP	**TPH-d**		No Tier-2 Exceedances	
16 - Fuel Spill Area of Taxiway: In 2001, a 15-gallon jet fuel spill occurred and was washed down, resulting in runoff to adjacent soils. Approximately 13 tons of impacted soil was excavated, and the excavation was backfilled the same day with no confirmation sampling. Soil samples collected in the area since the excavation have indicated low levels of TPH residual contamination, and a letter requesting No Further Action was filed with Alameda County. The status of the site was not known, and thus the 2004 investigation considered this area an AOC.	Airport Workers	No Tier-1 Exceedances	No Tier-1 Exceedances			
	Construction Workers	**Arsenic**	No Tier-1 Exceedances	No Tier-2 Exceedances		
	Ecological Receptors	IP	No Tier-1 Exceedances			
17 - Former Vehicle Fueling USTs: In 1999, one 10,000-gallon unleaded gasoline UST and one 10,000-gallon diesel UST were excavated and removed, along with associated piping and surrounding soil containing hydrocarbons. Alameda County stated that no further action was required, although a formal NFA letter could not be issued due to AOC-19 still being an active case at the same address. Four monitoring wells are present in the area.	Airport Workers	No Soil samples take in this AOC.	**TPH-d**		No Tier-2 Exceedances	
	Construction Workers	No Soil samples taken in this AOC.	**TPH-d**		No Tier-2 Exceedances	
	Ecological Receptors	IP	Arsenic Nickel **TPH-d**		No Tier-2 Exceedances	
18 - Migration of Off-Site Solvent Plume onto OMC Property: This area, located west of the OMC property, is an active (cont.)	Airport Workers	No Tier-1 Exceedances	No Tier-1 Exceedances			
	Construction Workers	No Tier-1 Exceedances	No Tier-1 Exceedances			

Table 4-1
AOC Summary Table – 2012 Updated Screening Level Evaluation

Area of Concern	Exposure Population	Chemicals Detected Above Tier-1 Soil Standard	Chemicals Detected Above Tier-1 Ground Water Standard	Chemicals Detected Above Tier-2 Soil Standard	Chemicals Detected Above Tier-2 Ground Water Standard	Notes
(cont.) investigation of the former UST site (MF25/MF26). The site was identified in 1988 as a leaking UST site, and the tanks (1,000-gallon solvent UST and 3,000-gallon waste oil UST) were removed in 1992. Investigations have revealed TPH and VOC impacts to soil and groundwater.	Ecological Receptors	IP	No Tier-1 Exceedances			
19 - Runoff From Pavement to Unpaved Area North of OMC: This AOC consists of an unpaved grassy area where storm water from the OMC property drains.	Airport Workers	**TPH-d**	No Tier-1 Exceedances	No Tier-2 Exceedances		
	Construction Workers	Arsenic Cadmium **TPH-d**	No Tier-1 Exceedances	Arsenic		Arsenic is within the range of background based on ERM 2004 Tier-3 evaluation. ERM 2004 calculated 95% UCL to be 3.7833 mg/kg which is well below the Tier-2 screening level of 15 mg/kg.
	Ecological Receptors	IP	No Tier-1 Exceedances			

Notes:
Bolding indicates a new chemical that exceeds the screening level based on the updated screening.

Abbreviations:
AOC - area of concern
AST - aboveground storage tank
DAF – dilution attenuation factor
ft bgs - feet below ground surface
HQ - hazard quotient
IP - incomplete pathway
mg/kg - milligram per kilogram
NFA - no further action
sg – silica gel clean up
TPH - total petroleum hydrocarbons
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
UCL - upper confidence limit
UST - underground storage tank
VOC - volatile organic compounds

References:
ERM. 2004. Former United Airlines Maintenance Center, Site Investigation and Risk Assessment, Oakland International Airport, prepared by ERM for United Airlines. June.

Table 4-2
MRL Screen for Non-detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	No. of Samples	Non-Detect Concentrations Min	Non-Detect Concentrations Max	Min Screening Level	No. of exceendance Non-Detect
All AOC (excluding MF25/MF26)									
All AOC (excluding MF25/MF26)	S	METAL	Antimony	3%	124	2.5	10	40	0
All AOC (excluding MF25/MF26)	S	METAL	Arsenic	55%	123	2.5	2.5	1.6	55
All AOC (excluding MF25/MF26)	S	METAL	Beryllium	0%	124	0.5	1	8	0
All AOC (excluding MF25/MF26)	S	METAL	Cadmium	21%	124	0.5	1	7.4	0
All AOC (excluding MF25/MF26)	S	METAL	Cobalt	85%	124	4	4	80	0
All AOC (excluding MF25/MF26)	S	METAL	Lead	39%	124	3	10	750	0
All AOC (excluding MF25/MF26)	S	METAL	Mercury	23%	124	0.017	0.06	10	0
All AOC (excluding MF25/MF26)	S	METAL	Molybdenum	5%	124	2	4	40	0
All AOC (excluding MF25/MF26)	S	METAL	Selenium	0%	124	2.5	10	10	0
All AOC (excluding MF25/MF26)	S	METAL	Silver	2%	124	1	1	40	0
All AOC (excluding MF25/MF26)	S	METAL	Thallium	4%	98	0.42	2.5	16	0
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1016	0%	2	0.033	0.033	0.74	0
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1221	0%	2	0.06	0.06	0.74	0
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1232	0%	2	0.033	0.033	0.74	0
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1242	0%	2	0.033	0.033	0.74	0
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1248	0%	2	0.033	0.033	0.74	0
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1254	0%	2	0.033	0.033	0.74	0
All AOC (excluding MF25/MF26)	S	PCB	Aroclor 1260	0%	2	0.033	0.033	0.74	0
All AOC (excluding MF25/MF26)	S	SVOC	1,2,4-Trichlorobenzene	0%	2	4	4	7.6	0
All AOC (excluding MF25/MF26)	S	SVOC	1,2-Dichlorobenzene	0%	2	4	4	1.6	2
All AOC (excluding MF25/MF26)	S	SVOC	1,3-Dichlorobenzene	0%	2	4	4	7.4	0
All AOC (excluding MF25/MF26)	S	SVOC	1,4-Dichlorobenzene	0%	2	4	4	1.8	2
All AOC (excluding MF25/MF26)	S	SVOC	2,4,5-Trichlorophenol	0%	2	4	4	0.18	2
All AOC (excluding MF25/MF26)	S	SVOC	2,4,6-Trichlorophenol	0%	2	4	4	10	0
All AOC (excluding MF25/MF26)	S	SVOC	2,4-Dichlorophenol	0%	2	4	4	3	2
All AOC (excluding MF25/MF26)	S	SVOC	2,4-Dimethylphenol	0%	2	4	4	0.74	2
All AOC (excluding MF25/MF26)	S	SVOC	2,4-Dinitrophenol	0%	2	10	10	0.042	2
All AOC (excluding MF25/MF26)	S	SVOC	2,4-Dinitrotoluene	0%	2	4	4	0.86	2
All AOC (excluding MF25/MF26)	S	SVOC	2,6-Dinitrotoluene	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	2-Chloronaphthalene	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	2-Chlorophenol	0%	2	4	4	0.12	2
All AOC (excluding MF25/MF26)	S	SVOC	2-Methylnaphthalene	0%	2	4	4	0.25	2
All AOC (excluding MF25/MF26)	S	SVOC	2-Methylphenol	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	2-Nitroaniline	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	2-Nitrophenol	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	3,3'-Dichlorobenzidine	0%	2	10	10	2.4	2
All AOC (excluding MF25/MF26)	S	SVOC	3-Nitroaniline	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	4,6-Dinitro-2-methylphenol	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	4-Bromophenyl phenyl ether	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	4-Chloro-3-methylphenol	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	4-Chloroaniline	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	4-chlorophenyl phenyl Ether	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	4-Methylphenol	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	4-Nitroaniline	0%	2	10	10	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	4-Nitrophenol	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	Acenaphthene	0%	2	4	4	19	0
All AOC (excluding MF25/MF26)	S	SVOC	Acenaphthylene	0%	2	4	4	13	0
All AOC (excluding MF25/MF26)	S	SVOC	Aniline	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	Anthracene	0%	2	4	4	2.8	2
All AOC (excluding MF25/MF26)	S	SVOC	Azobenzene	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	Benzo(a)anthracene	0%	2	4	4	1.3	2
All AOC (excluding MF25/MF26)	S	SVOC	Benzo(a)pyrene	0%	2	4	4	0.13	2
All AOC (excluding MF25/MF26)	S	SVOC	Benzo(b)fluoranthene	0%	2	4	4	1.3	2
All AOC (excluding MF25/MF26)	S	SVOC	Benzo(g,h,i)perylene	0%	2	4	4	27	0
All AOC (excluding MF25/MF26)	S	SVOC	Benzo(k)fluoranthene	0%	2	4	4	1.3	2
All AOC (excluding MF25/MF26)	S	SVOC	Benzoic acid	0%	2	10	10	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	Benzyl alcohol	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	bis(2-Chloroethoxy) methane	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	bis(2-chloroethyl) ether	0%	2	4	4	0.16	2
All AOC (excluding MF25/MF26)	S	SVOC	bis(2-chloroisopropyl) ether	0%	2	4	4	0.077	2
All AOC (excluding MF25/MF26)	S	SVOC	bis(2-Ethylhexyl) phthalate	0%	2	10	10	120	0
All AOC (excluding MF25/MF26)	S	SVOC	Butyl benzyl phthalate	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	Carbazole	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	Chrysene	0%	2	4	4	23	0
All AOC (excluding MF25/MF26)	S	SVOC	Dibenz(a,h)anthracene	0%	2	4	4	0.21	2
All AOC (excluding MF25/MF26)	S	SVOC	Dibenzofuran	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	Diethyl phthalate	0%	2	4	4	0.035	2
All AOC (excluding MF25/MF26)	S	SVOC	Dimethyl Phthalate	0%	2	4	4	0.035	2
All AOC (excluding MF25/MF26)	S	SVOC	di-n-Butyl Phthalate	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	di-n-Octyl Phthalate	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	Fluoranthene	0%	2	4	4	40	0
All AOC (excluding MF25/MF26)	S	SVOC	Fluorene	0%	2	4	4	8.9	0
All AOC (excluding MF25/MF26)	S	SVOC	Hexachlorobenzene	0%	2	4	4	1.3	2
All AOC (excluding MF25/MF26)	S	SVOC	Hexachlorobutadiene	0%	2	4	4	4.6	0
All AOC (excluding MF25/MF26)	S	SVOC	Hexachlorocyclopentadiene	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	Hexachloroethane	0%	2	4	4	41	0
All AOC (excluding MF25/MF26)	S	SVOC	Indeno(1,2,3-cd)pyrene	0%	2	4	4	2.1	2
All AOC (excluding MF25/MF26)	S	SVOC	Isophorone	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	Naphthalene	0%	2	4	4	2.8	2
All AOC (excluding MF25/MF26)	S	SVOC	Nitrobenzene	0%	2	4	4	NS	NS

Table 4-2
MRL Screen for Non-detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	No. of Samples	Non-Detect Concentrations Min	Non-Detect Concentrations Max	Min Screening Level	No. of exceendance Non-Detect
All AOC (excluding MF25/MF26)	S	SVOC	N-Nitrosodiphenylamine	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	N-Nitrosodipropylamine	0%	2	4	4	NS	NS
All AOC (excluding MF25/MF26)	S	SVOC	Pentachlorophenol	0%	2	4	4	5	0
All AOC (excluding MF25/MF26)	S	SVOC	Phenanthrene	0%	2	4	4	11	0
All AOC (excluding MF25/MF26)	S	SVOC	Phenol	0%	2	4	4	3.9	2
All AOC (excluding MF25/MF26)	S	SVOC	Pyrene	0%	2	4	4	85	0
All AOC (excluding MF25/MF26)	S	TPH	TPH-d	26%	141	0.001	200	180	1
All AOC (excluding MF25/MF26)	S	TPH	TPH-d (sg)	63%	8	5	20	180	0
All AOC (excluding MF25/MF26)	S	TPH	TPH-g	10%	128	0.001	1	180	0
All AOC (excluding MF25/MF26)	S	TPH	TPH-Jet Fuel	13%	96	0.001	200	180	2
All AOC (excluding MF25/MF26)	S	TPH	TPH-mo	28%	96	0.005	500	2500	0
All AOC (excluding MF25/MF26)	S	VOC	1,1,1,2-Tetrachloroethane	0%	126	0.005	0.1	4.5	0
All AOC (excluding MF25/MF26)	S	VOC	1,1,1-Trichloroethane	2%	126	0.005	0.1	7.8	0
All AOC (excluding MF25/MF26)	S	VOC	1,1,2,2-Tetrachloroethane	0%	126	0.005	0.1	0.6	0
All AOC (excluding MF25/MF26)	S	VOC	1,1,2-Trichloroethane	0%	126	0.005	0.1	1.1	0
All AOC (excluding MF25/MF26)	S	VOC	1,1-Dichloroethane	0%	126	0.005	0.1	1.9	0
All AOC (excluding MF25/MF26)	S	VOC	1,1-Dichloroethene	0%	37	0.005	0.005	4.3	0
All AOC (excluding MF25/MF26)	S	VOC	1,1-Dichloropropene	0%	126	0.005	0.1	NS	NS
All AOC (excluding MF25/MF26)	S	VOC	1,2,3-Trichlorobenzene	0%	126	0.005	0.1	490	0
All AOC (excluding MF25/MF26)	S	VOC	1,2,3-Trichloropropane	0%	126	0.005	0.1	0.095	1
All AOC (excluding MF25/MF26)	S	VOC	1,2,4-Trichlorobenzene	0%	126	0.005	0.1	7.6	0
All AOC (excluding MF25/MF26)	S	VOC	1,2,4-Trimethylbenzene	5%	126	0.005	0.005	260	0
All AOC (excluding MF25/MF26)	S	VOC	1,2-Dibromo-3-chloropropane	0%	126	0.005	0.1	0.0045	126
All AOC (excluding MF25/MF26)	S	VOC	1,2-Dibromoethane	0%	126	0.005	0.1	0.044	1
All AOC (excluding MF25/MF26)	S	VOC	1,2-Dichlorobenzene	0%	126	0.005	0.1	1.6	0
All AOC (excluding MF25/MF26)	S	VOC	1,2-Dichloroethane	0%	126	0.005	0.1	0.48	0
All AOC (excluding MF25/MF26)	S	VOC	1,2-Dichloropropane	0%	126	0.005	0.1	1	0
All AOC (excluding MF25/MF26)	S	VOC	1,3,5-Trimethylbenzene	4%	126	0.005	0.005	10000	0
All AOC (excluding MF25/MF26)	S	VOC	1,3-Dichlorobenzene	0%	126	0.005	0.1	7.4	0
All AOC (excluding MF25/MF26)	S	VOC	1,3-Dichloropropane	0%	126	0.005	0.1	20000	0
All AOC (excluding MF25/MF26)	S	VOC	1,4-Dichlorobenzene	0%	126	0.005	0.1	1.8	0
All AOC (excluding MF25/MF26)	S	VOC	2,2-Dichloropropane	0%	126	0.005	0.1	NS	NS
All AOC (excluding MF25/MF26)	S	VOC	2-Butanone	0%	93	0.01	0.2	13	0
All AOC (excluding MF25/MF26)	S	VOC	2-chloroethyl vinyl Ether	0%	93	0.005	0.1	NS	NS
All AOC (excluding MF25/MF26)	S	VOC	2-Chlorotoluene	0%	126	0.005	0.1	20000	0
All AOC (excluding MF25/MF26)	S	VOC	2-Hexanone	0%	93	0.005	0.1	1400	0
All AOC (excluding MF25/MF26)	S	VOC	4-Chlorotoluene	0%	126	0.005	0.1	20000	0
All AOC (excluding MF25/MF26)	S	VOC	4-Methyl-2-pentanone	0%	93	0.005	0.1	3.9	0
All AOC (excluding MF25/MF26)	S	VOC	Acetone	0%	93	0.025	0.1	0.5	0
All AOC (excluding MF25/MF26)	S	VOC	Benzene	0%	139	0.005	0.1	0.27	0
All AOC (excluding MF25/MF26)	S	VOC	Bromobenzene	0%	126	0.005	0.1	1800	0
All AOC (excluding MF25/MF26)	S	VOC	Bromochloromethane	0%	126	0.005	0.1	680	0
All AOC (excluding MF25/MF26)	S	VOC	Bromodichloromethane	0%	126	0.005	0.1	1.3	0
All AOC (excluding MF25/MF26)	S	VOC	Bromoform	0%	126	0.005	0.1	24	0
All AOC (excluding MF25/MF26)	S	VOC	Bromomethane	0%	126	0.005	0.1	2.3	0
All AOC (excluding MF25/MF26)	S	VOC	Carbon disulfide	0%	93	0.005	0.1	3700	0
All AOC (excluding MF25/MF26)	S	VOC	Carbon tetrachloride	0%	126	0.005	0.1	0.044	1
All AOC (excluding MF25/MF26)	S	VOC	Chlorobenzene	0%	126	0.005	0.1	1.5	0
All AOC (excluding MF25/MF26)	S	VOC	Chloroethane	0%	126	0.005	0.1	0.85	0
All AOC (excluding MF25/MF26)	S	VOC	Chloroform	0%	126	0.005	0.1	1.5	0
All AOC (excluding MF25/MF26)	S	VOC	Chloromethane	0%	126	0.005	0.1	6.4	0
All AOC (excluding MF25/MF26)	S	VOC	cis-1,2-Dichloroethene	0%	126	0.005	0.1	18	0
All AOC (excluding MF25/MF26)	S	VOC	cis-1,3-Dichloropropene	0%	93	0.005	0.1	8.3	0
All AOC (excluding MF25/MF26)	S	VOC	Dibromochloromethane	0%	126	0.005	0.1	14	0
All AOC (excluding MF25/MF26)	S	VOC	Dibromomethane	0%	126	0.005	0.1	110	0
All AOC (excluding MF25/MF26)	S	VOC	Dichlorodifluoromethane	0%	126	0.005	0.1	400	0
All AOC (excluding MF25/MF26)	S	VOC	Ethylbenzene	1%	139	0.005	0.1	4.7	0
All AOC (excluding MF25/MF26)	S	VOC	Hexachlorobutadiene	0%	126	0.005	0.1	4.6	0
All AOC (excluding MF25/MF26)	S	VOC	Isopropylbenzene	2%	126	0.005	0.1	11000	0
All AOC (excluding MF25/MF26)	S	VOC	Methyl iodide	0%	93	0.005	0.2	NS	NS
All AOC (excluding MF25/MF26)	S	VOC	Methylene Chloride	1%	126	0.005	1.9	17	0
All AOC (excluding MF25/MF26)	S	VOC	Naphthalene	6%	126	0.005	0.005	2.8	0
All AOC (excluding MF25/MF26)	S	VOC	n-Butylbenzene	2%	126	0.005	0.1	51000	0
All AOC (excluding MF25/MF26)	S	VOC	n-Propylbenzene	0%	126	0.005	0.1	21000	0
All AOC (excluding MF25/MF26)	S	VOC	p-Isopropyltoluene	2%	125	0.005	0.1	NS	NS
All AOC (excluding MF25/MF26)	S	VOC	sec-Butylbenzene	2%	126	0.005	0.1	NS	NS
All AOC (excluding MF25/MF26)	S	VOC	Styrene	0%	126	0.005	0.1	15	0
All AOC (excluding MF25/MF26)	S	VOC	tert-Butyl methyl ether	0%	128	0.005	0.1	8.4	0
All AOC (excluding MF25/MF26)	S	VOC	tert-Butylbenzene	0%	126	0.005	0.1	NS	NS
All AOC (excluding MF25/MF26)	S	VOC	Tetrachloroethene	1%	126	0.005	0.1	0.95	0
All AOC (excluding MF25/MF26)	S	VOC	Toluene	1%	139	0.005	5	9.3	0
All AOC (excluding MF25/MF26)	S	VOC	Total Xylene	3%	139	0.005	0.1	11	0
All AOC (excluding MF25/MF26)	S	VOC	trans-1,2-Dichloroethene	0%	126	0.005	0.1	34	0
All AOC (excluding MF25/MF26)	S	VOC	trans-1,3-Dichloropropene	0%	93	0.005	0.1	8.3	0
All AOC (excluding MF25/MF26)	S	VOC	Trichloroethene	0%	126	0.005	0.1	4.1	0
All AOC (excluding MF25/MF26)	S	VOC	Trichlorofluoromethane	0%	126	0.005	0.1	3400	0
All AOC (excluding MF25/MF26)	S	VOC	Vinyl acetate	0%	93	0.025	1	4100	0
All AOC (excluding MF25/MF26)	S	VOC	Vinyl chloride	0%	126	0.005	0.1	0.047	1
All AOC (excluding MF25/MF26)	W	GEN	Nitrate	17%	6	2000	2000	NS	NS
All AOC (excluding MF25/MF26)	W	METAL	Antimony	4%	49	6	600	30	46
All AOC (excluding MF25/MF26)	W	METAL	Arsenic	13%	52	5	500	0.14	45

Table 4-2
MRL Screen for Non-detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	No. of Samples	Non-Detect Concentrations Min	Non-Detect Concentrations Max	Min Screening Level	No. of exceendance Non-Detect
All AOC (excluding MF25/MF26)	W	METAL	Barium	76%	46	5	50	1000	0
All AOC (excluding MF25/MF26)	W	METAL	Beryllium	8%	49	0.4	5	0.53	41
All AOC (excluding MF25/MF26)	W	METAL	Cadmium	4%	56	0.5	5	0.25	54
All AOC (excluding MF25/MF26)	W	METAL	Chromium	9%	46	2	20	180	0
All AOC (excluding MF25/MF26)	W	METAL	Cobalt	2%	46	5	50	3	45
All AOC (excluding MF25/MF26)	W	METAL	Copper	12%	50	5	50	3.1	44
All AOC (excluding MF25/MF26)	W	METAL	Lead	7%	56	3	50	2.5	52
All AOC (excluding MF25/MF26)	W	METAL	Mercury	0%	46	0.2	200	0.025	46
All AOC (excluding MF25/MF26)	W	METAL	Molybdenum	17%	46	5	50	240	0
All AOC (excluding MF25/MF26)	W	METAL	Nickel	58%	85	5	50	8.2	31
All AOC (excluding MF25/MF26)	W	METAL	Selenium	0%	46	50	500	5	46
All AOC (excluding MF25/MF26)	W	METAL	Silver	2%	46	1	10	0.19	45
All AOC (excluding MF25/MF26)	W	METAL	Thallium	3%	40	5	500	4	39
All AOC (excluding MF25/MF26)	W	METAL	Vanadium	0%	46	5	50	19	42
All AOC (excluding MF25/MF26)	W	METAL	Zinc	26%	46	5	50	81	0
All AOC (excluding MF25/MF26)	W	SVOC	1,2,4-Trichlorobenzene	0%	9	5	56	25	2
All AOC (excluding MF25/MF26)	W	SVOC	1,2-Dichlorobenzene	0%	9	5	56	10	2
All AOC (excluding MF25/MF26)	W	SVOC	1,3-Dichlorobenzene	0%	9	5	56	65	0
All AOC (excluding MF25/MF26)	W	SVOC	1,4-Dichlorobenzene	0%	9	5	56	11	2
All AOC (excluding MF25/MF26)	W	SVOC	2,4,5-Trichlorophenol	0%	9	10	110	11	2
All AOC (excluding MF25/MF26)	W	SVOC	2,4,6-Trichlorophenol	0%	9	10	110	6.5	9
All AOC (excluding MF25/MF26)	W	SVOC	2,4-Dichlorophenol	0%	9	10	110	0.3	9
All AOC (excluding MF25/MF26)	W	SVOC	2,4-Dimethylphenol	0%	9	5	56	110	0
All AOC (excluding MF25/MF26)	W	SVOC	2,4-Dinitrophenol	0%	9	20	220	15	9
All AOC (excluding MF25/MF26)	W	SVOC	2,4-Dinitrotoluene	0%	9	5	56	9.1	2
All AOC (excluding MF25/MF26)	W	SVOC	2,6-Dinitrotoluene	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	2-Chloronaphthalene	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	2-Chlorophenol	0%	9	10	110	0.18	9
All AOC (excluding MF25/MF26)	W	SVOC	2-Methylnaphthalene	0%	9	5	56	2.1	9
All AOC (excluding MF25/MF26)	W	SVOC	2-Methylphenol	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	2-Nitroaniline	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	2-Nitrophenol	0%	9	20	220	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	3,3'-Dichlorobenzidine	0%	9	10	110	0.077	9
All AOC (excluding MF25/MF26)	W	SVOC	3-Nitroaniline	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	4,6-Dinitro-2-methylphenol	0%	9	20	220	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	4-Bromophenyl phenyl ether	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	4-Chloro-3-methylphenol	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	4-Chloroaniline	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	4-chlorophenyl phenyl Ether	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	4-Methylphenol	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	4-Nitroaniline	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	4-Nitrophenol	0%	9	20	220	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	Acenaphthene	0%	9	5	56	20	2
All AOC (excluding MF25/MF26)	W	SVOC	Acenaphthylene	0%	9	5	56	30	2
All AOC (excluding MF25/MF26)	W	SVOC	Aniline	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	Anthracene	0%	9	5	56	0.73	9
All AOC (excluding MF25/MF26)	W	SVOC	Azobenzene	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	Benzo(a)anthracene	0%	9	5	56	0.027	9
All AOC (excluding MF25/MF26)	W	SVOC	Benzo(a)pyrene	0%	9	5	56	0.014	9
All AOC (excluding MF25/MF26)	W	SVOC	Benzo(b)fluoranthene	0%	9	5	56	0.029	9
All AOC (excluding MF25/MF26)	W	SVOC	Benzo(g,h,i)perylene	0%	9	5	56	0.1	9
All AOC (excluding MF25/MF26)	W	SVOC	Benzo(k)fluoranthene	0%	9	5	56	0.049	9
All AOC (excluding MF25/MF26)	W	SVOC	Benzoic acid	0%	9	20	220	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	Benzyl alcohol	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	bis(2-Chloroethoxy) methane	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	bis(2-chloroethyl) ether	0%	9	5	56	1.4	9
All AOC (excluding MF25/MF26)	W	SVOC	bis(2-chloroisopropyl) ether	0%	9	5	56	12	2
All AOC (excluding MF25/MF26)	W	SVOC	bis(2-Ethylhexyl) phthalate	0%	9	5	56	5.9	2
All AOC (excluding MF25/MF26)	W	SVOC	Butyl benzyl phthalate	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	Carbazole	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	Chrysene	0%	9	5	56	0.049	9
All AOC (excluding MF25/MF26)	W	SVOC	Dibenz(a,h)anthracene	0%	9	5	56	0.049	9
All AOC (excluding MF25/MF26)	W	SVOC	Dibenzofuran	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	Diethyl phthalate	0%	9	5	56	1.5	9
All AOC (excluding MF25/MF26)	W	SVOC	Dimethyl Phthalate	0%	9	5	56	1.5	9
All AOC (excluding MF25/MF26)	W	SVOC	di-n-Butyl Phthalate	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	di-n-Octyl Phthalate	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	Fluoranthene	0%	9	5	56	8	2
All AOC (excluding MF25/MF26)	W	SVOC	Fluorene	0%	9	5	56	3.9	9
All AOC (excluding MF25/MF26)	W	SVOC	Hexachlorobenzene	0%	9	5	56	0.00077	9
All AOC (excluding MF25/MF26)	W	SVOC	Hexachlorobutadiene	0%	9	5	56	0.93	9
All AOC (excluding MF25/MF26)	W	SVOC	Hexachlorocyclopentadiene	0%	9	20	220	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	Hexachloroethane	0%	9	5	56	8.9	2
All AOC (excluding MF25/MF26)	W	SVOC	Indeno(1,2,3-cd)pyrene	0%	9	5	56	0.048	9
All AOC (excluding MF25/MF26)	W	SVOC	Isophorone	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	Naphthalene	0%	9	10	110	21	2
All AOC (excluding MF25/MF26)	W	SVOC	Nitrobenzene	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	N-Nitrosodimethylamine	0%	5	5	50	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	N-Nitrosodiphenylamine	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	N-Nitrosodipropylamine	0%	9	5	56	NS	NS
All AOC (excluding MF25/MF26)	W	SVOC	Pentachlorophenol	0%	9	20	220	7.9	9

Table 4-2
MRL Screen for Non-detected Analytes

AOC	Media	Category	Analyte	Detection Frequency	No. of Samples	Non-Detect Concentrations Min	Non-Detect Concentrations Max	Min Screening Level	No. of exceendance Non-Detect
All AOC (excluding MF25/MF26)	W	SVOC	Phenanthrene	0%	9	5	56	4.6	9
All AOC (excluding MF25/MF26)	W	SVOC	Phenol	0%	9	5	56	260	0
All AOC (excluding MF25/MF26)	W	SVOC	Pyrene	0%	9	5	56	2	9
All AOC (excluding MF25/MF26)	W	TPH	TPH-Bunker Oil	0%	12	100	1250	210	7
All AOC (excluding MF25/MF26)	W	TPH	TPH-Bunker Oil (sg)	0%	4	250	250	210	4
All AOC (excluding MF25/MF26)	W	TPH	TPH-d	67%	79	50	500	210	1
All AOC (excluding MF25/MF26)	W	TPH	TPH-d (sg)	89%	45	73.1	560	210	1
All AOC (excluding MF25/MF26)	W	TPH	TPH-g	12%	74	50	500	210	1
All AOC (excluding MF25/MF26)	W	TPH	TPH-Gear Oil	0%	5	100	100	210	0
All AOC (excluding MF25/MF26)	W	TPH	TPH-Heat Oil	0%	7	250	1250	210	7
All AOC (excluding MF25/MF26)	W	TPH	TPH-Heat Oil (sg)	0%	4	250	250	210	4
All AOC (excluding MF25/MF26)	W	TPH	TPH-Hydraulic Oil	31%	16	100	300	210	6
All AOC (excluding MF25/MF26)	W	TPH	TPH-Hydraulic Oil (sg)	0%	4	250	250	210	4
All AOC (excluding MF25/MF26)	W	TPH	TPH-J4	0%	5	100	100	210	0
All AOC (excluding MF25/MF26)	W	TPH	TPH-J5	0%	5	100	100	210	0
All AOC (excluding MF25/MF26)	W	TPH	TPH-J8	0%	5	100	100	210	0
All AOC (excluding MF25/MF26)	W	TPH	TPH-Jet Fuel	9%	32	50	250	210	1
All AOC (excluding MF25/MF26)	W	TPH	TPH-Jet Fuel (sg)	0%	4	50	50	210	0
All AOC (excluding MF25/MF26)	W	TPH	TPH-Kerosene	0%	12	50	100	210	0
All AOC (excluding MF25/MF26)	W	TPH	TPH-Kerosene (sg)	0%	4	50	250	210	1
All AOC (excluding MF25/MF26)	W	TPH	TPH-mo	22%	32	100	300	210	24
All AOC (excluding MF25/MF26)	W	TPH	TPH-mo (sg)	0%	4	250	1250	210	4
All AOC (excluding MF25/MF26)	W	TPH	TPH-Other	0%	5	100	100	210	0
All AOC (excluding MF25/MF26)	W	TPH	TPH-Stoddard Solvent	0%	7	50	250	210	1
All AOC (excluding MF25/MF26)	W	TPH	TPH-Stoddard Solvent (sg)	0%	4	50	50	210	0
All AOC (excluding MF25/MF26)	W	TPH	TPH-Transformer Oil	0%	7	250	250	210	7
All AOC (excluding MF25/MF26)	W	TPH	TPH-Transformer Oil (sg)	0%	4	250	1250	210	4
All AOC (excluding MF25/MF26)	W	VOC	1,1,1,2-Tetrachloroethane	0%	105	0.5	5	930	0
All AOC (excluding MF25/MF26)	W	VOC	1,1,1-Trichloroethane	17%	109	0.5	5	62	0
All AOC (excluding MF25/MF26)	W	VOC	1,1,2,2-Tetrachloroethane	0%	105	0.5	10	11	0
All AOC (excluding MF25/MF26)	W	VOC	1,1,2-Trichloroethane	0%	105	0.5	5	42	0
All AOC (excluding MF25/MF26)	W	VOC	1,1-Dichloroethane	49%	109	0.5	5	47	0
All AOC (excluding MF25/MF26)	W	VOC	1,1-Dichloroethene	28%	109	0.5	5	3.2	2
All AOC (excluding MF25/MF26)	W	VOC	1,1-Dichloropropene	0%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	1,2,3-Trichlorobenzene	0%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	1,2,3-Trichloropropane	0%	105	0.5	10	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	1,2,4-Trichlorobenzene	0%	105	0.5	5	25	0
All AOC (excluding MF25/MF26)	W	VOC	1,2,4-Trimethylbenzene	9%	108	0.5	2.5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	1,2-Dibromo-3-chloropropane	0%	105	0.5	10	0.2	105
All AOC (excluding MF25/MF26)	W	VOC	1,2-Dibromoethane	0%	105	0.5	5	150	0
All AOC (excluding MF25/MF26)	W	VOC	1,2-Dichlorobenzene	2%	105	0.5	5	10	0
All AOC (excluding MF25/MF26)	W	VOC	1,2-Dichloroethane	10%	105	0.5	5	99	0
All AOC (excluding MF25/MF26)	W	VOC	1,2-Dichloropropane	0%	105	0.5	5	10	0
All AOC (excluding MF25/MF26)	W	VOC	1,3,5-Trimethylbenzene	7%	109	0.5	2.5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	1,3-Dichlorobenzene	0%	105	0.5	5	65	0
All AOC (excluding MF25/MF26)	W	VOC	1,3-Dichloropropane	0%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	1,4-Dichlorobenzene	1%	105	0.5	5	11	0
All AOC (excluding MF25/MF26)	W	VOC	2,2-Dichloropropane	0%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	2-Butanone	0%	32	1	50	8400	0
All AOC (excluding MF25/MF26)	W	VOC	2-chloroethyl vinyl Ether	0%	10	0.5	2.5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	2-Chlorotoluene	0%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	2-Hexanone	0%	32	0.5	50	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	4-Chlorotoluene	0%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	4-Methyl-2-pentanone	0%	32	0.5	50	170	0
All AOC (excluding MF25/MF26)	W	VOC	Acetone	3%	32	5	50	1500	0
All AOC (excluding MF25/MF26)	W	VOC	Benzene	0%	123	0.5	5	46	0
All AOC (excluding MF25/MF26)	W	VOC	Bromobenzene	0%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Bromochloromethane	0%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Bromodichloromethane	0%	105	0.5	5	170	0
All AOC (excluding MF25/MF26)	W	VOC	Bromoform	0%	105	0.5	5	360	0
All AOC (excluding MF25/MF26)	W	VOC	Bromomethane	0%	105	0.5	10	160	0
All AOC (excluding MF25/MF26)	W	VOC	Carbon disulfide	0%	32	0.5	2.5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Carbon tetrachloride	0%	105	0.5	5	4.4	2
All AOC (excluding MF25/MF26)	W	VOC	Chlorobenzene	0%	105	0.5	5	25	0
All AOC (excluding MF25/MF26)	W	VOC	Chloroethane	1%	109	0.5	5	12	0
All AOC (excluding MF25/MF26)	W	VOC	Chloroform	1%	105	0.5	5	330	0
All AOC (excluding MF25/MF26)	W	VOC	Chloromethane	3%	109	0.5	5	41	0
All AOC (excluding MF25/MF26)	W	VOC	cis-1,2-Dichloroethene	20%	109	0.5	5	590	0
All AOC (excluding MF25/MF26)	W	VOC	cis-1,3-Dichloropropene	0%	32	0.5	2.5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Dibromochloromethane	0%	105	0.5	5	46	0
All AOC (excluding MF25/MF26)	W	VOC	Dibromomethane	0%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Dichlorodifluoromethane	0%	83	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Ethyl tert-Butyl Ether (ETBE)	0%	22	0.5	2.5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Ethylbenzene	2%	123	0.5	5	30	0
All AOC (excluding MF25/MF26)	W	VOC	Freon 113	0%	22	0.5	2.5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Freon 12	0%	22	1	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Hexachlorobutadiene	0%	105	0.5	10	0.93	67
All AOC (excluding MF25/MF26)	W	VOC	Isopropyl Ether (DIPE)	0%	22	0.5	2.5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Isopropylbenzene	4%	109	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	m,p-Xylenes	5%	22	0.5	2.5	100	0
All AOC (excluding MF25/MF26)	W	VOC	Methyl iodide	0%	10	1	5	NS	NS

Table 4-2
MRL Screen for Non-detected Analytes

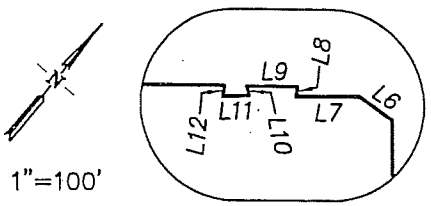
AOC	Media	Category	Analyte	Detection Frequency	No. of Samples	Non-Detect Concentrations		Min Screening Level	No. of exceendance
						Min	Max		Non-Detect
All AOC (excluding MF25/MF26)	W	VOC	Methyl tert-Amyl Ether (TAME)	0%	22	0.5	2.5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Methylene Chloride	3%	109	0.5	50	1600	0
All AOC (excluding MF25/MF26)	W	VOC	Naphthalene	7%	109	0.5	10	21	0
All AOC (excluding MF25/MF26)	W	VOC	n-Butylbenzene	1%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	n-Propylbenzene	4%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	o-Xylene	5%	22	0.5	2.5	100	0
All AOC (excluding MF25/MF26)	W	VOC	p-Isopropyltoluene	5%	109	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	sec-Butylbenzene	0%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Styrene	1%	109	0.5	5	11	0
All AOC (excluding MF25/MF26)	W	VOC	tert-Butyl Alcohol (TBA)	0%	22	10	50	18000	0
All AOC (excluding MF25/MF26)	W	VOC	tert-Butyl methyl ether	23%	113	0.5	5	180	0
All AOC (excluding MF25/MF26)	W	VOC	tert-Butylbenzene	1%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Tetrachloroethene	5%	105	0.5	5	8.9	0
All AOC (excluding MF25/MF26)	W	VOC	Toluene	5%	123	0.5	5	40	0
All AOC (excluding MF25/MF26)	W	VOC	Total Xylene	6%	101	0.5	2.5	100	0
All AOC (excluding MF25/MF26)	W	VOC	trans-1,2-Dichloroethene	2%	105	0.5	5	260	0
All AOC (excluding MF25/MF26)	W	VOC	trans-1,3-Dichloropropene	0%	32	0.5	2.5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Trichloroethene	15%	109	0.5	5	81	0
All AOC (excluding MF25/MF26)	W	VOC	Trichlorofluoromethane	0%	105	0.5	5	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Vinyl acetate	0%	32	5	50	NS	NS
All AOC (excluding MF25/MF26)	W	VOC	Vinyl chloride	1%	105	0.5	5	3.8	2

Notes
All water (W) units are in micrograms per liter (ug/L)
All soil (S) units are in milligrams per kilogram (mg/kg).
Only analytes with at least one non-detect are shown.
NA = not analyzed
NS = no standard

Appendix A
Parcel Information – Building M-110, Former United Leasehold (2003)

Appendix A
Parcel Information – Building M-110, Former United Leasehold (2003)

DETAIL A



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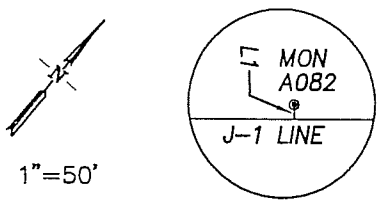
DETAIL B



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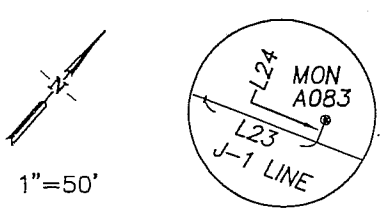
DETAIL C



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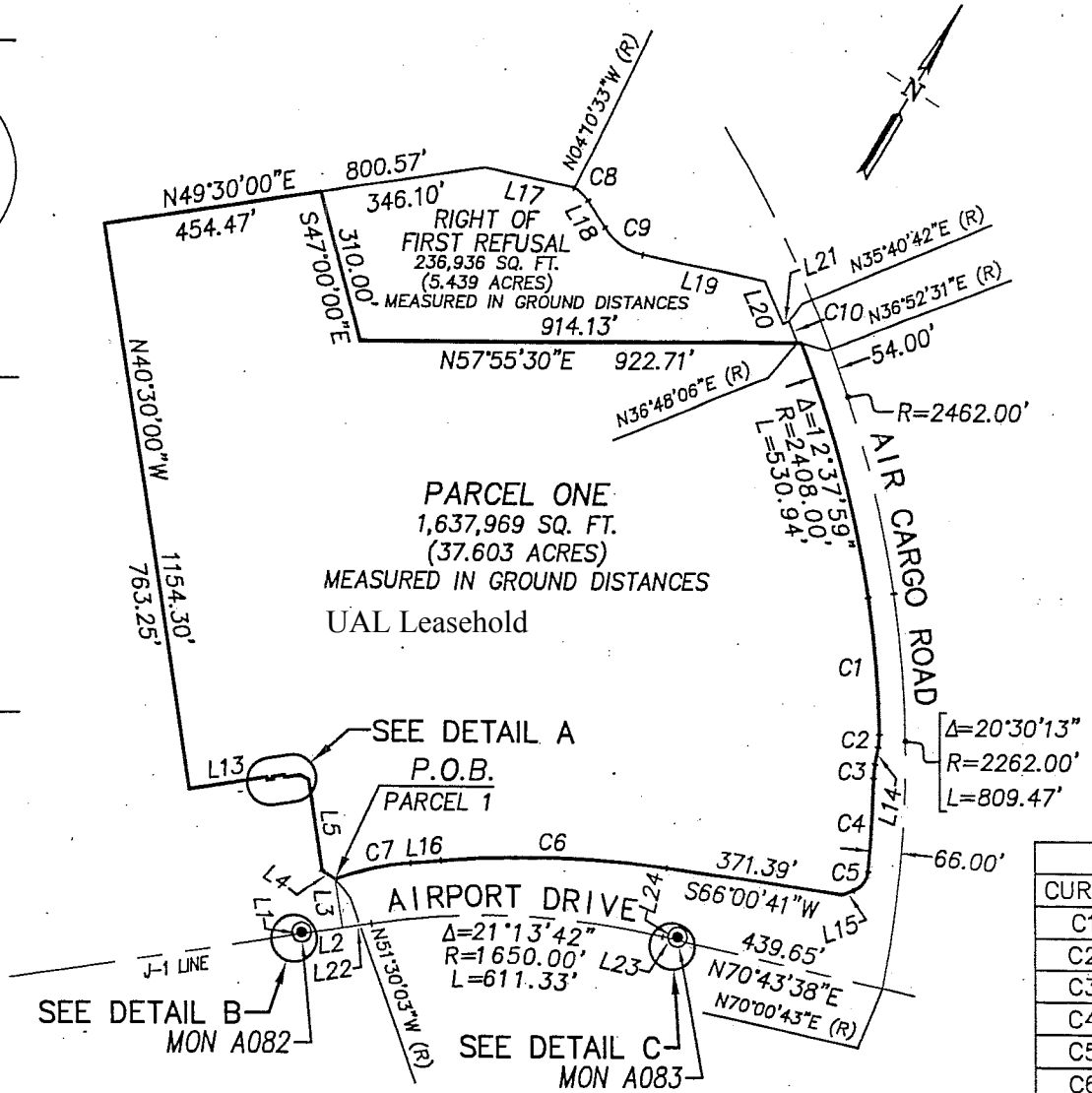


LINE TABLE		
LINE	LENGTH	BEARING
L1	3.64'	S40°30'04"E
L2	85.20'	N49°29'56"E
L3	99.38'	N40°30'04"W
L4	32.29'	N88°22'44"W
L5	187.22'	N40°30'00"W
L6	20.29'	S84°30'00"W
L7	32.17'	S49°09'11"W
L8	5.18'	N33°12'55"W
L9	25.74'	S49°23'10"W
L10	4.89'	S52°17'03"E
L11	13.14'	S47°32'41"W
L12	5.75'	N34°24'12"W
L13	164.09'	S49°38'4
L14	35.82'	S21°09'56"E
L15	24.14'	S38°10'05"W
L16	63.11'	S53°00'42"W
L17	191.09'	N69°40'20"E
L18	64.94'	S65°19'40"E
L19	260.85'	N69°40'20"E
L20	94.07'	S55°10'20"E
L21	13.81'	N35°40'42"E
L22	62.04'	N49°29'56"E
L23	30.41'	N70°43'38"E
L24	6.14'	N19°16'22"W

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	280.51'	2208.00'	7°16'44"
C2	26.28'	125.00'	12°0[illegible]"
C3	28.80'	170.00'	9°4[illegible]"
C4	190.95'	2196.00'	4°58'55"
C5	51.43'	46.00'	64°03'32"
C6	473.52'	2087.00'	12°59'59"
C7	161.35'	637.00'	14°30'45"
C8	38.27'	76.00'	28°50'53"
C9	97.39'	124.00'	45°00'00"
C10	47.05'	2400.00'	1°07'24"

NOTES

All distances shown hereon are grid distances. Multiply grid distances by 1.0000707 to obtain ground distances. All areas shown hereon are measured in ground distances.

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)

1 inch = 400 ft

PORT OF OAKLAND

LAND SURVEYS AND MAPPING

530 Water Street
Oakland, California

UNITED AIRLINES - OAKFL

RBI # 18564 (01/01/03 – 06/30/05)

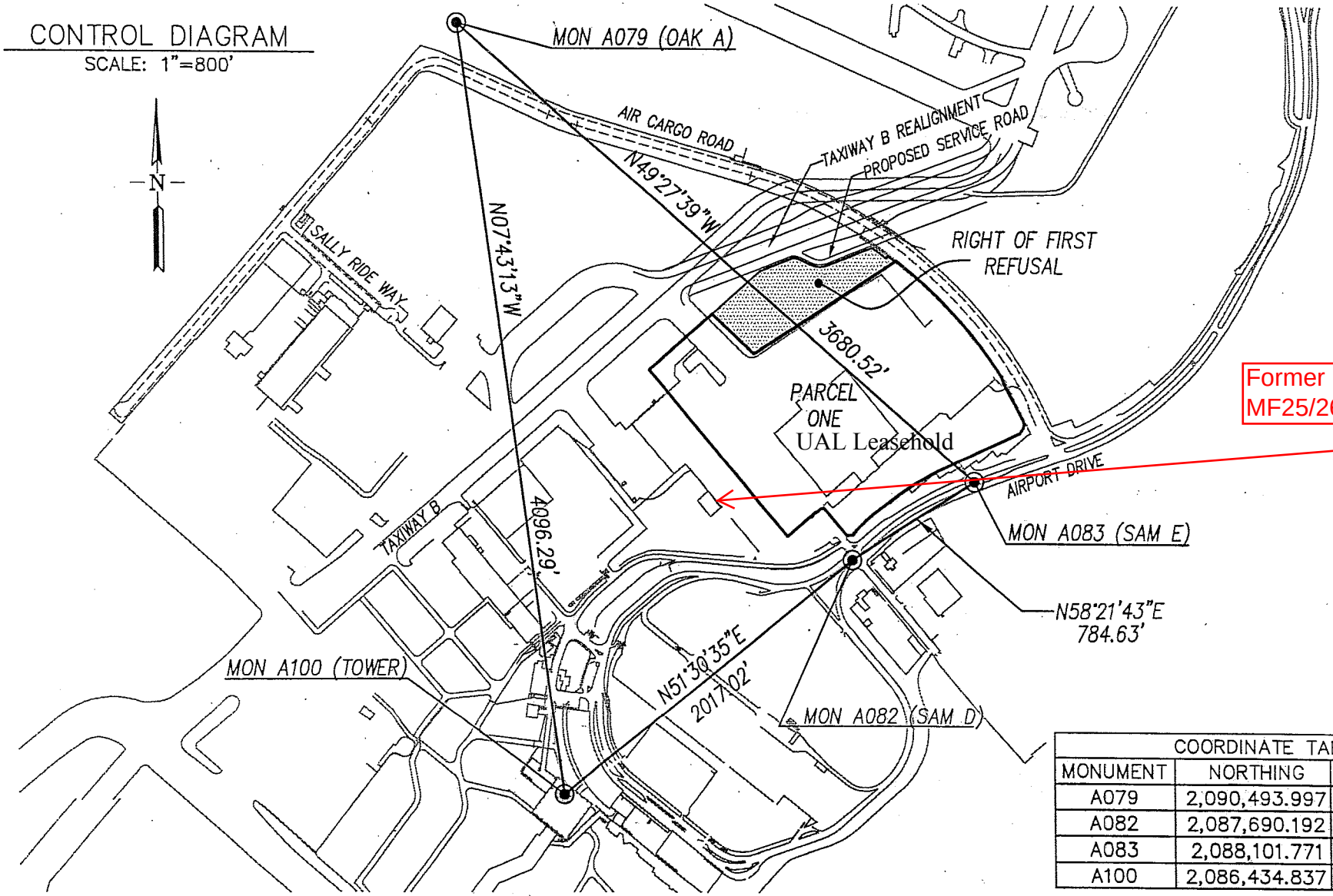
APPROVED:

DATE: 8/18/03

DRAWN BY: EAD/DAM	Field Bk:
CHECKED BY: JRM	Wrk. Ord: 020068
SCALE: 1"= 400'	Data File:
DATE: 1/8/98	Revision: 2
SHEET 2 OF 2	Rev. date: 11/14/02
ATTACHMENTS:	

CONTROL DIAGRAM

SCALE: 1"=800'



COORDINATE TABLE		
MONUMENT	NORTHING	EASTING
A079	2,090,493.997	6,065,221.35
A082	2,087,690.192	6,067,350.390
A083	2,088,101.771	6,068,018.405
A100	2,086,434.837	6,065,771.642

BASIS OF BEARINGS

Bearings, distances and coordinates shown hereon are based upon California Coordinate System, Zone III, North American Datum of 1983 (NAD83), 1984 adjustment, published in 1986, as shown on Record of Survey 990, filed July 19, 1994 in book 18 of Records of Survey at pages 50–60, Alameda County Records. All distances shown hereon are grid distances. Multiply grid distances by 1.0000707 to obtain ground distances.

UNITED AIRLINES - OAKFL
RBI # 18564 (01/01/03 – 06/30/05)

APPROVED: _____

DATE: 3/13/03

2 OF 2

PORT OF OAKLAND

LAND SURVEYS AND MAPPING

530 Water Street
Oakland, California

DRAWN BY: EAD/DAM	Field Bk:
CHECKED BY: JRM	Wrk. Ord: 020068
SCALE: 1"= 800'	Data File:
DATE: 1/9/98	Revision: 2
SHEET 1 OF 2	Rev. date: 11/14/02
ATTACHMENTS:	

Appendix B
Letters from Alameda County Department of Environmental Health to the Port of Oakland re: SITE and former USTs MF25/MF26 – 2005-2006

Appendix B
Letters from Alameda County Department of Environmental Health to the Port of Oakland re: SITE and former USTs MF25/MF26 – 2005-2006

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

October 26, 2006

Mr. Dale Klettke
Port of Oakland
530 Water St.
Oakland, CA 94604-2064

Mr. Dan Tisoncik
United Airlines
1200 E. Algonquin Rd.
Elk Grove Township, IL 60007

Dear Messrs. Klettke and Tisoncik:

Subject: Toxics Leak Case RO0000414, MOIA United Airlines, 1100 Airport Drive, Oakland, CA 94621

Alameda County Environmental Health (ACEH) staff has received the August 2006 Groundwater Sampling and Analysis Report Former United Airlines Hanger prepared by SCA Environmental, Inc. The recommendations of this report are two-fold, no further routine sampling of the site and possible additional assessment if trenching or other underground excavation takes place in former hangar and Economy Parking areas. We previously requested property maps and parcel numbers for the site. Are we correct to assume this information is not available or does not exist? The referenced report refers to the Oakland Maintenance Center (OMC), 1100 Airport Drive, as a 39.09 acre facility and this area is within the bold boundary in the figures presented. The area of the former USTs MF25 and MF26 is outside this bolded area. Since no parcel map or addresses exist for the entire area, our office previously stated it would be "easier" to include this former UST area with that described as the OMC. Future site use will be similar and any administrative controls or restrictions, should they be required, will also apply to both areas. If you would like to separate the two areas, we will need parcel maps, addresses and will assign another site number in addition to the current one.

In an effort to determine if additional investigation is needed to progress the site to closure we request you address the following technical comments and provide the technical reports requested below.

TECHNICAL COMMENTS

1. Presentation of Data- The site had previously been investigated in multiple phases according to the USTs removed at the site, MF23 and 24, MF25 and 26 and MF35 and 36. Weiss Associates identified 18 areas of concern (AOC) among which only one, AOC18 corresponds to the former USTs, where MF25 and 26 were located. This AOC is named as "Offsite Solvent USTs". To best present analytical data for closure consideration, we request that you provide tables representing the original and post-remediation soil and groundwater concentrations for the COCs in each of the former UST areas and those AOCs where contaminants were detected. In each

table, please include appropriate ESLs for risk evaluation. The ESLs should include all potential exposure pathways. We also request that you provide cumulative monitoring result tables for the UST and AOC areas. Please provide this technical information as requested below.

2. Deed Restriction and Administrative Controls- Based upon residual soil and groundwater concentrations at the site, a deed restriction and administrative controls such as construction worker health and safety plan and soil and groundwater management plan, will be required. Your deed restriction should follow the Alameda County Model. An electronic copy of the model will be sent to you shortly. Please send a draft copy of your deed restriction for County concurrence as requested below.

TECHNICAL REPORT REQUEST

Please the following technical reports according to the schedule below:

- November 27, 2006- Tables of soil and groundwater data and monitoring result table
- December 26, 2006- Draft deed restriction

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at barney.chan@acgov.org.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "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." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

If you have any questions, please call me at (510) 567-6765.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: files, D. Drogos
10_25_06 1100 Airport Dr

Appendix C
Post-2002 Data Set - Figures from Previous Consultants' Reports

Appendix C1
Figures from ERM 2004 Report

REPORT ID# 377
pdf - 10-1-08

Former United Airlines Oakland Maintenance Center Site Investigation and Risk Assessment Report *Oakland International Airport*

Presented to
United Airlines
1200 E. Algonquin Road
Elk Grove Township, IL 60007

June 2004

Prepared by

ERM
Environmental Resources Management
1777 Botelho Drive, Suite 260
Walnut Creek, CA 94596

UNITED AIRLINES

ENVIRONMENTAL RESOURCES MANAGEMENT

United Airlines

Former United Airlines Oakland Maintenance Center Site Investigation and Risk Assessment Report *Oakland International Airport*

June 2004

5310.10

Environmental Resources Management
1777 Botelho Drive, Suite 260
Walnut Creek, California 94596

ERM

ENVIRONMENTAL RESOURCES MANAGEMENT

United Airlines

Former United Airlines Oakland Maintenance Center Site Investigation and Risk Assessment Report *Oakland International Airport*

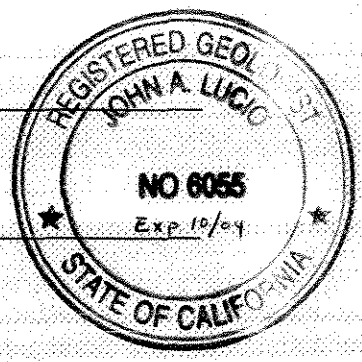
June 2004

5310.10

Jim Warner, R.G.
Principal-in-Charge

John Lucio, R.G.
Project Manager

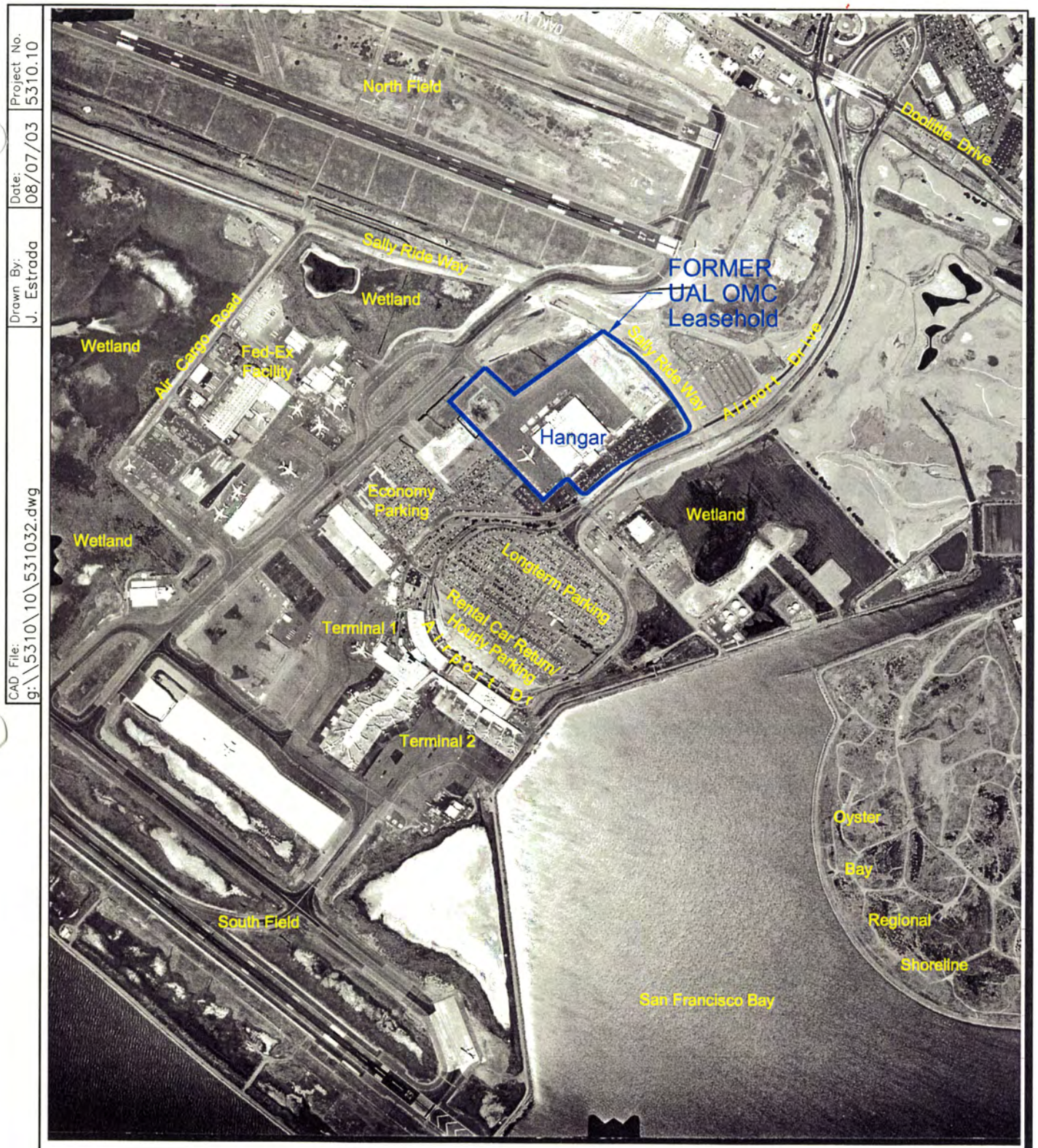
Melinda Truskowski, P.G.
Risk Assessor



Environmental Resources Management
1777 Botelho Drive, Suite 260
Walnut Creek, California 94596

ERM

Figures



CAD File: g:\5310\10\531032.dwg
Drawn By: J. Estrada
Date: 08/07/03
Project No. 5310.10

N

0 1200
Approx. Scale (feet)

Figure ES-1
July 2002 Aerial Photograph
of the OMC and Surrounding Area
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM *08/03*

CAD File:	Drawn By:	Date:	Project No.
g:\\5310\10\53101045.dwg	J. Estrada	03/02/04	5310.10

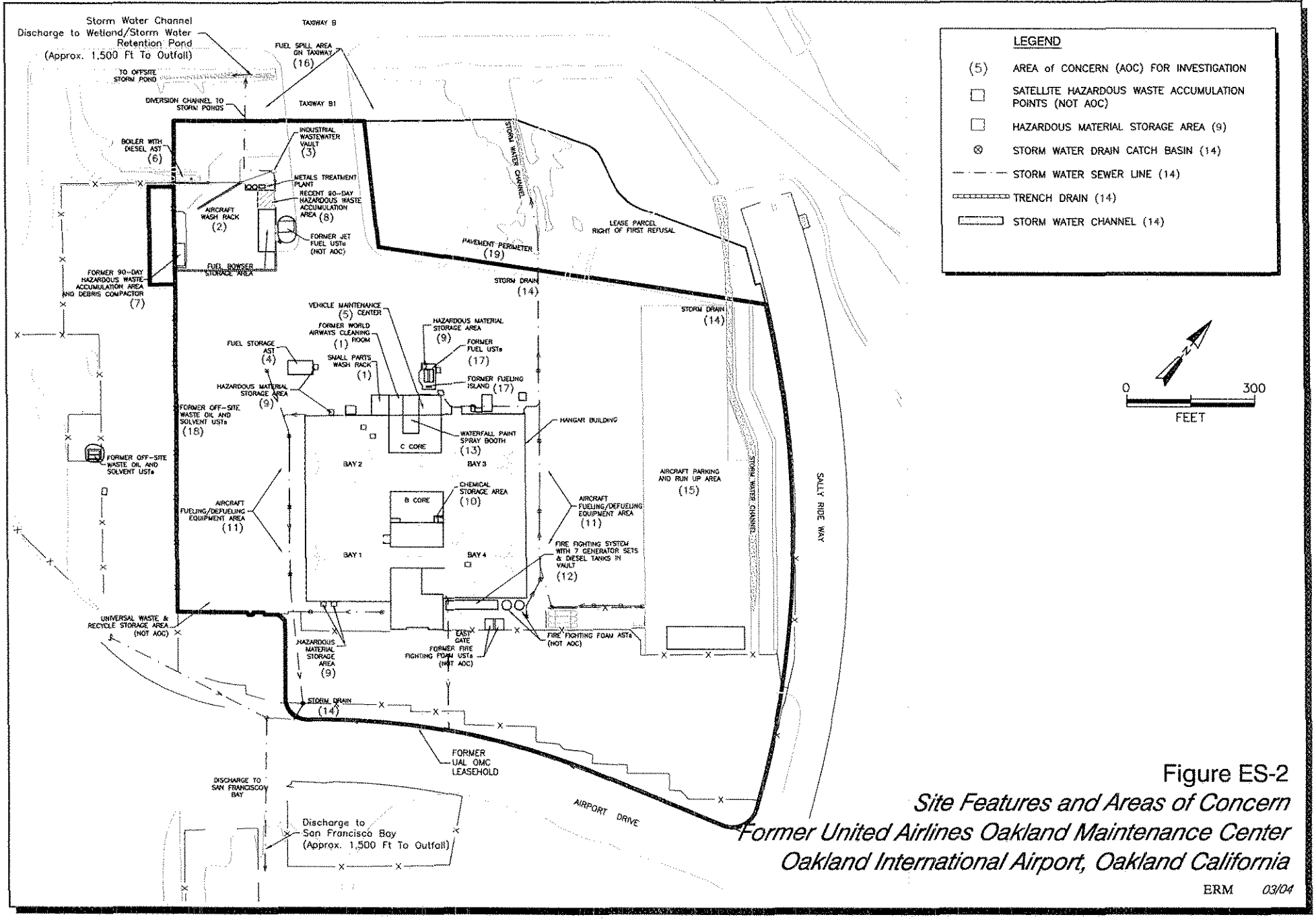


Figure ES-2

Site Features and Areas of Concern

Former United Airlines Oakland Maintenance Center

Oakland International Airport, Oakland California

ERM *03/04*

Figure 1

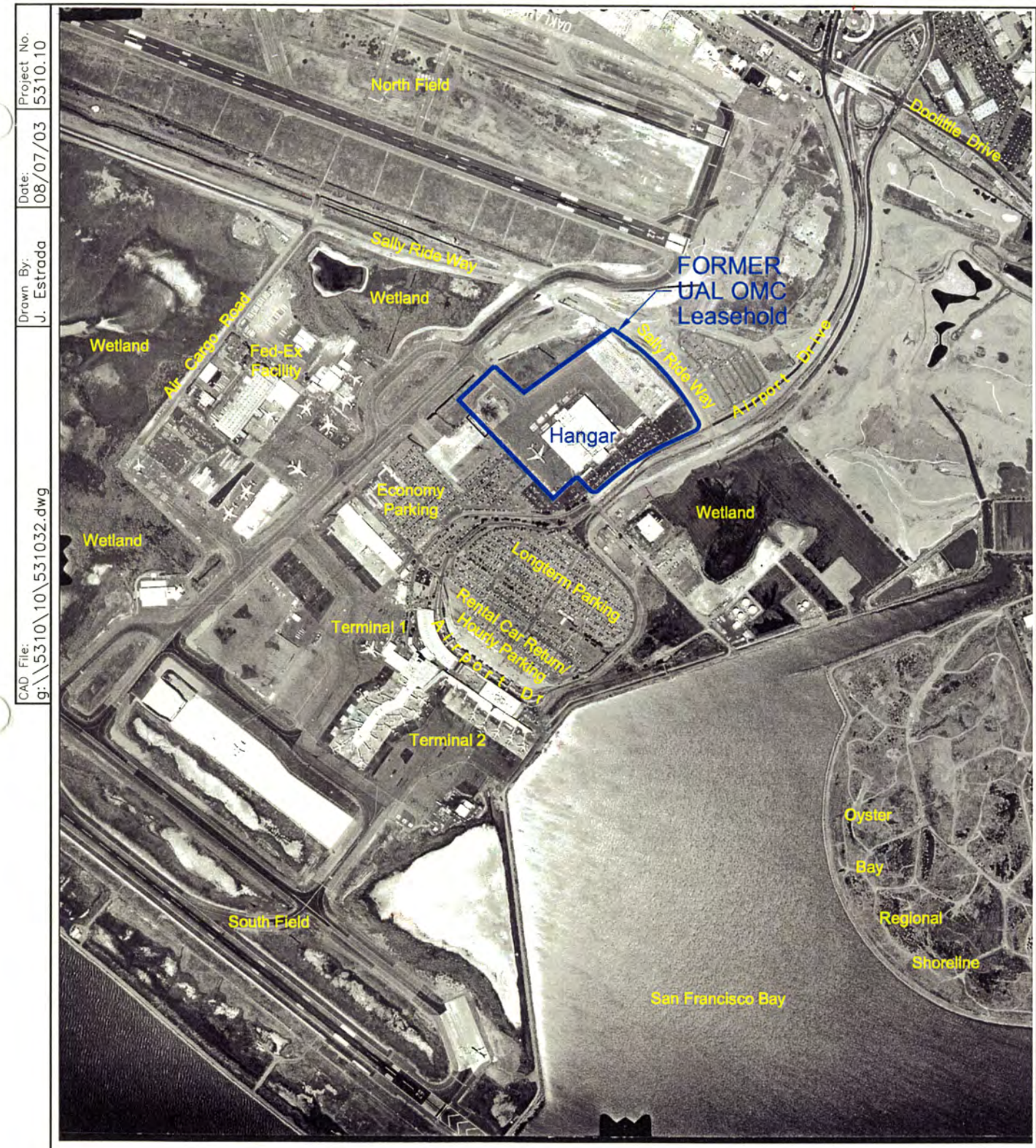
Site Location Map

Former United Airlines Oakland Maintenance Center

Oakland International Airport, Oakland, California

ERM *08/03*

References:
TOPO!® Version 2.6.8 (2001)



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Drawn By: J. Estrada
Date: 08/07/03
Project No. 5310.10

0 1200
Approx. Scale (feet)

Figure 2
July 2002 Aerial Photograph
of the OMC and Surrounding Area
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM *08/03*

Project No. 5310.10
Date 01/20/04
Drawn By J. Estrada
CAD File: g:\5310\10\53101045.dwg

Storm Water Channel Discharge to Wetland/Storm Water Retention Pond (Approx. 1,500 Ft To Outfall)

TO OFFSITE STORM POND

DIVERSION CHANNEL TO STORM PONDS

TAXIWAY B

TAXIWAY B1

FUEL SPILL AREA ON TAXIWAY (16)

BOILER WITH DIESEL AST (6)

INDUSTRIAL WASTEWATER VAULT (3)

METALS TREATMENT PLANT

RECENT 90-DAY HAZARDOUS WASTE ACCUMULATION AREA (8)

AIRCRAFT WASH RACK (2)

FORMER JET FUEL USTs (NOT AOC)

FUEL BOWSER STORAGE AREA

FORMER 90-DAY HAZARDOUS WASTE ACCUMULATION AREA AND DEBRIS COMPACTOR (7)

STORM WATER CHANNEL

PAVEMENT PERIMETER (19)

LEASE PARCEL RIGHT OF FIRST REFUSAL

STORM DRAIN (14)

VEHICLE MAINTENANCE (5) CENTER

FORMER WORLD AIRWAYS CLEANING ROOM (1)

HAZARDOUS MATERIAL STORAGE AREA (9)

FORMER FUEL USTs (17)

FUEL STORAGE AST (4)

SMALL PARTS WASH RACK (1)

FORMER FUELING ISLAND (17)

HAZARDOUS MATERIAL STORAGE AREA (9)

FORMER OFF-SITE WASTE OIL AND SOLVENT USTs (18)

HANGAR BUILDING

WATERFALL PAINT SPRAY BOOTH (13)

C CORE

BAY 2

BAY 3

CHEMICAL STORAGE AREA (10)

B CORE

AIRCRAFT FUELING/DEFUELING EQUIPMENT AREA (11)

BAY 1

BAY 4

FIRE FIGHTING SYSTEM WITH 7 GENERATOR SETS & DIESEL TANKS IN VAULT (12)

AIRCRAFT PARKING AND RUN UP AREA (15)

STORM WATER CHANNEL

SALLY RIDE WAY

FORMER OFF-SITE WASTE OIL AND SOLVENT USTs

UNIVERSAL WASTE & RECYCLE STORAGE AREA (NOT AOC)

HAZARDOUS MATERIAL STORAGE AREA (9)

EAST GATE

FORMER FIRE FIGHTING FOAM USTs (NOT AOC)

FIRE FIGHTING FOAM ASTs (NOT AOC)

STORM DRAIN (14)

FORMER UAL OMC LEASEHOLD

DISCHARGE TO SAN FRANCISCO BAY

AIRPORT DRIVE

Discharge to San Francisco Bay (Approx. 1,500 Ft To Outfall)

0 200 FEET

LEGEND

- (5) AREA of CONCERN (AOC) FOR INVESTIGATION
- SATELLITE HAZARDOUS WASTE ACCUMULATION POINTS (NOT AOC)
- HAZARDOUS MATERIAL STORAGE AREA (9)
- STORM WATER DRAIN CATCH BASIN (14)
- STORM WATER SEWER LINE (14)
- TRENCH DRAIN (14)
- STORM WATER CHANNEL (14)

Figure 3
Site Features and Areas of Concern
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California
ERM 01/04

CAD File: g:\5310\10\5310020.dwg
Drawn By: J. Estrada
Date: 01/20/04
Project No. 5310.10

Storm Water Channel Discharge to Wetland/Storm Water Retention Pond (Approx. 1,500 Ft To Outfall)

TO OFFSITE STORM POND

DIVERSION CHANNEL TO STORM PONDS

TAXIWAY B

TAXIWAY B1

FUEL SPILL AREA ON TAXIWAY (16)

BOILER WITH DIESEL AST (6)

INDUSTRIAL WASTEWATER VAULT (3)

METALS TREATMENT PLANT

RECENT 90-DAY HAZARDOUS WASTE ACCUMULATION AREA (8)

AIRCRAFT WASH RACK (2)

FORMER JET FUEL USTs (NOT AOC)

FORMER 90-DAY HAZARDOUS WASTE ACCUMULATION AREA AND DEBRIS COMPACTOR (7)

FUEL BOWSER STORAGE AREA (NOT AOC)

VEHICLE MAINTENANCE CENTER (5)

FORMER WORLD AIRWAYS CLEANING RM. (1)

HAZARDOUS MATERIAL STORAGE AREA (9)

FUEL STORAGE AST (4)

SMALL PARTS WASH RACK (4)

FORMER OFF-SITE WASTE OIL AND SOLVENT USTs (18)

HAZARDOUS MATERIAL STORAGE AREA (9)

FORMER OFF-SITE WASTE OIL AND SOLVENT USTs

AIRCRAFT FUELING/DEFUELING EQUIPMENT AREA (11)

C CORE

B CORE

WATERFALL PAINT SPRAY BOOTH (13)

CHEMICAL STORAGE AREA (10)

HANGAR BUILDING

HAZARDOUS MATERIAL STORAGE AREA (9)

FORMER FUEL USTs (17)

FORMER FUELING ISLAND (17)

STORM WATER CHANNEL

PAVEMENT PERIMETER (19)

LEASE PARCEL RIGHT OF FIRST REFUSAL

STORM DRAIN (14)

SALLY RIDE WAY

AIRCRAFT PARKING AND RUN UP AREA (15)

AIRCRAFT FUELING/DEFUELING EQUIPMENT AREA (11)

UNIVERSAL WASTE & RECYCLE STORAGE AREA (NOT AOC)

HAZARDOUS MATERIAL STORAGE AREA (9)

STORM DRAIN (14)

EAST GATE

FORMER FIRE FIGHTING FOAM USTs (NOT AOC)

FIRE FIGHTING FOAM ASTs (NOT AOC)

FIRE FIGHTING SYSTEM WITH 7 GENERATOR SETS & DIESEL TANKS IN VAULT (12)

FORMER UAL OMC LEASEHOLD

DISCHARGE TO SAN FRANCISCO BAY

AIRPORT DRIVE

Discharge to San Francisco Bay (Approx. 1,500 Ft To Outfall)

0 200 FEET

LEGEND

- (5) AREA of CONCERN (AOC) FOR INVESTIGATION
- ERM-MW-01 ERM MONITORING WELL
- UAL-MW-3 OTHER MONITORING WELL
- ERM-B-10 ERM BORING
- W-B-2 WEISS BORING
- SATELLITE HAZARDOUS WASTE ACCUMULATION POINTS (NOT AOC)
- HAZARDOUS MATERIAL STORAGE AREA (9)
- STORM WATER DRAIN CATCH BASIN (14)
- STORM WATER SEWER LINE (14)
- TRENCH DRAIN (14)
- STORM WATER CHANNEL (14)

Figure 4
Soil Boring and Monitoring Well Locations
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California
ERM 01/04

CAD File:	Drawn By:	Date:	Project No.
G:\\5310\10\53101031.dwg	R. Olson	08/08/03	5310.10

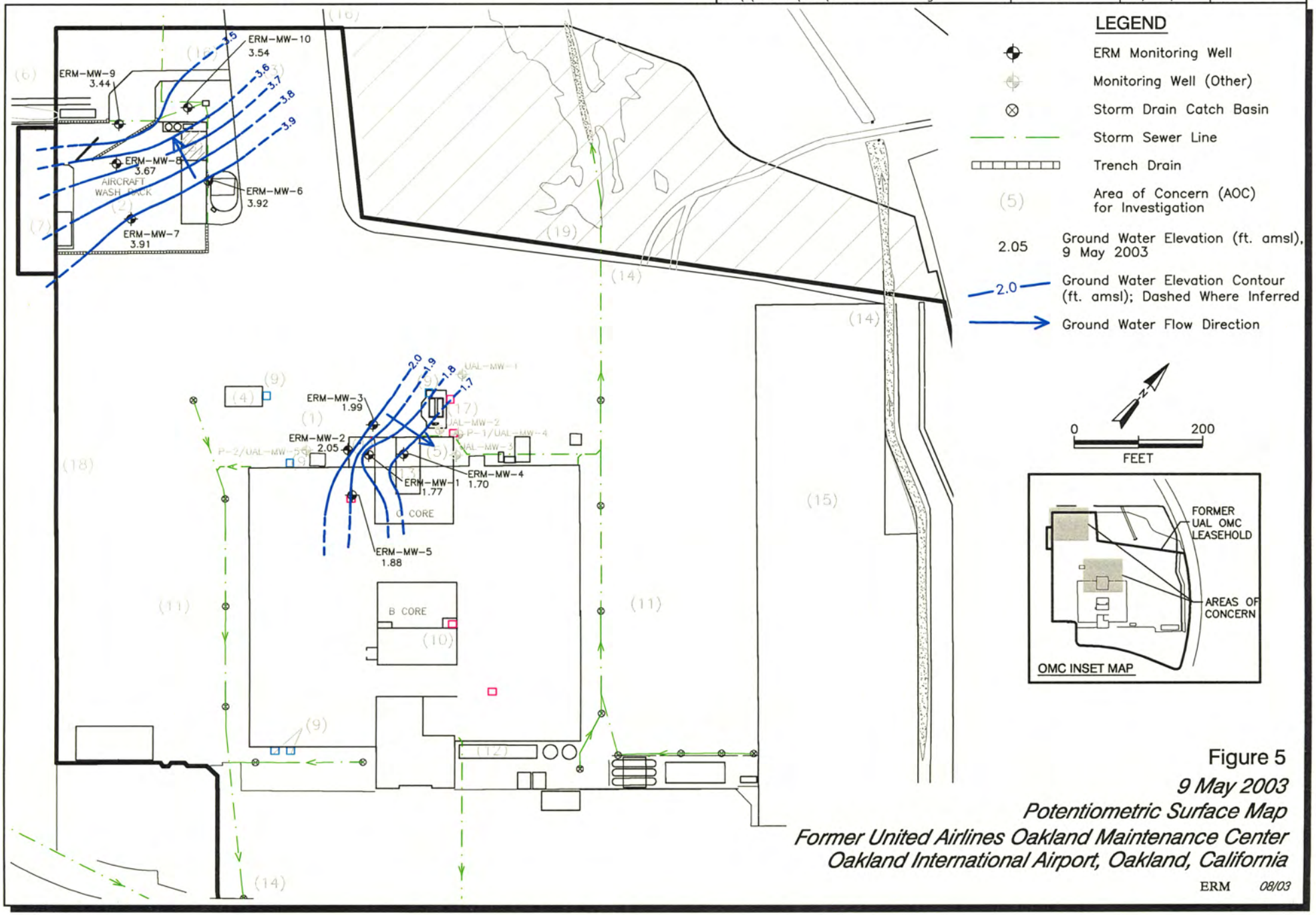


Figure 5

9 May 2003

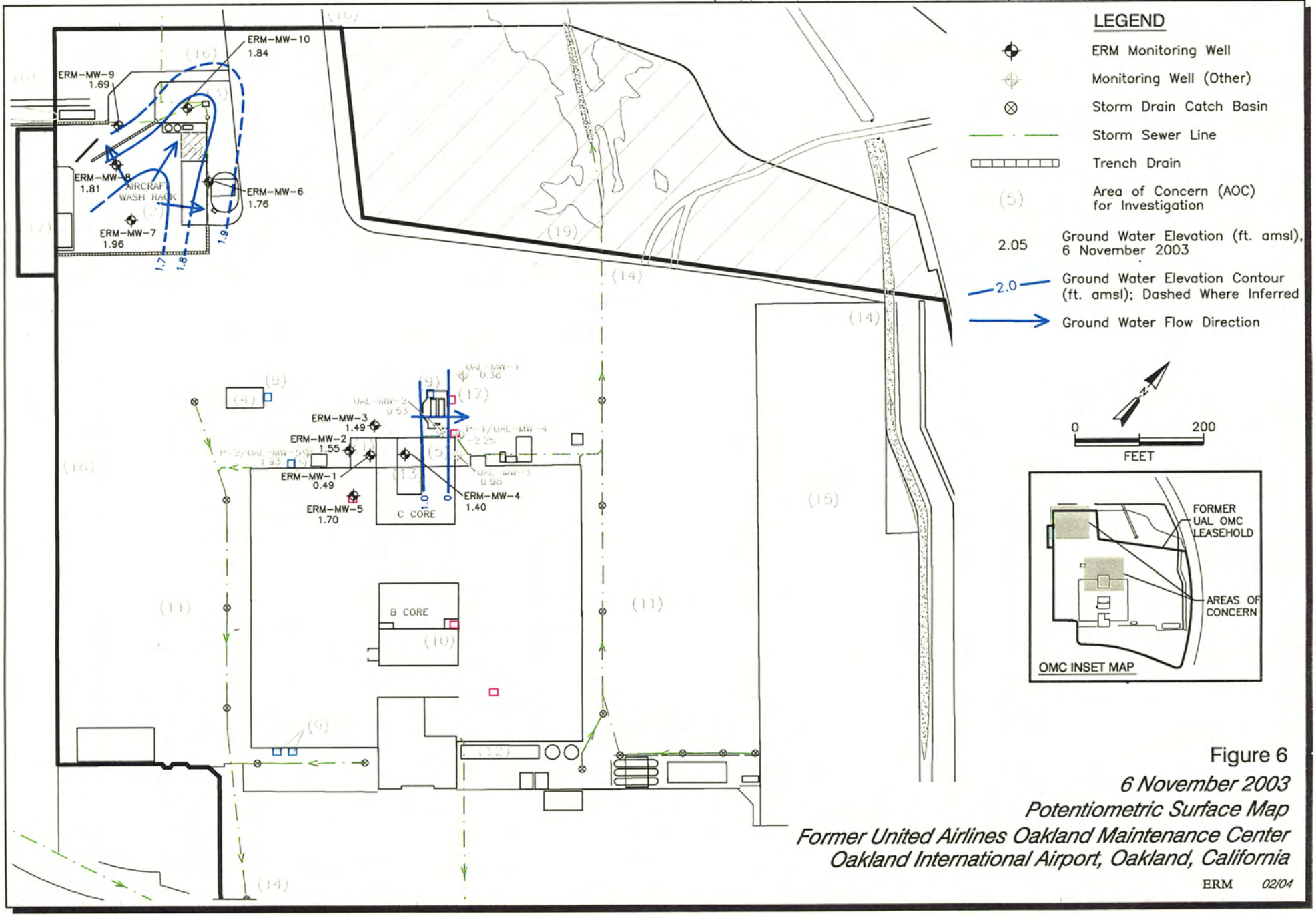
Potentiometric Surface Map

Former United Airlines Oakland Maintenance Center

Oakland International Airport, Oakland, California

ERM 08/03

CAD File:	Drawn By:	Date:	Project No.
G:\\5310\10\53101048.dwg	J. Estrada	02/02/04	5310.10



LEGEND

- ERM Monitoring Well
- Monitoring Well (Other)
- Storm Drain Catch Basin
- Storm Sewer Line
- Trench Drain
- (5) Area of Concern (AOC) for Investigation
- 2.05 Ground Water Elevation (ft. amsl), 6 November 2003
- 2.0 Ground Water Elevation Contour (ft. amsl); Dashed Where Inferred
- Ground Water Flow Direction

0 200
FEET

Figure 6

6 November 2003
Potentiometric Surface Map
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM 02/04

CAD File:	Drawn By:	Date:	Project No.
G:\\5310\10\53101047.dwg	J. Estrada	02/02/04	5310.10

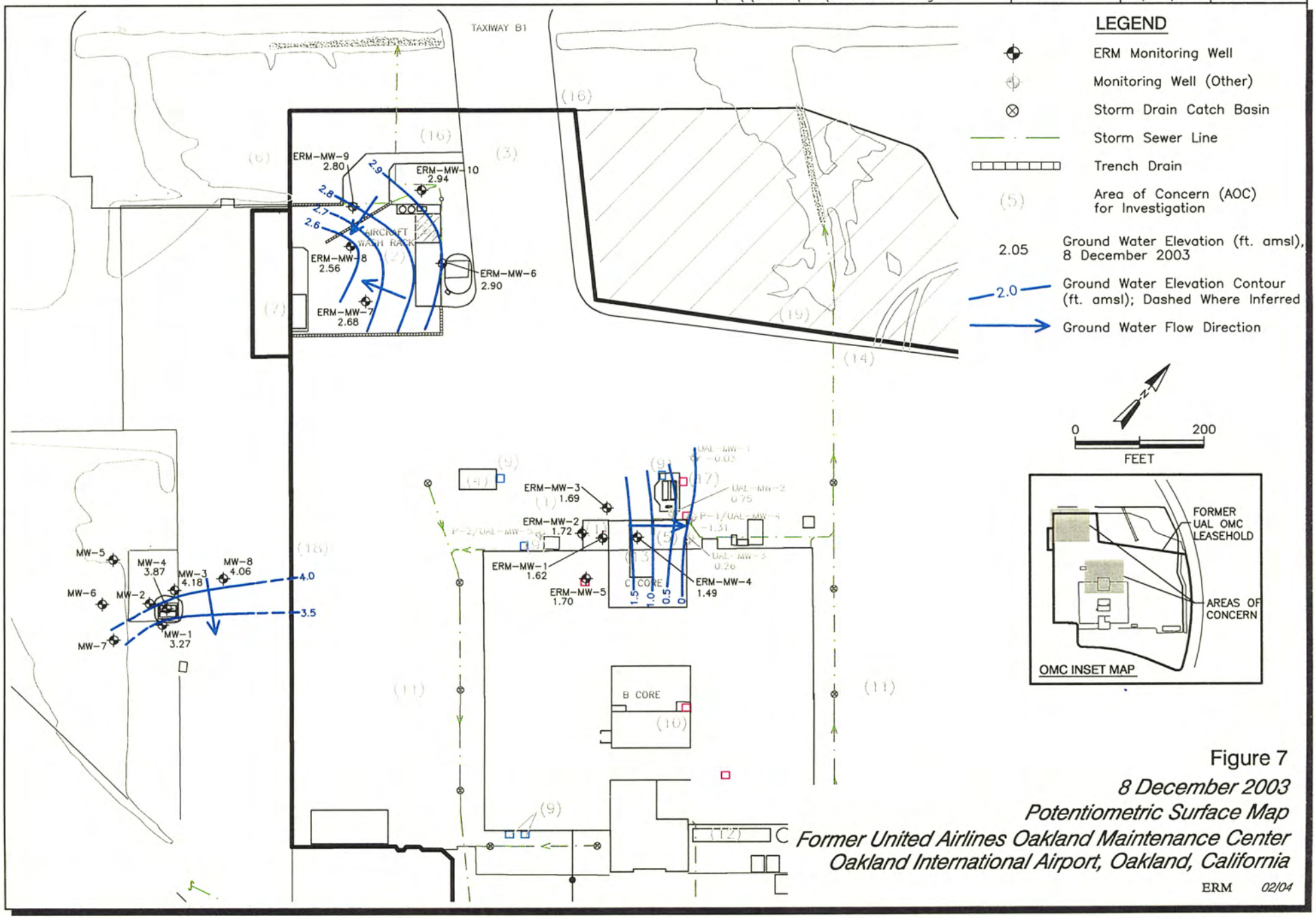


Figure 7

8 December 2003

Potentiometric Surface Map

Former United Airlines Oakland Maintenance Center

Oakland International Airport, Oakland, California

ERM 02/04

CAD File:	Drawn By:	Date:	Project No.
G:\\5310\10\53101044.dwg	J. Estrada	01/19/03	5310.10

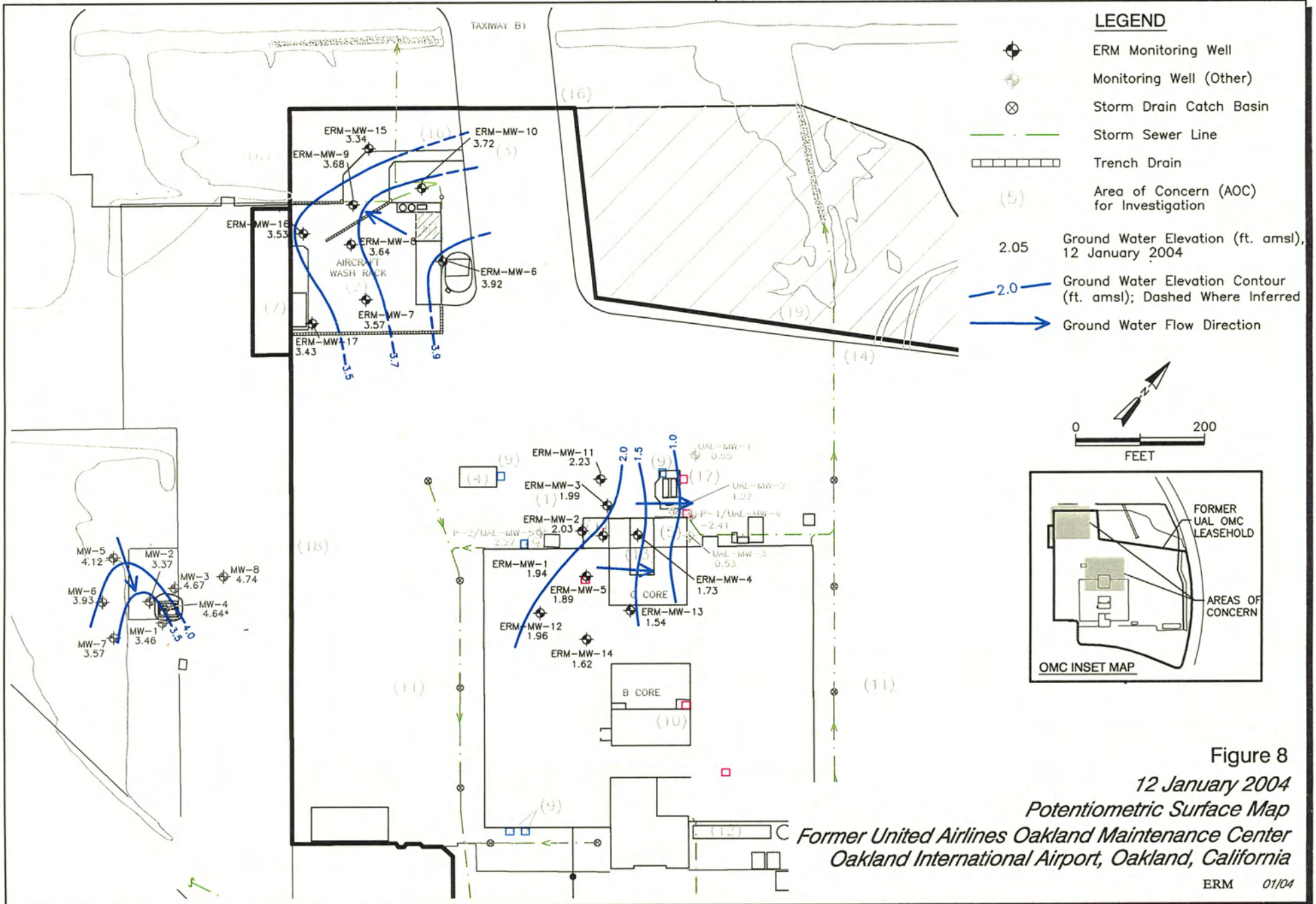


Figure 8

12 January 2004

Potentiometric Surface Map

Former United Airlines Oakland Maintenance Center

Oakland International Airport, Oakland, California

ERM 01/04

Project No. 5310.10
Date: 01/20/03
Drawn By: J. Estrada
CAD File: g:\5310\10\53101034.dwg

Storm Water Channel
Discharge to Wetland/Storm
Water Retention Pond
(Approx. 1,500 Ft To Outfall)

STORM WATER CHANNEL

EMPLOYEE PARKING

M-110

M-154

STORM WATER CHANNEL

SALLY RIDE WAY

AIRPORT DRIVE

FORMER
UAL OMC
LEASEHOLD

M-105

M-117

M-118

Discharge to
San Francisco Bay
(Approx. 1,500 Ft To Outfall)

N

0 200
FEET

LEGEND

- W — Water
- Trench Drain
- Storm Water Drain
- Soap Dispenser
- SS — Sanitary Sewer Drain
- G — Gas Line
- F — Fuel Line
- E — Electrical Line
- A — Air Line
- Fuel Pit
- Storm Drain Catch Basin

Figure 9
Site Utilities Map
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California
ERM 01/04

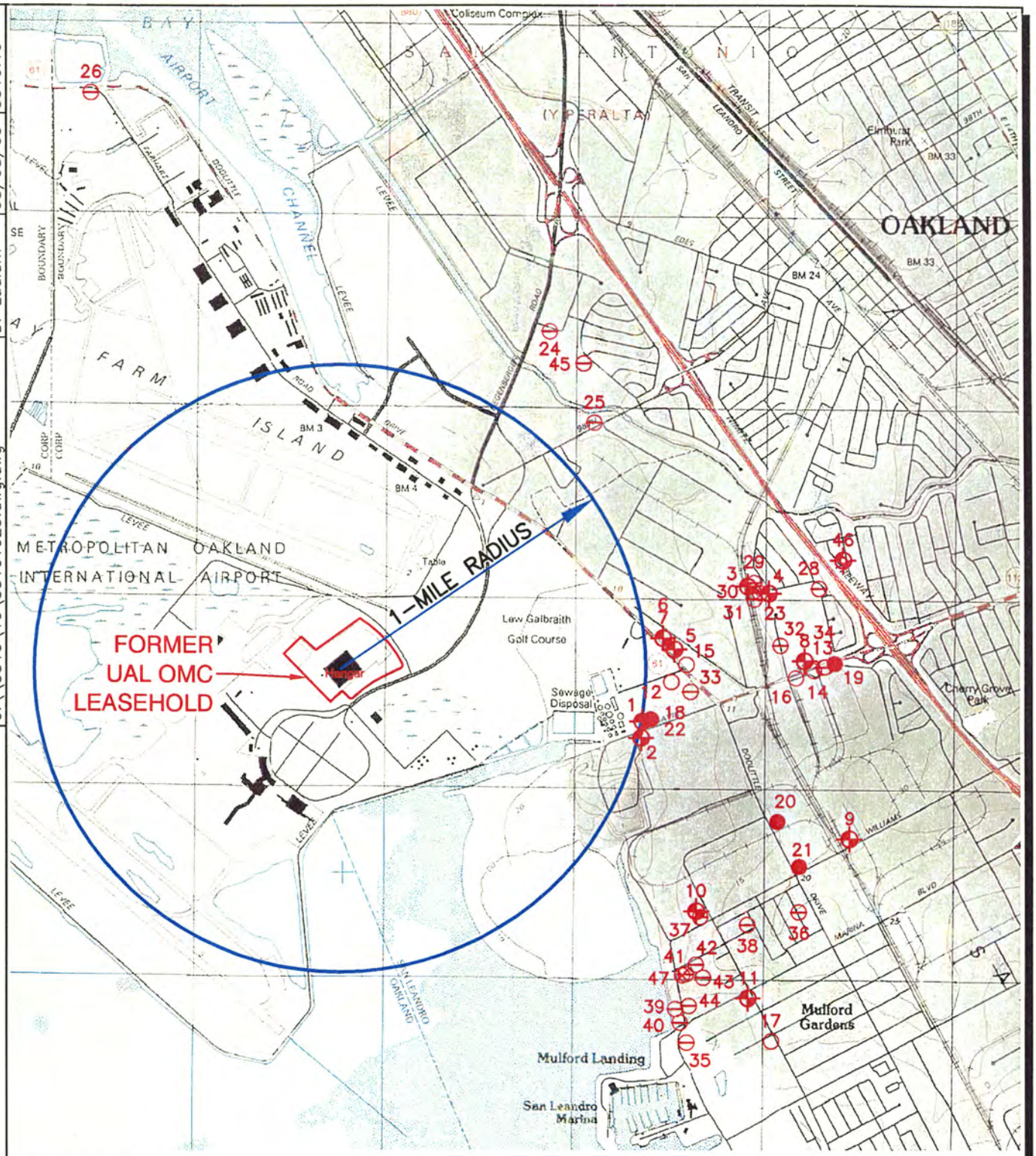


Figure 10

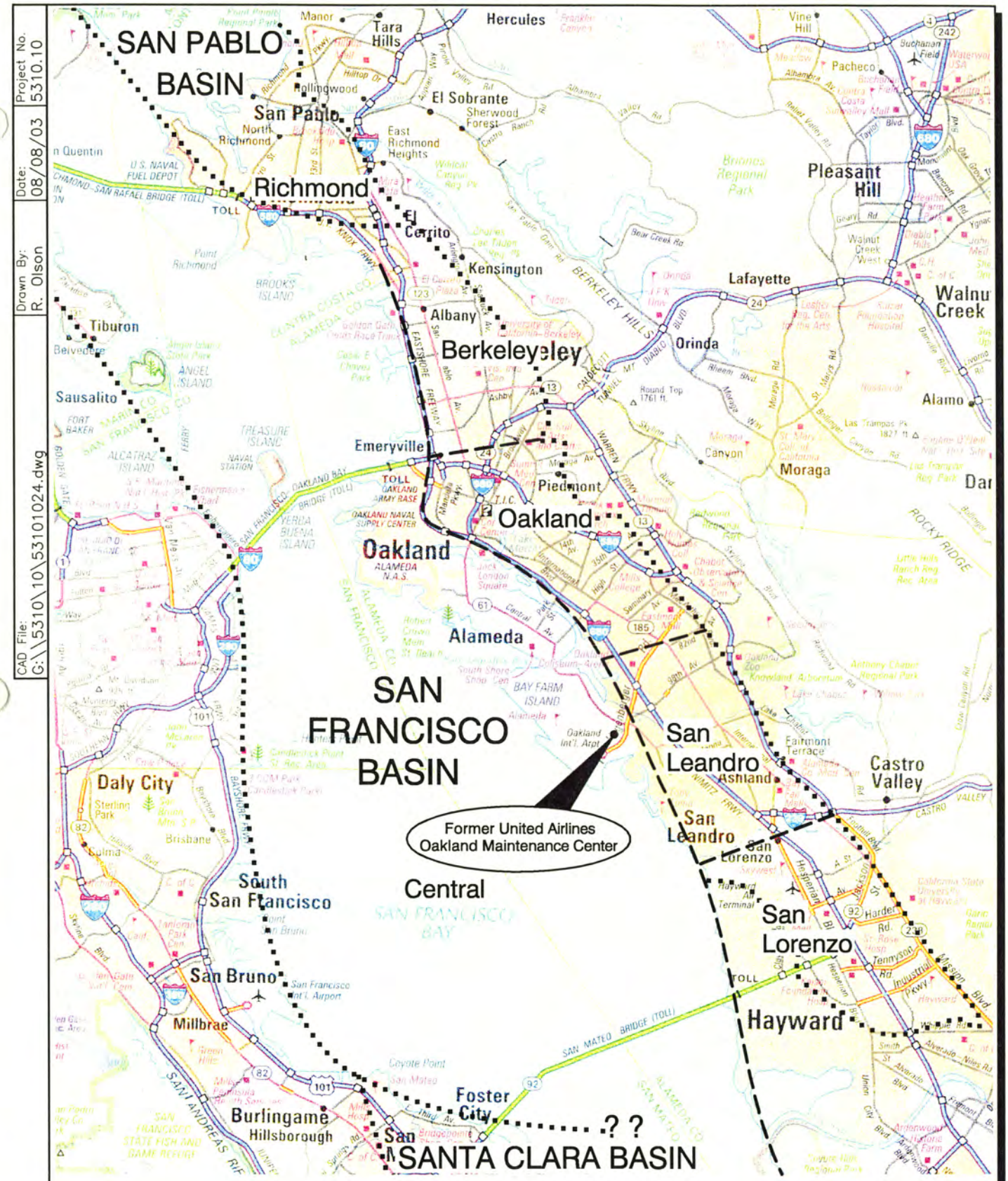
Water Supply Well Locations

Former United Airlines Oakland Maintenance Center

Oakland International Airport, Oakland, California

References:
TOPO!®Version 2.6.8 (2001)

ERM 07/03



Sources: Rand McNally Road Atlas 1999.
East Bay Plain Groundwater Basin Beneficial Use Evaluation Report, Final Report, May 27, 2003, San Francisco Bay Regional Water Quality Control Board Groundwater Committee.

Figure 11

East Bay Plain Ground Water Basin Sub-Areas
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM 07/03

Project No. 5310.10
Date: 01/19/04
Drawn By: J. Estrada
CAD File: g:\53\10\531041AOC1_5_17.dwg

ABBREVIATIONS:

CLASS	Chemical Class
CHEM	Chemical Constituent
CONC	Concentration
STD	Standard
ND	Not Detected
TEPH	Total Extractable Petroleum Hydrocarbon
TPPH	Total Purgeable Petroleum Hydrocarbon
VOCs	Volatile Organic Compounds
SVOC	Semi Volatile Organic Compounds
1,1–DCA	1,1–Dichloroethane
1,2–DCA	1,2–Dichloroethane
VC	Vinyl Chloride
c–1,2–DCE	cis–1,2–Dichloroethene
Ni	Nickel

Notes:
Standards included RWQCB RBSL for Commercial Ground Water and USEPA MCLs for Ground Water.
Highlighted data indicates concentration greater than STD.
Normal Text=ERM data.
Italic Text=Weiss data.
Soil data table (brown) on top or left.
Soil Concentration results are in mg/kg.
Grounw water data table (blue) on bottom or right.
Ground water concentration results are in µg/L.

● SAMPLE LOCATION
⌖ MONITORING WELL LOCATION
AOC 1 AREA OF CONCERN

HAZARDOUS MATERIAL STORAGE (AOC 9)

FORMER FUEL USTs and FUELING ISLAND

SATELLITE HAZARDOUS ACCUMULATION POINT (NOT AOC)

AOC 17

SATELLITE HAZARDOUS ACCUMULATION POINT (NOT AOC)

SMALL PARTS WASH RACK

FORMER WORLD AIRWAYS CLEANING ROOM

AOC 1

VEHICLE MAINTENANCE CENTER

AOC 5

C CORE

WATERFALL PAINT SPRAY BOOTH

UAL–MW–1

CLASS	RESULT
TEPH	ND
TPPH	ND
VOCs	<STD

ERM–MW–11

CLASS	RESULT	CHEM	CONC	STD
VOCs	>STD	1,1–DCA	7.4	5
Metals	<STD	Ni	–	–

W–B–6

CLASS	RESULT	CLASS	RESULT	CHEM	CONC	STD
TEPH	*<STD*	TEPH	<STD	–	–	–
TPPH	ND	TPPH	ND	–	–	–
VOCs	ND	VOCs	>STD	1,1–DCA	33	5
Metals	<STD	Metals	<STD	–	–	–

W–B–4

CLASS	RESULT	CLASS	RESULT	CHEM	CONC	STD
TEPH	*<STD*	TEPH	<STD	–	–	–
TPPH	*<STD*	TPPH	ND	–	–	–
VOCs	*<STD*	VOCs	>STD	1,1–DCA	16	5
Metals	<STD	Metals	<STD	–	–	–

W–B–5

CLASS	RESULT	CLASS	RESULT	CHEM	CONC	STD
TEPH	*<STD*	TEPH	ND	–	–	–
TPPH	*<STD*	TPPH	ND	–	–	–
VOCs	*<STD*	VOCs	>STD	1,1–DCA	38	5
Metals	<STD	Metals	<STD	–	–	–

ERM–MW–03

CLASS	RESULT	CHEM	CONC	STD
VOCs	>STD	1,1–DCA	16	5
Metals	<STD	Ni	–	–

ERM–B–11

CLASS	RESULT	CLASS	RESULT	COMP	CONC	STD
TEPH	ND	TEPH	<STD	–	–	–
TPPH	ND	TPPH	ND	–	–	–
VOCs	ND	VOCs	>STD	MTBE	73	13
Metals	<STD	Metals	<STD	–	–	–
PCBs	ND					

UAL–MW–2

CLASS	RESULT	COMP	CONC	STD
TEPH	<STD	–	–	–
TPPH	ND	–	–	–
VOCs	>STD	MTBE	38	13
SVOCs	ND	–	–	
Metals	<STD	–	–	

W–B–3

CLASS	RESULT	CLASS	RESULT	COMP	CONC	STD
TEPH	*<STD*	*TEPH*	*>STD*	*MO*	*650*	*640*
TPPH	ND	TPPH	<STD	–	–	–
VOCs	ND	VOCs	>STD	MTBE	210	13
Metals	<STD	Metals	>STD	Sb	55	6

W–B–1

CLASS	RESULT	CLASS	RESULT	COMP	CONC	STD
TEPH	*<STD*	*TEPH*	*<STD*	–	–	–
TPPH	*<STD*	*TPPH*	*ND*	–	–	–
VOCs	*ND*	*VOCs*	*>STD*	*MTBE*	*120*	*13*
Metals	*<STD*	*Metals*	*<STD*	–	–	–

P–1/UAL–MW–4

CLASS	RESULT	COMP	CONC	STD
TEPH	<STD	–	–	–
TPPH	<STD	–	–	–
VOCs	>STD	MTBE	84	13
Metals	*>STD*	*As*	*847*	*50*

P–2/UAL–MW5

CLASS	RESULT
TEPH	ND
TPPH	ND
VOCs	<STD
Metals	<STD

ERM–MW–02

CLASS	RESULT	CHEM	CONC	STD
VOCs	>STD	1,1–DCA	21	5
VOCs	>STD	1,2–DCA	0.56	0.5
Metals	<STD	Ni	–	–

ERM–MW–01

CLASS	RESULT	CHEM	CONC	STD
VOCs	>STD	1,1–DCA	23	5
VOCs	>STD	1,2–DCA	0.83	0.5
VOCs	>STD	c–1,2–DCE	19	6
Metals	>STD	Ni	0.19	0.10

ERM–MW–04

CLASS	RESULT	CHEM	CONC	STD
VOCs	>STD	1,1–DCA	33	5
VOCs	>STD	1,2–DCA	5.2	0.5
Metals	>STD	Ni	200	100

ERM–B–10

CLASS	RESULT	CLASS	RESULT	COMP	CONC	STD
TEPH	ND	TEPH	<STD	–	–	–
TPPH	ND	TPPH	<STD	–	–	–
VOCs	ND	VOCs	>STD	MTBE	110	13
Metals	<STD	Metals	>STD	Sb	74	6
		Metals	>STD	Be	8.6	4

W–B–2

CLASS	RESULT	CLASS	RESULT	COMP	CONC	STD
TEPH	*<STD*	TEPH	<STD	–	–	–
TPPH	ND	TPPH	<STD	–	–	–
VOCs	ND	VOCs	>STD	MTBE	200	13
Metals	<STD	SVOCs	ND	–	–	–
		Metals	<STD	–	–	–

UAL–MW–3

CLASS	RESULT	COMP	CONC	STD
TEPH	<STD	–	–	–
TPPH	ND	–	–	–
VOCs	>STD	MTBE	69	13
Metals	=STD	Ni	100	100

ERM–B–2

CLASS	RESULT	CLASS	RESULT	CHEM	CONC	STD
TEPH	ND	TEPH	ND	–	–	–
TPPH	ND	TPPH	<STD	–	–	–
VOCs	ND	VOCs	>STD	1,1–DCA	47	5
Metals	<STD	VOCs	>STD	c–1,2–DCE	9.2	6
		SVOC	ND	–	–	–
		Metals	>STD	Ni	130	100

ERM–MW–05

CLASS	RESULT	CHEM	CONC	STD
VOCs	>STD	1,1–DCA	52	5
VOCs	>STD	1,2–DCA	3.5	0.5
VOCs	>STD	c–1,2–DCE	46	6
VOCs	>STD	VC	0.89	0.5
Metals	<STD	Ni	–	–

SATELLITE HAZARDOUS ACCUMULATION POINT

ERM–B–1

CLASS	RESULT	CHEM	CONC	STD	CLASS	RESULT
TEPH	<STD	–	–	–	TEPH	ND
TPPH	<STD	–	–	–	TPPH	ND
VOCs	>STD	1,1–DCA	39	5	VOCs	ND
Metals	>STD	Ni	190	100	Metals	<STD

ERM–MW–12

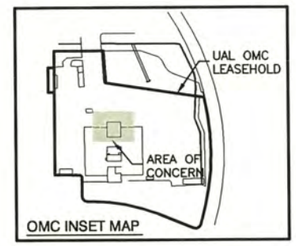
CLASS	RESULT	CHEM	CONC	STD
VOCs	>STD	1,2–DCA	1.1	0.5
Metals	<STD	Ni	–	–

ERM–MW–13

CLASS	RESULT	CHEM	CONC	STD
VOCs	>STD	1,1–DCA	9.9	5
Metals	>STD	Ni	160	100

CLASS	RESULT	CHEM	CONC	STD
VOCs	>STD	1,1–DCA	9.4	5
Metals	>STD	Ni	590	100

ERM–MW–14



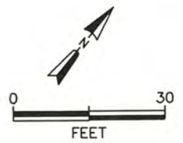


Figure 12
Areas of Concern 1, 5, and 17
Soil and Ground Water Results
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM 01/04

CAD File: g:\5310\10\33101043 AOC23-6-8-16.DWG
Drawn By: J. Estrada
Date: 01/19/04
Project No. 5310.10

ERM-B-6

CLASS	RESULT	CLASS	RESULT	CHEM	CONC	STD
TEPH	<STD	TEPH	>STD	–	990	640
TPPH	<STD	TPPH	>STD	–	1700	500
VOCs	<STD	VOCs	>STD	DCM	85	5
SVOCs	ND	Metals	>STD	Ni	260	100
METALS	<STD					

CLASS	RESULT	CHEM	CONC	STD
Metals	<STD	Ni	–	100

ERM-MW-15

ERM-B-5

CLASS	RESULT	CLASS	RESULT	CHEM	CONC	STD
TEPH	ND	TEPH	>STD	–	4700	640
TPPH	<STD	TPPH	ND	–	–	–
VOCs	<STD	VOCs	>STD	DCM	86	5
METALS	<STD	SVOC	<STD	–	–	–
		Metals	>STD	Ni	230	100

ERM-MW-9

CLASS	RESULT	CHEM	CONC	STD
TEPH	<STD	–	–	–
TPPH	>STD	–	760	640
VOCs	<STD	–	–	–
Metals	>STD	Ni	370	100
Metals	>STD	Pb	0.02	0.015

ERM-B-27

CLASS	RESULT	CLASS	RESULT
TEPH	ND	TEPH	<STD
BTEX	ND	BTEX	ND
		SVOC	ND

ERM-B-7

CLASS	RESULT	CHEM	CONC	STD
TEPH	<STD	–	–	–
TPPH	ND	–	–	–
VOCs	ND	–	–	–
Metals	>STD	Cd	5.6	5

AOC 16

ERM-MW-10

CLASS	RESULT
TEPH	<STD
TPPH	ND
VOCs	ND
Metals	<STD

INDUSTRIAL WASTEWATER SUMP
AOC 3

BOILER W/ DIESEL AST
AOC 6

W-B-11

CLASS	RESULT	CLASS	RESULT
TPH-D	ND	TEPH	<STD
TPH-P	ND	TPPH	ND
VOCs	ND	VOCs	ND
Metals	<STD	Metals	<STD

W-B-12

CLASS	RESULT	CLASS	RESULT	CHEM	CONC	STD
TEPH	<STD	TEPH	>STD	–	5100	640
TPPH	*<STD*	TPPH	ND	–	–	–
VOCs	ND	VOCs	ND	–	–	–
Metals	<STD	SVOCs	ND	–	–	–
		Metals	>STD	Cd	38	5

W-B-10

CLASS	RESULT	CLASS	RESULT
TEPH	*<STD*	TEPH	<STD
TPPH	ND	TPPH	ND
VOCs	*<STD*	VOCs	ND
Metals	<STD	Metals	<STD

ERM-MW-8

CLASS	RESULT	CHEM	CONC	STD
TEPH	<STD	–	–	–
TPPH	ND	–	–	–
VOCs	<STD	–	–	–
Metals	>STD	Ni	240	100
Metals	>STD	Pb	0.033	0.015

METALS TREATMENT PLANT

ERM-B-12

CLASS	RESULT
TEPH	ND
TPPH	ND
VOCs	ND
METALS	<STD

CLASS	RESULT
TEPH	ND
TPPH	ND
VOCs	ND
Metals	<STD

ERM-MW-16

CLASS	RESULT	CHEM	CONC	STD
Metals	<STD	Ni	–	100

RECENT 90-DAY HAZARDOUS WASTE ACCUMULATION AREA
AOC 8

ERM-MW-6

CLASS	RESULT	CHEM	CONC	STD
TEPH	<STD	–	–	–
TPPH	ND	–	–	–
VOCs	<STD	–	–	–
Metals	>STD	Pb	0.021	0.015

ERM-B-4

CLASS	RESULT
TEPH	<STD
TPPH	<STD
VOCs	<STD
Metals	<STD

CLASS	RESULT	CHEM	CONC	STD
TEPH	>STD	–	840	640
TPPH	ND	–	–	–
VOCs	ND	–	–	–
Metals	>STD	Ni	160	100

CLASS	RESULT	COMP	CONC	STD
TEPH	*>STD*	*JF*	*1800*	*500*
TPPH	*>STD*	*GAS*	*1000*	*400*
VOCs	ND	–	–	–
Metals	<STD	–	–	–

W-B-7

CLASS	RESULT
TEPH	<STD
TPPH	ND
VOCs	<STD
Metals	<STD

AIRCRAFT WASH RACK
AOC 2

CLASS	RESULT
TEPH	*<STD*
TPPH	*<STD*
VOCs	*<STD*
Metals	<STD

W-B-8

CLASS	RESULT	CHEM	CONC	STD
TEPH	*>STD*	*MO*	*1,100*	*640*
TPPH	ND	–	–	–
VOCs	ND	–	–	–
Metals	>STD	Pb	1900	15

FUEL BOWSER STORAGE AREA

FORMER 12,000 GAL. JET-A USTs (2) (NOT AOC)

CLASS	RESULT	CHEM	CONC	STD
TEPH	<STD	–	–	–
TPPH	ND	–	–	–
VOCs	<STD	–	–	–
Metals	>STD	Pb	0.033	0.015

ERM-MW-7

W-B-16

CLASS	RESULT
TEPH	ND
TPPH	ND
VOCs	ND
Metals	<STD
CLASS	RESULT
TEPH	<STD
TPPH	ND
VOCs	<STD
Metals	<STD

AOC 7

ERM-B-3

CLASS	RESULT	CLASS	RESULT	CHEM	CONC	STD
TEPH	ND	TEPH	<STD	–	–	–
TPPH	ND	TPPH	ND	–	–	–
VOCs	ND	VOCs	ND	–	–	–
METALS	<STD	Metals	>STD	Ni	120	100

ERM-MW-17

CLASS	RESULT
VOCs	<STD
As	ND

W-B-17

CLASS	RESULT	CLASS	RESULT	CHEM	CONC	STD
TEPH	ND	TEPH	<STD	–	–	–
TPPH	ND	TPPH	ND	–	–	–
VOCs	ND	VOCs	>STD	1,1-DCA	54	5
Metals	<STD	VOCs	>STD	1,1-DCE	59	6
		SVOCs	ND	–	–	–

ABBREVIATIONS:

CLASS	Chemical Class
CHEM	Chemical Constituent
CONC	Concentration
STD	Standard
ND	Not Detected
TEPH	Total Extractable Petroleum Hydrocarbon
TPPH	Total Purgeable Petroleum Hydrocarbon
BTEX	Benzene, Toluene, Ethene, Xylenes
VOCs	Volatile Organic Carbons
SVOC	Semi Volatile Organic Carbon
DCM	Dichloromethane
Ni	Nickel
Pb	Lead
As	Arsenic
Cd	Cadmium
JF	Jet Fuel
GAS	Gasoline

Notes:
Standards included USEPA Region IX PRG for Industrial Soil, RWQCB ESL for Commercial Soil and Ground Water, and USEPA MCLs for Ground Water.
Highlighted data indicates concentration greater then Standard.
Normal Text=ERM data.
Italic Text=Weiss data.
Soil data table (brown) on top or left.
Soil Concentration results are in mg/kg.
Grounw water data table (blue) on bottom or right.
Ground water concentration results are in µg/L.

⊗ Storm Water Drain Catch Basin
Storm Water Sewer Line
Trench Drain
● Sample Location

N
0 40
FEET

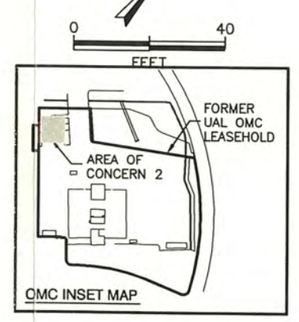
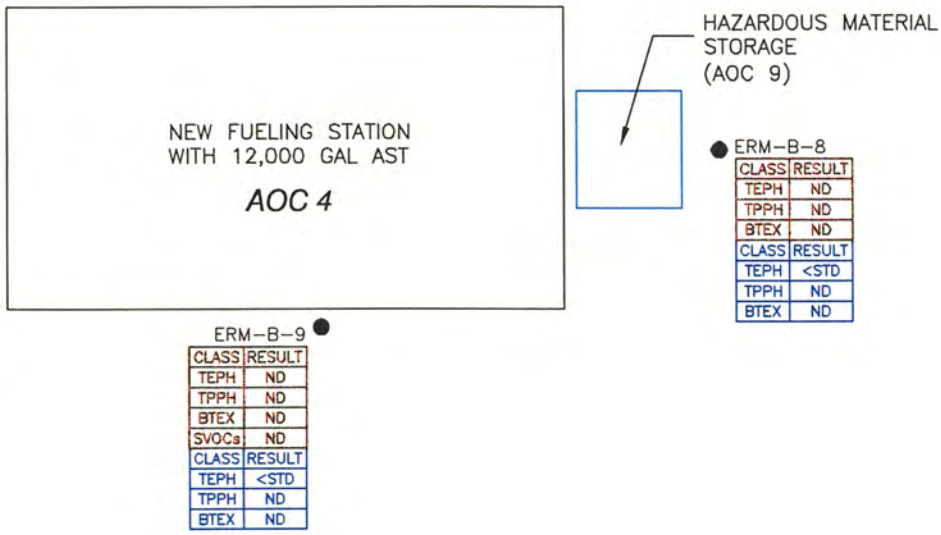


Figure 13
Areas of Concern 2, 3, 6, 7, 8, and 16
Soil and Ground Water Results
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM 01/19/04

CAD File: g:\5310\10\53101007 AOC4.dwg
Drawn By: J. Estrada
Date: 07/08/03
Project No. 5310.10



CLASS	RESULT
TEPH	ND
TPPH	ND
BTEX	ND
CLASS	RESULT
TEPH	<STD
TPPH	ND
BTEX	ND

CLASS	RESULT
TEPH	ND
TPPH	ND
BTEX	ND
SVOCs	ND
CLASS	RESULT
TEPH	<STD
TPPH	ND
BTEX	ND

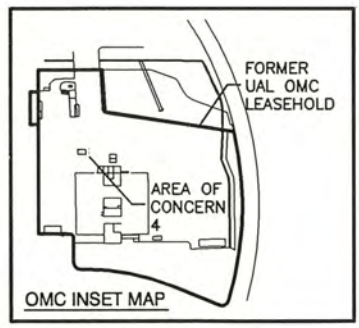
ABBREVIATIONS:

CLASS	Chemical Class
STD	Standard
ND	Not Detected
TEPH	Total Extractable Petroleum Hydrocarbon
TPPH	Total Purgeable Petroleum Hydrocarbon
BTEX	Benzene, Toluene, Ethene, Xylenes

Notes:
Standards included USEPA Region IX PRG for Industrial Soil, RWQCB ESL for Commercial Soil and Ground Water, and USEPA MCLs for Ground Water.
Soil data table (brown) on top.
Soil concentration results are in mg/kg.
Ground water data table (blue) on bottom.
Ground water concentration results are in µg/L.

● Sample Location

AOC 4 Area of Concern



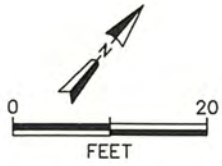


Figure 14
Area of Concern 4
Soil and Ground Water Results
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM 07/03

Project No. 5310.10
Date: 01/19/04
Drawn By: J. Estrada
CAD File: g:\5310\10\53101042 AOC7_18.dwg

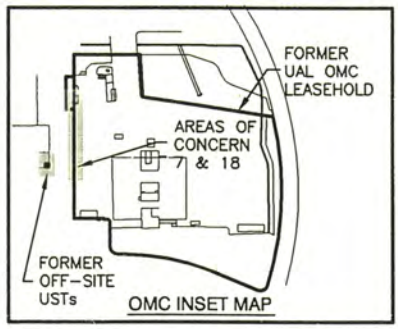
ABBREVIATIONS:

CLASS	Chemical Class
CHEM	Chemical Constituent
CONC	Concentration
STD	Standard
ND	Not Detected
EB	Ethylbenzene
VOCs	Volatile Organic Compounds
SVOCs	Semi Volatile Organic Compounds
1,2-DCE	1,2-Dichloroethene
c-1,2-DCA	cis-1,2-Dichloroethane
c-1,2-DCE	cis-1,2-Dichloroethene
TCE	Trichloroethene
TEPH	Total Extractable Petroleum Hydrocarbon
TPPH	Total Purgeable Petroleum Hydrocarbon
As	Arsenic

Notes:
Standards include USEPA Region IX PRG for Industrial Soil, RWQCB DSL for Commercial Soil and Ground Water, and USEPA MCLs for Ground Water.
Highlighted data indicates concentration greater than Standard.
Normal Text=ERM data.
Italic Text=Weiss data.
Soil data table (brown) on top or left.
Soil concentration results are in mg/kg.
Ground water data table (blue) on bottom or right.
Ground water concentration results are in µg/L.

● Sample Location
⊕ Monitoring Well
AOC 18 Area of Concern

* = Most recent ground water result from monitoring well (1/01). Off-site data from "Site Closure Report, UST Sites MF25 and MF26, Economy Parking Co., Oakland International Airport".



FORMER 90-DAY HAZARDOUS WASTE ACCUMULATION AREA AND DEBRIS COMPACTOR
AOC 7

W-B-16

CLASS	RESULT
TEPH	ND
TPPH	ND
VOCs	ND
Metals	<STD
CLASS	RESULT
TEPH	<STD
TPPH	ND
VOCs	<STD
Metals	<STD

W-B-17

CLASS	RESULT
TEPH	ND
TPPH	ND
VOCs	ND
Metals	<STD

ERM-MW-17

CLASS	RESULT
VOCs	<STD
As	ND

CLASS	RESULT	CHEM	CONC	STD
TEPH	<STD	–	–	–
TPPH	ND	–	–	–
VOCs	>STD	1,1-DCA	54	5
VOCs	>STD	1,1-DCE	59	6
SVOCs	ND	–	–	–
Metals	*<STD*	–	–	–

W-B-9

CLASS	RESULT	CLASS	RESULT
TEPH	*ND*	*TEPH*	*ND*
TPPH	*ND*	*TPPH*	*ND*
VOCs	ND	VOCs	<STD
Metals	*<STD*	*Metals*	*<STD*

W-B-18

CLASS	RESULT	CLASS	RESULT
TEPH	*ND*	*TEPH*	*ND*
TPPH	*ND*	*TPPH*	*ND*
VOCs	ND	*VOCs*	*ND*
Metals	*<STD*	*Metals*	*<STD*

FORMER OFF-SITE WASTE OIL AND SOLVENT USTs
AOC 18

CLASS	RESULT
TEPH	*ND*
TPPH	*ND*
VOCs	ND
Metals	*<STD*

W-B-19

CLASS	RESULT	COMP	CONC	STD
TEPH	*ND*	–	–	–
TPPH	*ND*	–	–	–
Metals	*ND*	–	–	–
VOCs	>STD	c-1,2-DCE	6.4	6
VOCs	>STD	TCE	56	5

W-B-20

CLASS	RESULT	CLASS	RESULT
TEPH	*ND*	*TEPH*	*ND*
TPPH	*ND*	*TPPH*	*ND*
VOCs	*ND*	*VOCs*	*ND*
Metals	*<STD*	*Metals*	*<STD*

INITIAL TANK EXCAVATION SOIL RESULTS

CLASS	RESULT	CHEM	CONC	STD
TEPH	>STD	–	1,000	500
TPPH	>STD	–	11,000	400
VOCs	>STD	Benzene	190	1.3
VOCs	>STD	EB	150	20
VOCs	>STD	Toluene	580	520
VOCs	>STD	Xylenes	700	420
VOCs	>STD	1,2-DCA	30	6
VOCs	>STD	TCE	100	0.11
Metals	<STD	–	–	–

MW-3*

CLASS	RESULT	CHEM	CONC	STD
TEPH	>STD	–	7200	640
TPPH	>STD	–	2400	500
VOCs	>STD	Benzene	2.3	1

MW-8*

CLASS	RESULT	CHEM	CONC	STD
TEPH	<STD	–	–	–
TPPH	ND	–	–	–
VOCs	>STD	Benzene	1.4	1
VOCs	>STD	1,1-DCA	250	5
VOCs	>STD	1,1-DCE	290	6

MW-5*

CLASS	RESULT
TEPH	<STD
TPPH	<STD
VOCs	ND

MW-4*

CLASS	RESULT	CHEM	CONC	STD
TEPH	>STD	–	3,300	640
TPPH	>STD	–	560	500
VOCs	>STD	Benzene	15	1
VOCs	>STD	1,1-DCA	42	5
VOCs	>STD	1,2-DCE	25	6

MW-6*

CLASS	RESULT
TEPH	ND
TPPH	ND
VOCs	ND

MW-7*

CLASS	RESULT	CHEM	CONC	STD
TEPH	ND	–	–	–
TPPH	ND	–	–	–
VOCs	>STD	1,1-DCA	18	5
VOCs	>STD	1,1-DCE	7.5	6

MW-2*

CLASS	RESULT	CHEM	CONC	STD
TEPH	>STD	–	21,000	640
TPPH	>STD	–	2700	500
VOCs	>STD	Benzene	45	1
VOCs	>STD	1,1-DCA	43	5
VOCs	>STD	1,2-DCE	80	6

MW-1*

CLASS	RESULT	CHEM	CONC	STD
TEPH	<STD	–	–	–
TPPH	<STD	–	–	–
VOCs	>STD	Benzene	3	1
VOCs	>STD	1,1-DCA	32	5
VOCs	>STD	1,2-DCE	11	6

FORMER OFF-SITE WASTE OIL AND SOLVENT USTs

APPROXIMATE EXTENT OF EXCAVATION

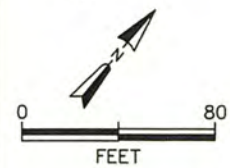
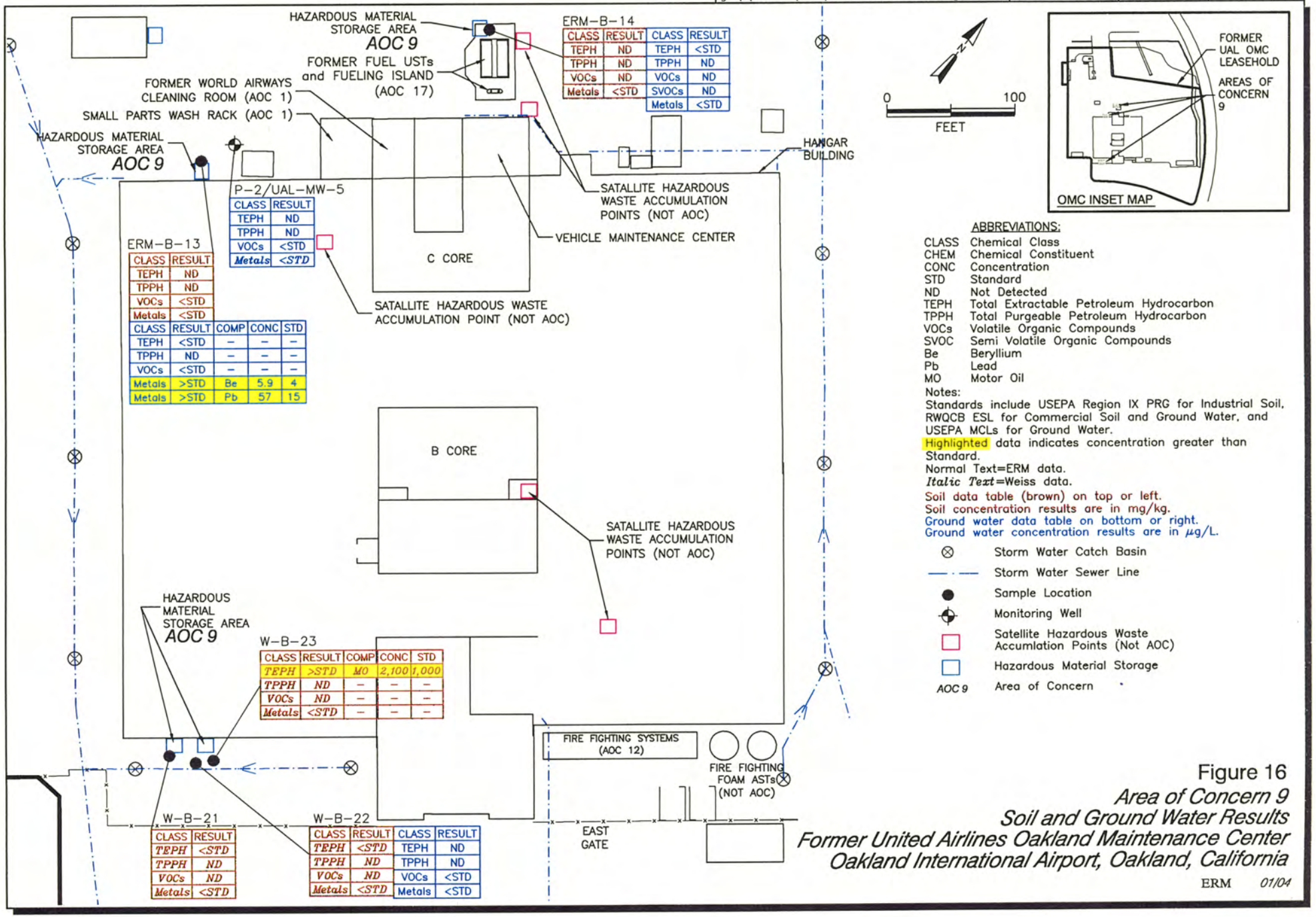


Figure 15

Areas of Concern 7 and 18, and Former Off-Site Waste Oil and Solvent USTs Soil and Ground Water Results
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM 01/04

CAD File:	Drawn By:	Date:	Project No.
g:\\5310\10\531011 AOC9.dwg	J. Estrada	01/20/04	5310.10



ERM-B-14

CLASS	RESULT	CLASS	RESULT
TEPH	ND	TEPH	<STD
TPPH	ND	TPPH	ND
VOCs	ND	VOCs	ND
Metals	<STD	SVOCs	ND
		Metals	<STD

P-2/UAL-MW-5

CLASS	RESULT
TEPH	ND
TPPH	ND
VOCs	<STD
Metals	*<STD*

ERM-B-13

CLASS	RESULT
TEPH	ND
TPPH	ND
VOCs	<STD
Metals	<STD

CLASS	RESULT	COMP	CONC	STD
TEPH	<STD	–	–	–
TPPH	ND	–	–	–
VOCs	<STD	–	–	–
Metals	>STD	Be	5.9	4
Metals	>STD	Pb	57	15

W-B-23

CLASS	RESULT	COMP	CONC	STD
TEPH	*>STD*	*MO*	*2,100*	*1,000*
TPPH	*ND*	–	–	–
VOCs	*ND*	–	–	–
Metals	*<STD*	–	–	–

W-B-21

CLASS	RESULT
TEPH	*<STD*
TPPH	*ND*
VOCs	*ND*
Metals	*<STD*

W-B-22

CLASS	RESULT	CLASS	RESULT
TEPH	*<STD*	TEPH	ND
TPPH	*ND*	TPPH	ND
VOCs	*ND*	VOCs	<STD
Metals	*<STD*	Metals	<STD

ABBREVIATIONS:

CLASS	Chemical Class
CHEM	Chemical Constituent
CONC	Concentration
STD	Standard
ND	Not Detected
TEPH	Total Extractable Petroleum Hydrocarbon
TPPH	Total Purgeable Petroleum Hydrocarbon
VOCs	Volatile Organic Compounds
SVOC	Semi Volatile Organic Compounds
Be	Beryllium
Pb	Lead
MO	Motor Oil

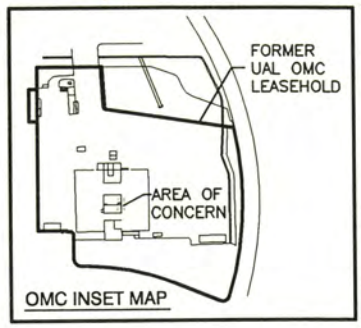
Notes:
Standards include USEPA Region IX PRG for Industrial Soil, RWQCB ESL for Commercial Soil and Ground Water, and USEPA MCLs for Ground Water.
Highlighted data indicates concentration greater than Standard.
Normal Text=ERM data.
Italic Text=Weiss data.
Soil data table (brown) on top or left.
Soil concentration results are in mg/kg.
Ground water data table on bottom or right.
Ground water concentration results are in µg/L.

- Storm Water Catch Basin
- Storm Water Sewer Line
- Sample Location
- Monitoring Well
- Satellite Hazardous Waste Accumlation Points (Not AOC)
- Hazardous Material Storage
- *AOC 9* Area of Concern

Figure 16
Area of Concern 9
Soil and Ground Water Results
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM 01/04

Project No. 5310.10
Date: 01/20/04
Drawn By: J. Estrada
CAD File: g:\\5310\10\531012 AOC10.dwg



B CORE

CHEMICAL STORAGE
ROOM
AOC 10

ERM-B-15

CLASS	RESULT
TEPH	ND
TPPH	ND
VOCs	ND
Metals	<STD

HAZARDOUS WASTE
ACCUMULATION POINT
(NOT AOC)

HANGAR

N

0 20
FEET

ABBREVIATIONS:

CLASS Chemical Class
STD Standard
ND Not Detected
TEPH Total Extractable Petroleum Hydrocarbon
TPPH Total Purgeable Petroleum Hydrocarbon
VOCs Volatile Organic Compounds

Notes:
Standards include USEPA Region IX PRG for Industrial Soil, RWQCB ESL for Commercial Soil and Ground Water, and USEPA MCLs for Ground Water.
Soil concentration results are in mg/kg.

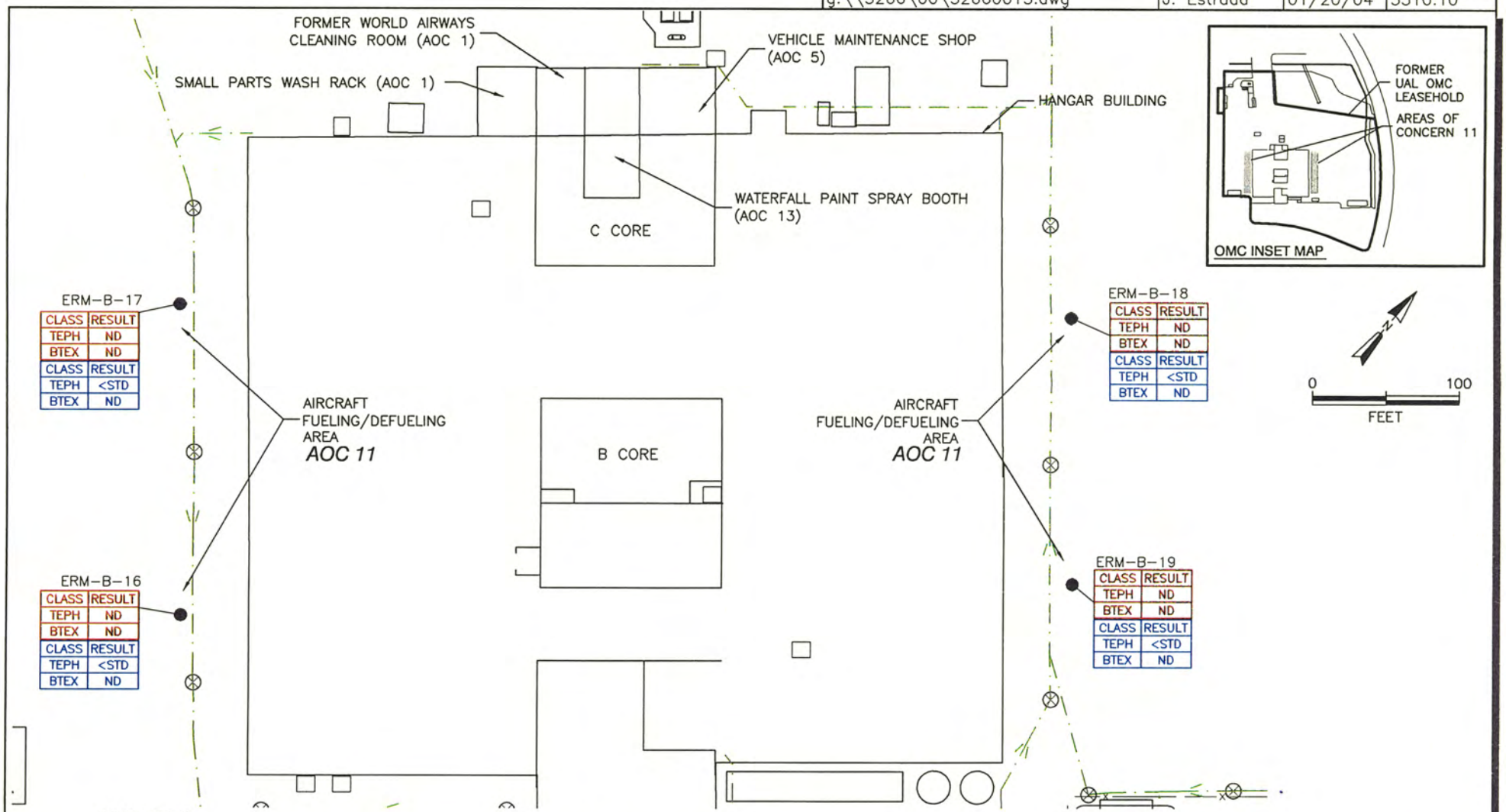
● Sample Location

AOC 10 Area of Concern

Figure 17
Area of Concern 10
Soil Results
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM 01/04

CAD File:	Drawn By:	Date:	Project No.
g:\\5266\00\52660013.dwg	J. Estrada	01/20/04	5310.10



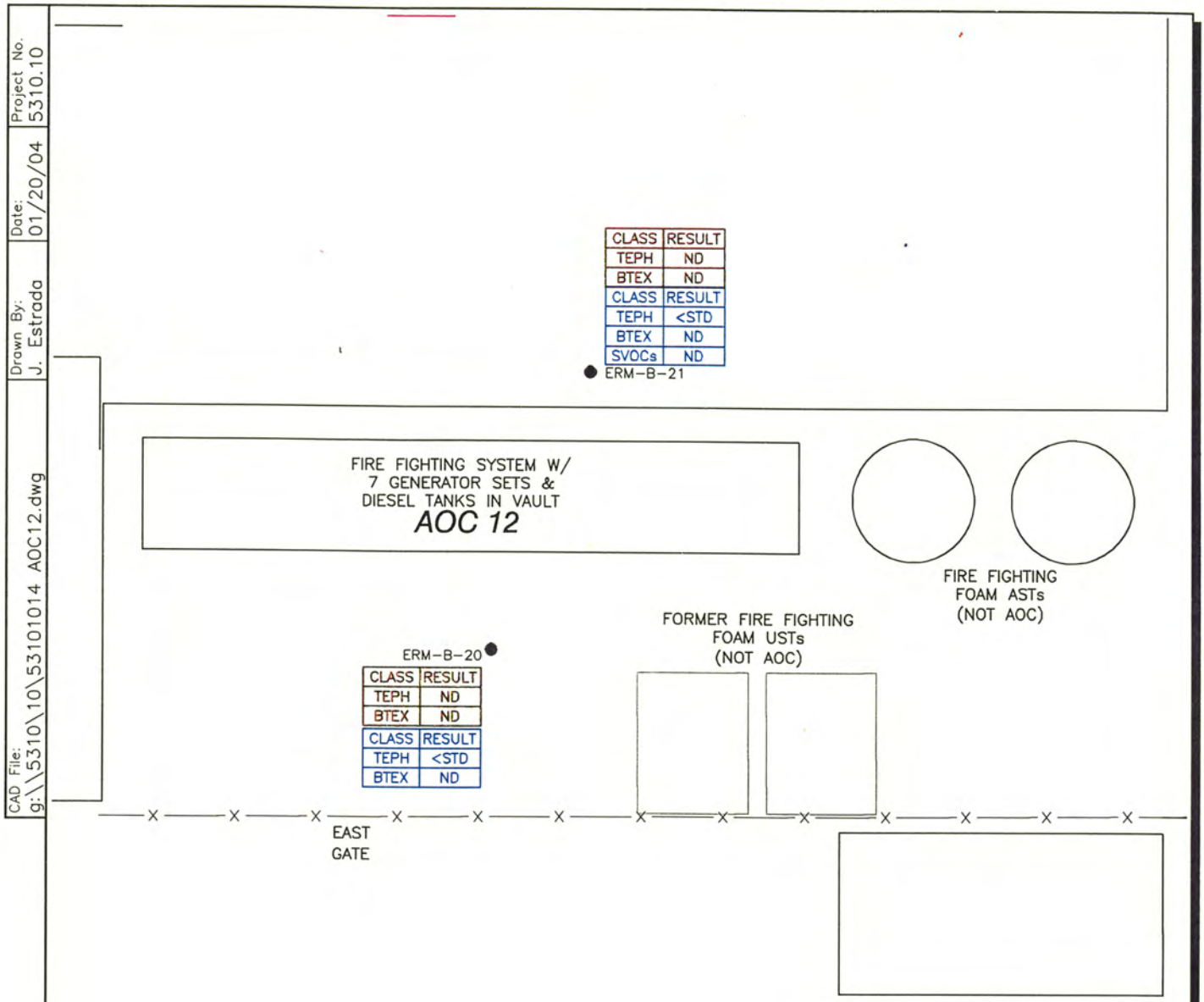
ABBREVIATIONS:

CLASS	Chemical Class
STD	Standard
ND	Not Detected
TEPH	Total Extractable Petroleum Hydrocarbon
BTEX	Benzene, Toluene, Ethene, Xylenes

Notes:
Standards include USEPA Region IX PRG for Industrial Soil, RWQCB ESL for Commercial Soil and Ground Water, and USEPA MCLs for Ground Water.
Soil data table (brown) on top.
Soil concentration results are in mg/kg.
Ground water data table (blue) on bottom.
Ground water concentration results are in µg/L.

⊗ Storm Water Drain Catch Basin
Storm Water Sewer Line
● Sample Location
AOC 11 Area of Concern

Figure 18
Area of Concern 11
Soil and Ground Water Results
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California
ERM 01/04



ABBREVIATIONS:

CLASS	Chemical Class
STD	Standard
ND	Not Detected
TEPH	Total Extractable Petroleum Hydrocarbon
SVOCs	Semi Volatile Organic Compounds
BTEX	Benzene, Toluene, Ethene, Xylenes

Notes:

Standards include USEPA Region IX PRG for Industrial Soil, RWQCB ESL for Commercial Soil and Ground Water, and USEPA MCLs for Ground Water.

Soil data table (brown) on top.

Soil concentration results are in mg/kg.

Ground water data table (blue) on bottom.

Groun water concentration results are in µg/L.

● Sample Location

AOC 12 Area of Concern

Figure 19

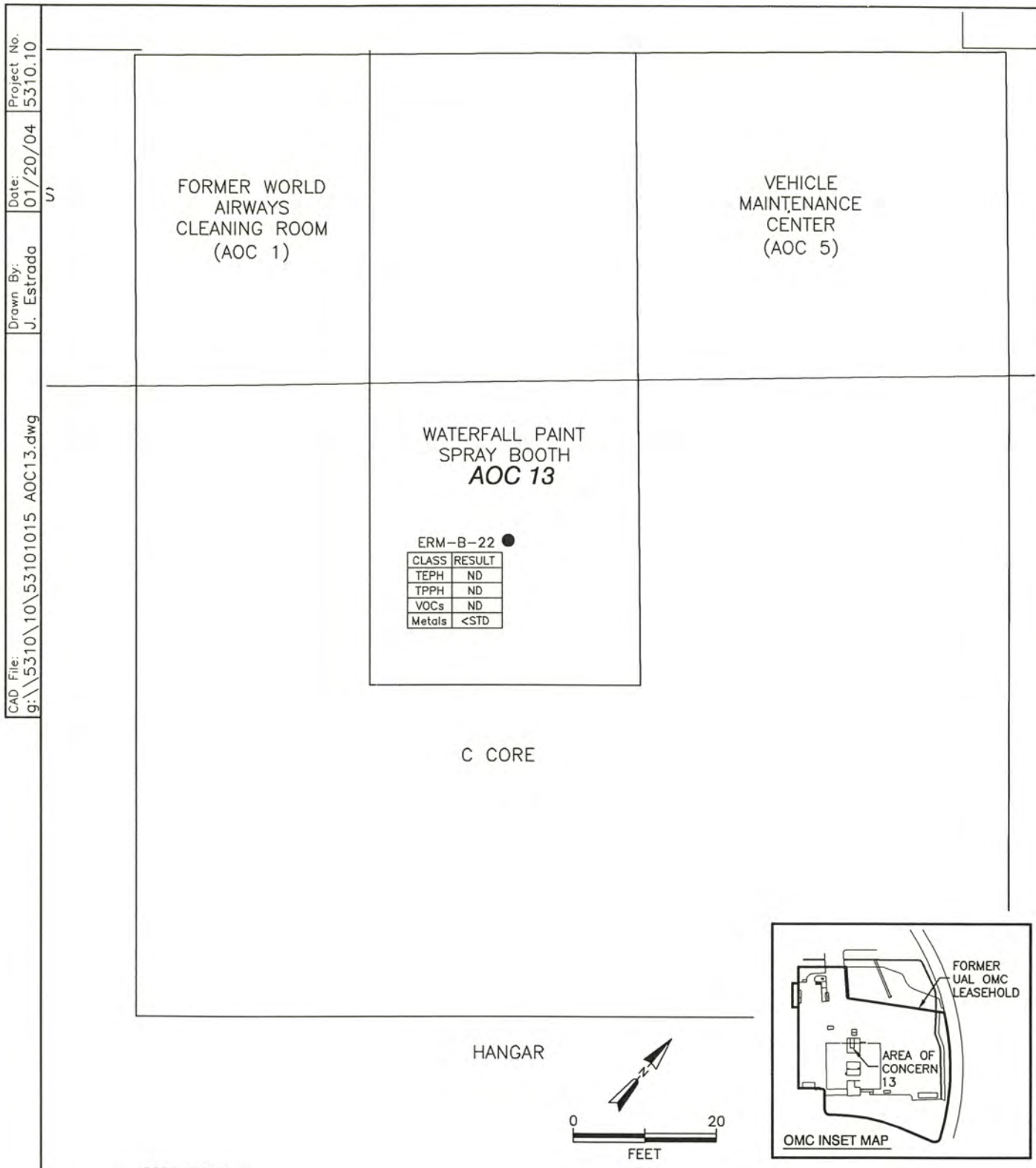
Area of Concern 12

Soil and Ground Water Results

Former United Airlines Oakland Maintenance Center

Oakland International Airport, Oakland, California

ERM 01/04



ABBREVIATIONS:

CLASS Chemical Class
STD Standard
ND Not Detected
TEPH Total Extractable Petroleum Hydrocarbon
TPPH Total Purgeable Petroleum Hydrocarbon
VOCs Volatile Organic Compounds

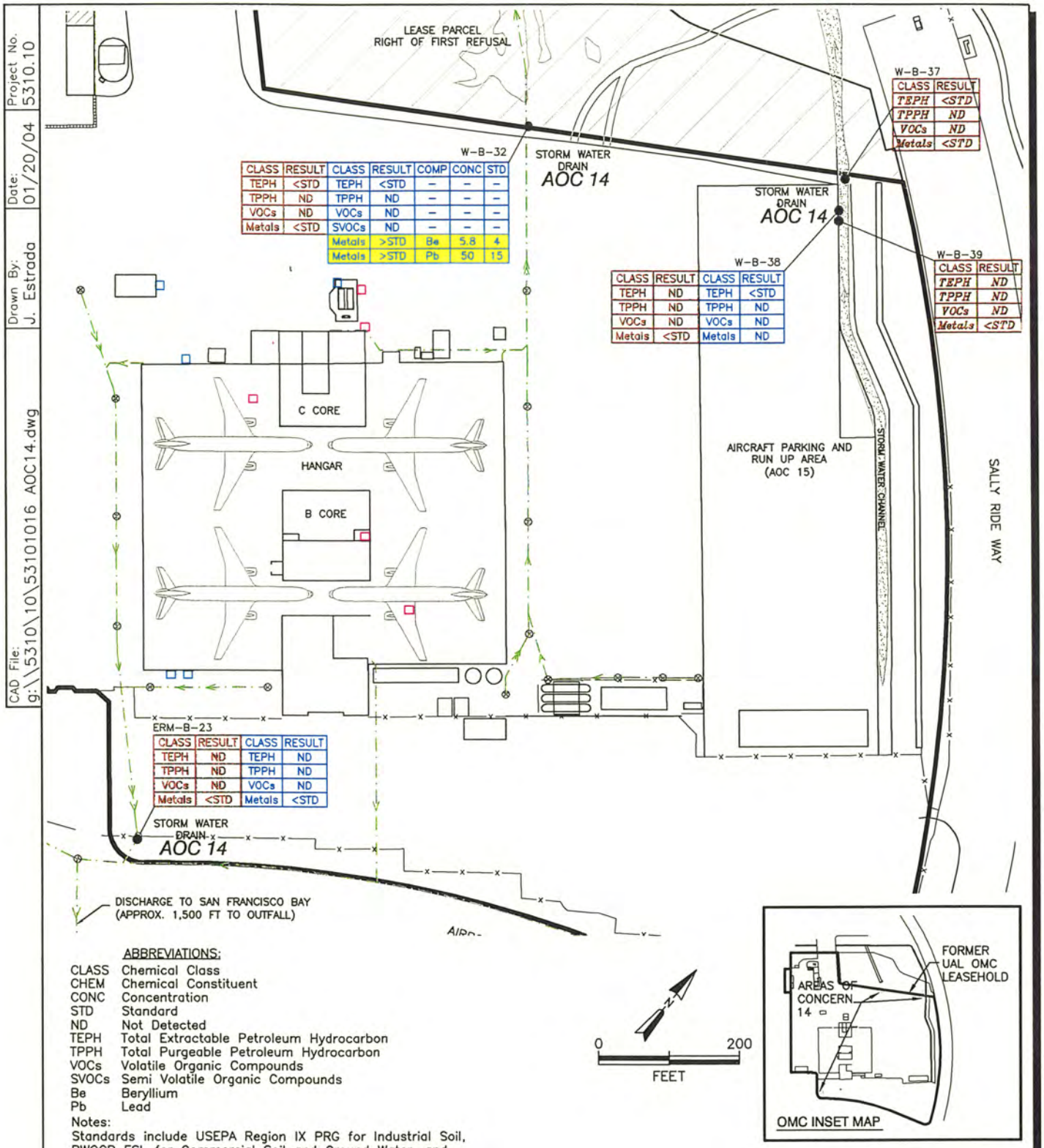
Notes:
Standards include USEPA Region IX PRG for Industrial Soil, RWQCB ESL for Commercial Soil and Ground Water, and USEPA MCLs for Ground Water.
Soil concentration results are in mg/kg.

● Sample Location

AOC 13 Area of Concern

Figure 20
Area of Concern 13
Soil Results
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM *01/04*



ABBREVIATIONS:

CLASS	Chemical Class
CHEM	Chemical Constituent
CONC	Concentration
STD	Standard
ND	Not Detected
TEPH	Total Extractable Petroleum Hydrocarbon
TPPH	Total Purgeable Petroleum Hydrocarbon
VOCs	Volatile Organic Compounds
SVOCs	Semi Volatile Organic Compounds
Be	Beryllium
Pb	Lead

Notes:
Standards include USEPA Region IX PRG for Industrial Soil, RWQCB ESL for Commercial Soil and Ground Water, and USEPA MCLs for Ground Water.
Highlighted data indicates concentration greater than Standard.
Normal Text=ERM data.
Italic Text=Weiss data
Soil data table (brown) on left.
Soil concentration results are in mg/kg.
Ground water data table (blue) on right.
Ground water concentration results are in µg/L.

⊗ Storm Water Drain Catch Basin
Storm Water Sewer Line
Sample Location
● Area of Concern
AOC 14

Figure 21
Area of Concern 14
Soil and Ground Water Results
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California
ERM 01/04

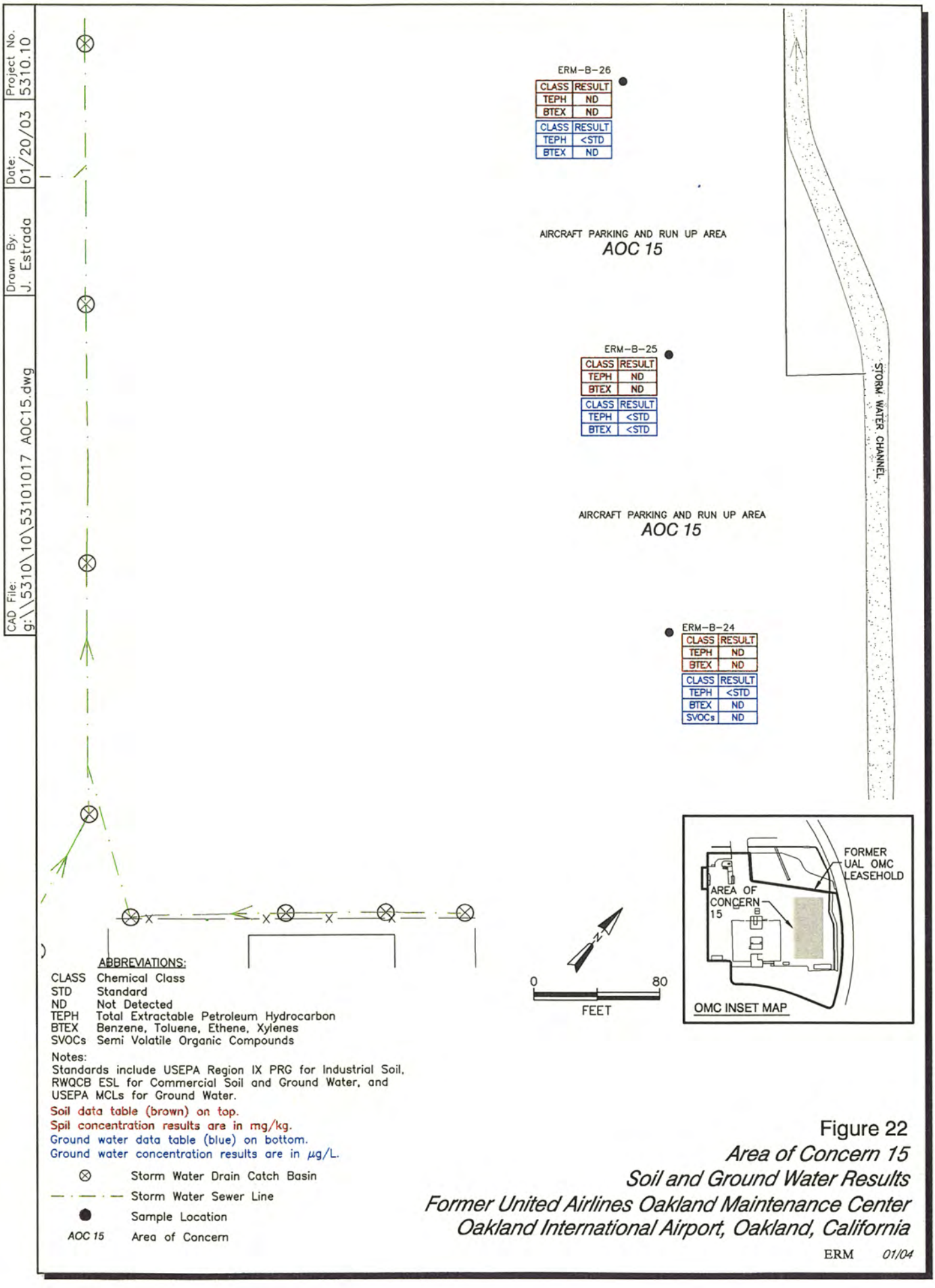


Figure 22

Area of Concern 15

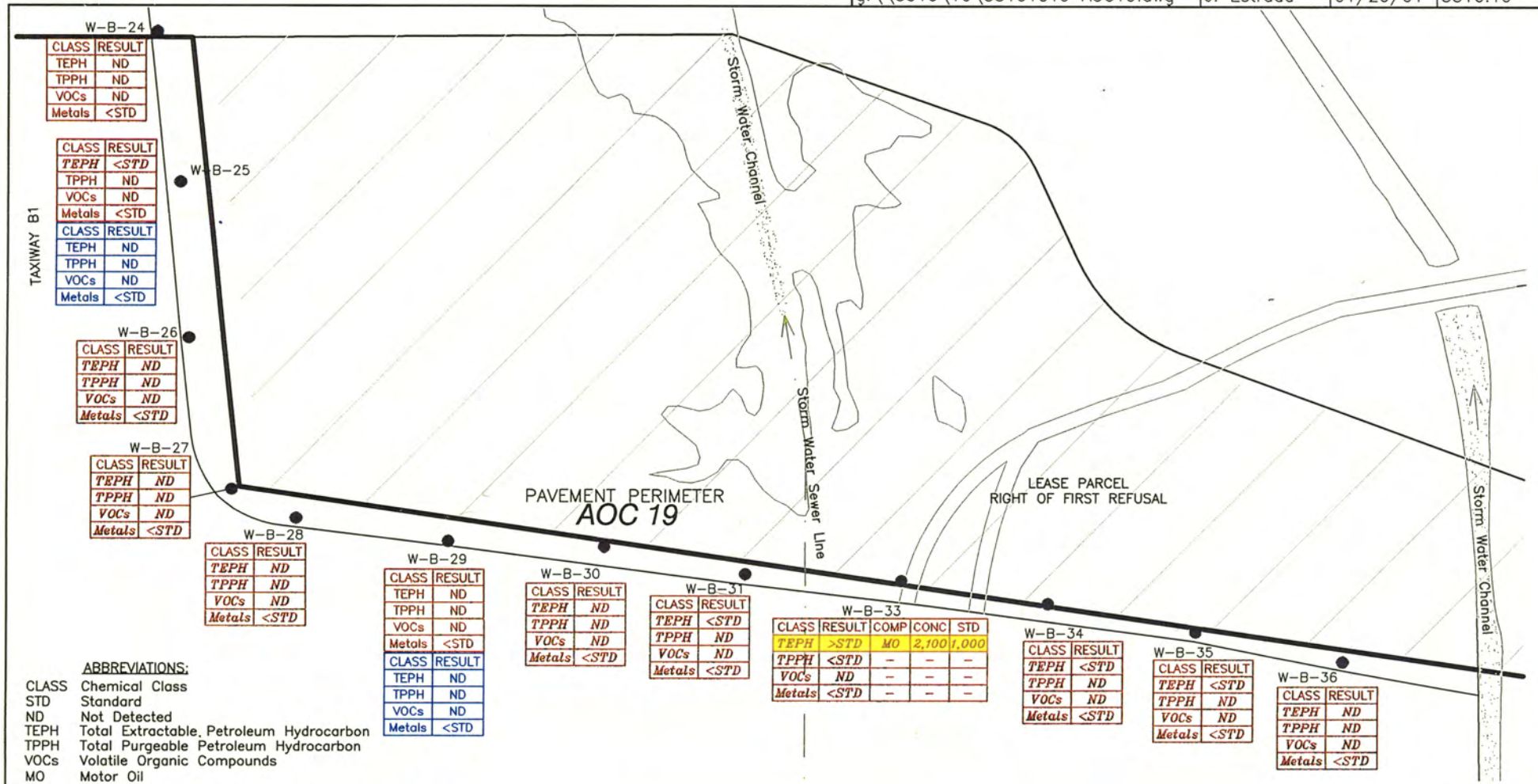
Soil and Ground Water Results

Former United Airlines Oakland Maintenance Center

Oakland International Airport, Oakland, California

ERM 01/04

CAD File:	Drawn By:	Date:	Project No.
g:\\5310\10\53101019 AOC19.dwg	J. Estrada	01/20/01	5310.10



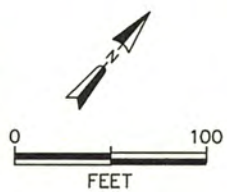
ABBREVIATIONS:

CLASS	Chemical Class
STD	Standard
ND	Not Detected
TEPH	Total Extractable Petroleum Hydrocarbon
TPPH	Total Purgeable Petroleum Hydrocarbon
VOCs	Volatile Organic Compounds
MO	Motor Oil

Notes:
Standards include USEPA Region IX PRG for Industrial Soil, RWQCB ESL for Commercial Soil and Ground Water, and USEPA MCLs for Ground Water.
Highlighted data indicates concentration greater than Standard.
Normal Text=ERM data.
Italic Text=Weiss data.
Soil data table (brown) on top.
Soil concentration results are in mg/kg.
Ground water data table (blue) on bottom.
Ground water concentration results are in µg/L.

● Sample Location

AOC 19 Area of Concern



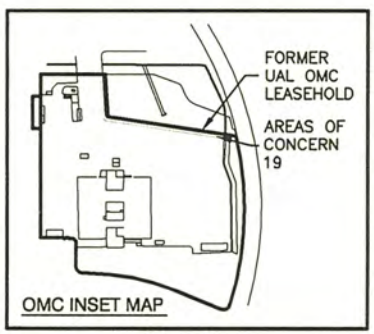


Figure 23

Area of Concern 19
Soil and Ground Water Results
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM *01/04*

CAD File:	Drawn By:	Date:	Project No.
g:\\5310\10\531046.dwg	J. Estrada	01/21/04	5310.10

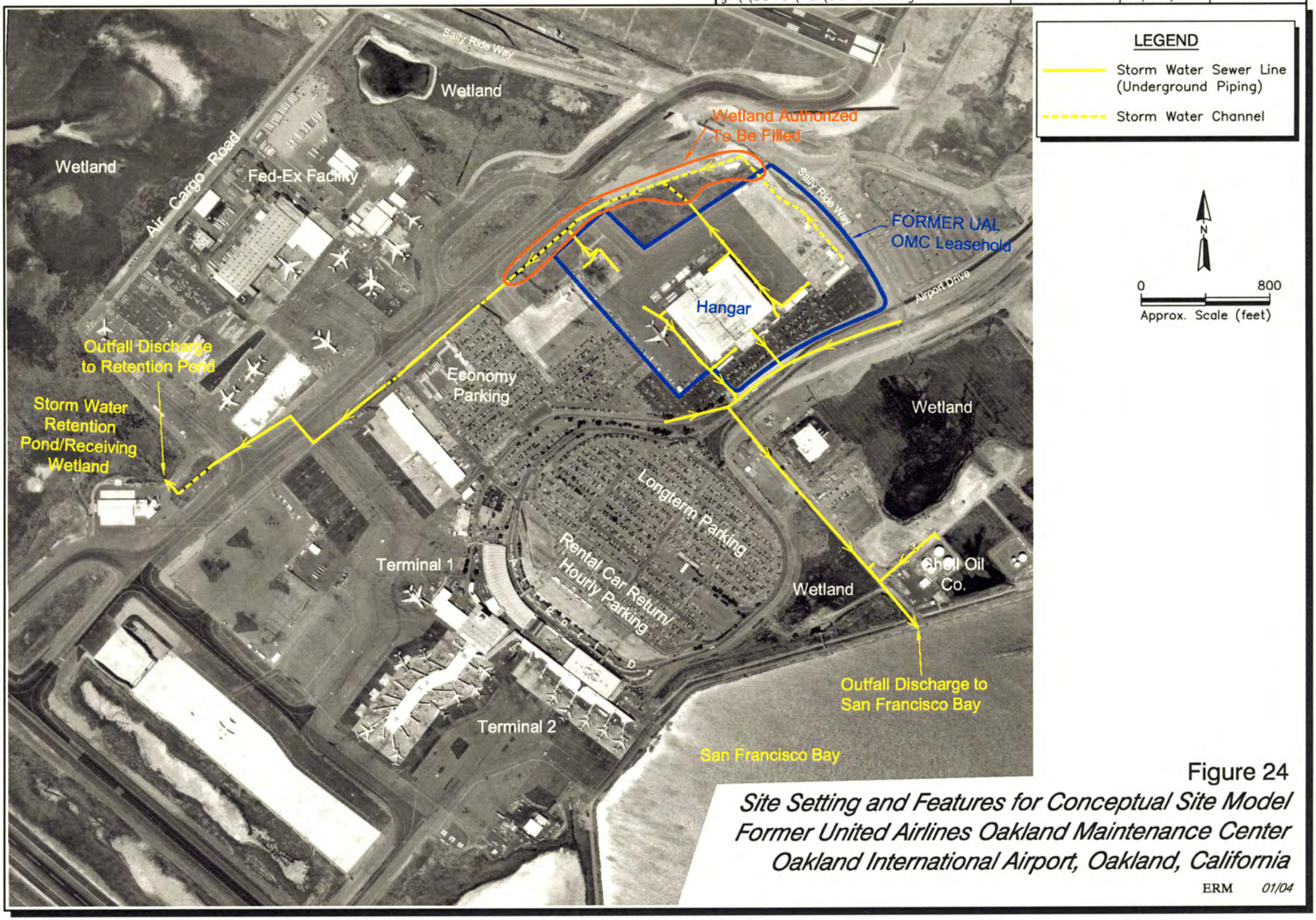
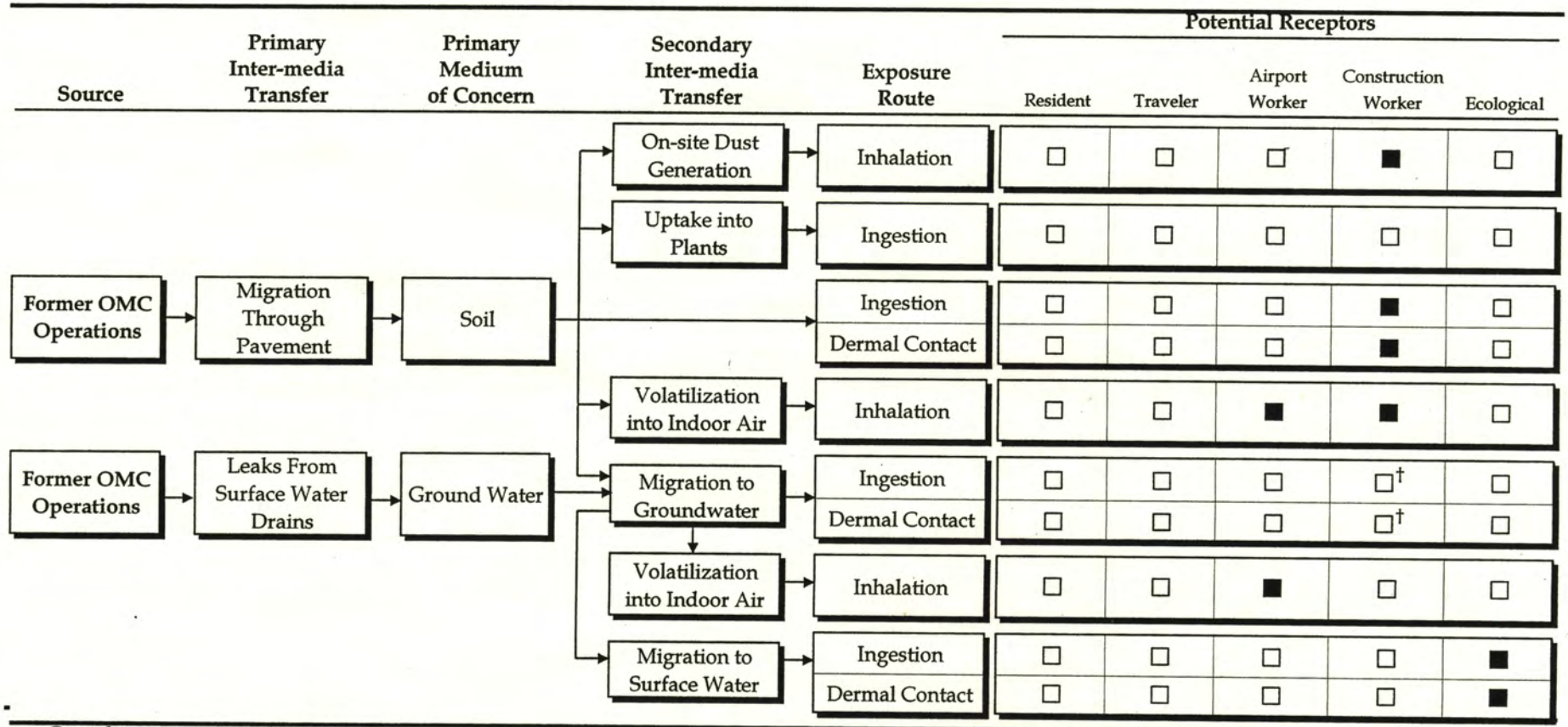


Figure 24

Site Setting and Features for Conceptual Site Model
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM 01/04

FIGURE 25
Summary of Potential Chemical Exposure Pathways and Receptor Populations
Former UAL Oakland Maintenance Center
Oakland, California



■ - Complete exposure pathway.
□ - Incomplete or insignificant exposure pathway (see text for explanation).
† - Although a potentially complete exposure pathway, routine or prolonged contact with contaminated ground water is unlikely due to the typical practice of pumping out any collected water prior to construction activity in an excavation.

Project No. 5310.10
Date: 01/22/03
Drawn By: J. Estrada
CAD File: g:\5310\10\53101036.dwg

Storm Water Channel
Discharge to Wetland/Storm Water
Retention Pond
(Approx. 1,500 Ft To Outfall)

LEGEND

- ERM–B–10 ● ERM Boring
- W–B–2 ● WEISS Boring
- ● No Arsenic Soil Data At This Location
- (15) Area of Concern (AOC) For Investigation
- Satellite Hazardous Waste Accumulation Points (Not Aoc)
- Hazardous Material Storage Area (9)
- ⊗ Storm Water Drain Catch Basin (14)
- Storm Water Sewer Line (14)
- Trench Drain (14)
- Storm Water Channel (14)
- Depth of sample (ft bgs)
- Arsenic concentration in milligrams per kilogram (mg/kg)

Depth	Conc.
3	<2.5

*=Detections from samples collected by ERM not considered reliable due to probable interference with iron and aluminum during analysis.

- Exceeds Tier–1 Standards
- Exceeds Tier–2 Standards

W–B–12	
Depth	Conc.
0	<2.5
0.5	*
3	12
6	<2.5

W–B–14	
Depth	Conc.
0	<2.5
3	<2.5
8	<2.5

W–B–13	
Depth	Conc.
0	2.8
3	<2.5
8	<2.5

W–B–15	
Depth	Conc.
0	<2.5
8	<2.5

W–B–24	
Depth	Conc.
0	<2.5
3	<2.5
8	<2.5

W–B–11	
Depth	Conc.
0	<2.5
1–2	*
3	<2.5
8	<2.5

W–B–25	
Depth	Conc.
0	<2.5
1–2	*
3	3.3
8	<2.5

W–B–10	
Depth	Conc.
0	<2.5
3	25
3–4	*
6	<2.5

W–B–26	
Depth	Conc.
0	<2.5
3	<2.5
12	2.9

W–B–27	
Depth	Conc.
0	<2.5
3	<2.5
8	<2.5

ERM–B–5	
Depth	Conc.
2.5	*

ERM–B–6	
Depth	Conc.
2.5	*

ERM–B–12	
Depth	Conc.
2	*

W–B–16	
Depth	Conc.
0	<2.5
1–2	*
3	<2.5

W–B–8	
Depth	Conc.
0	11
1.5–2.5	*
3	12

W–B–17	
Depth	Conc.
0	<2.5
1–2	*
3	<2.5

ERM–B–4	
Depth	Conc.
2.5	*

ERM–B–3	
Depth	Conc.
2.5	*

W–B–7	
Depth	Conc.
0	<2.5
1–2	*
3	3

W–B–28	
Depth	Conc.
0	3.2
3	3.8
8	<2.5

W–B–29	
Depth	Conc.
0	3.1
1–2	*
3	<2.5
8	2.9

W–B–30	
Depth	Conc.
0	3.7
3	<2.5
8	2.8

W–B–31	
Depth	Conc.
0	2.8
3	9.4
3.5	6.0

W–B–33	
Depth	Conc.
0	3.9
2.5	4.3
3	2.9
8	3.8

W–B–32	
Depth	Conc.
0	3.1
1–2	*
3	<2.5
8	4.1

W–B–34	
Depth	Conc.
0	32
3	6.1

W–B–35	
Depth	Conc.
0	5.9
3	2.5

W–B–36	
Depth	Conc.
0	<2.5
3	<2.5

W–B–37	
Depth	Conc.
0	<2.5
3.5	<2.5

W–B–39	
Depth	Conc.
0	<2.5
3	<2.5
8	<2.5

W–B–38	
Depth	Conc.
0	<2.5
2–3	*
3	<2.5
8	<2.5

W–B–4	
Depth	Conc.
0	3.8
3	3
3–4	*

W–B–6	
Depth	Conc.
0	4.2
3	2.8
3–4	*

Depth	Conc.
4.5	*

ERM–B–14

W–B–3	
Depth	Conc.
0	2.8
3	<2.5
3–4	*

W–B–9	
Depth	Conc.
4	<2.5

W–B–18	
Depth	Conc.
Depth	Conc.
7.5	<2.5

W–B–1	
Depth	Conc.
0	2.6
3	<2.5

Depth	Conc.
3.5	*

ERM–B–13

W–B–5	
Depth	Conc.
0	4.6
3	2.7
3–4	*

W–B–2	
Depth	Conc.
0	2.6
3	<2.5
3.5–4.5	*

ERM–B–2	
Depth	Conc.
3.5	*

ERM–B–22	
Depth	Conc.
1.5	*

ERM–B–11	
Depth	Conc.
2.5	*

ERM–B–10	
Depth	Conc.
2.5	*

ERM–B–1	
Depth	Conc.
3.5	*

ERM–B–15	
Depth	Conc.
1	*

W–B–19	
Depth	Conc.
4	<2.5

W–B–20	
Depth	Conc.
3	<2.5

W–B–21	
Depth	Conc.
0	<2.5
3	<2.5

W–B–22	
Depth	Conc.
0	2.6
2–3	*
3	<2.5

W–B–23	
Depth	Conc.
0	<2.5
3	2.6

ERM–B–23	
Depth	Conc.
4.5	*

ERM–B–17
ERM–B–16
ERM–B–18
ERM–B–19
ERM–B–20
ERM–B–21
ERM–B–24
ERM–B–25
ERM–B–26
ERM–B–27

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19)

STORM WATER CHANNEL
STORM WATER CHANNEL
EMPLOYEE PARKING
SALLY RIDE WAY
AIRPORT DRIVE

0 200
FEET

Discharge to
San Francisco Bay
(Approx. 1,500 Ft To Outfall)

Figure 26
Concentrations of Arsenic in Soil
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California
ERM 01/04

Project No. 5310.10
Date: 01/22/03
Drawn By: J. Estrada
CAD File: g:\5310\10\53101038.dwg

Storm Water Channel
Discharge to Wetland/Storm Water Retention Pond
(Approx. 1,500 Ft To Outfall)

LEGEND

- ERM–B–10 ● ERM Boring
- W–B–2 ● WEISS Boring
- No Cadmium Soil Data At This Location
- (15) Area of Concern (AOC) For Investigation
- Satellite Hazardous Waste Accumulation Points (Not Aoc)
- Hazardous Material Storage Area (9)
- ⊗ Storm Water Drain Catch Basin (14)
- Storm Water Sewer Line (14)
- Trench Drain (14)
- Storm Water Channel (14)
- Depth of sample (ft bgs)
- Cadmium concentration in milligrams per kilogram (mg/kg)

Depth	Conc.
3	<2.5

- Exceeds Tier–1 Standards
- Exceeds Tier–2 Standards

W–B–12: 0 / 15; 0.5 / 44; 3 / 14; 6 / <0.5
W–B–14: 0 / <0.5; 3 / <0.5; 8 / <0.5
W–B–13: 0 / <0.5; 3 / <0.5; 8 / <0.5
W–B–15: 0 / <0.5; 8 / <0.5
W–B–24: 0 / <0.5; 3 / 0.55; 8 / <0.5
W–B–11: 0 / 0.5; 1–2 / <1.0; 3 / <0.5; 8 / <0.5
W–B–25: 0 / <0.5; 1–2 / <1.0; 3 / <0.5; 8 / <0.5
W–B–10: 0 / 0.64; 3 / 14; 3–4 / <1.0; 6 / <0.5
W–B–26: 0 / <0.5; 3 / <0.5; 12 / <0.5
W–B–27: 0 / <0.5; 3 / <0.5; 8 / <0.5
ERM–B–5: 2.5 / <1.0
ERM–B–6: 2.5 / <1.0
ERM–B–12: 2 / <1.0
W–B–16: 0 / <0.5; 1–2 / <1.0; 3 / <0.5
W–B–17: 0 / <0.5; 1–2 / <1.0; 3 / <0.5
ERM–B–4: 2.5 / <1.0
ERM–B–3: 2.5 / <1.0
W–B–7: 0 / 6.4; 1–2 / <1.0; 3 / <0.5
W–B–8: 0 / 3.5; 1.5–2.5 / <1.0; 3 / <0.5
W–B–28: 0 / 7.5; 3 / <0.5; 8 / <0.5
W–B–29: 0 / <0.5; 1–2 / <1.0; 3 / <0.5; 8 / <0.5
W–B–30: 0 / 1; 3 / <0.5; 8 / <0.5
W–B–31: 0 / 2.1; 3 / 1.3; 3.5 / 6.8
W–B–32: 0 / 3.3; 1–2 / 4.2; 3 / 0.5; 8 / 1.2
W–B–33: 0 / 6.4; 2.5 / 1.1; 3 / 0.82; 8 / 1.7
W–B–34: 0 / <0.5; 3 / 2
W–B–35: 0 / —; 1–2 / —; 3 / 0.75
W–B–36: 0 / <0.5; 3 / <0.5
W–B–37: 0 / 4.8; 3.5 / <0.5
W–B–39: 0 / <0.5; 2–3 / <1.0; 3 / <0.5; 8 / <0.5
W–B–38: 0 / <0.5; 3 / <0.5; 8 / <0.5
W–B–4: 0 / <0.5; 3 / <0.5; 3–4 / <1.0
W–B–6: 0 / 0.66; 3 / <0.5; 3–4 / <1.0
W–B–3: 0 / <0.5; 3 / <0.5; 3–4 / <1.0
ERM–B–14: 4.5 / <1.0
W–B–1: 0 / <0.5; 3 / <0.5
W–B–9: 4 / <0.5
W–B–18: 7.5 / <0.5
W–B–19: 4 / <0.5
W–B–20: 3 / <0.5
ERM–B–13: 3.5 / <1.0
W–B–5: 0 / 0.86; 3 / <0.5; 3–4 / <1.0
W–B–2: 0 / <0.5; 3 / <0.5; 3.5–4.5 / <1.0
ERM–B–2: 3.5 / <1.0
ERM–B–22: 1.5 / <1.0
ERM–B–11: 2.5 / <1.0
ERM–B–10: 2.5 / <1.0
ERM–B–1: 3.5 / <1.0
ERM–B–15: 1 / <1.0
W–B–21: 0 / <0.5; 3 / <0.5
W–B–22: 0 / <0.5; 2–3 / <1.0; 3 / <0.5
W–B–23: 0 / <0.5; 3 / <0.5
ERM–B–23: 4.5 / <1.0

STORM WATER CHANNEL
EMPLOYEE PARKING
SALLY RIDE WAY
AIRPORT DRIVE

N
0 200
FEET

Discharge to San Francisco Bay (Approx. 1,500 Ft To Outfall)

Figure 27
Concentrations of Cadmium in Soil
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California
ERM 01/04

Project No. 5310.10
Date: 01/22/03
Drawn By: J. Estrada
CAD File: g:\5310\10\53101037.dwg

Storm Water Channel
Discharge to Wetland/Storm Water
Retention Pond
(Approx. 1,500 Ft To Outfall)

LEGEND

- ERM-B-10 ● ERM Boring
- W-B-2 ● WEISS Boring
- No Chromium Soil Data At This Location
- (15) Area of Concern (AOC) For Investigation
- Satellite Hazardous Waste Accumulation Points (Not Aoc)
- Hazardous Material Storage Area (9)
- ⊗ Storm Water Drain Catch Basin (14)
- Storm Water Sewer Line (14)
- Trench Drain (14)
- Storm Water Channel (14)
- Depth of sample (ft bgs)
- Chromium concentration in milligrams per kilogram (mg/kg)

Depth	Conc.
3	<2.5

- Exceeds Tier-2 Standards

W-B-12: 0 / 30; 0.5 / 90; 3 / 28; 6 / 18
W-B-14: 0 / 19; 3 / 25; 8 / 16
W-B-13: 0 / 29; 3 / 17; 8 / 17
W-B-15: 0 / 32; 8 / 16
W-B-24: 0 / 20; 3 / 30; 8 / 22
W-B-11: 0 / 22; 1–2 / 20; 3 / 27; 8 / 16
W-B-25: 0 / 17; 1–2 / 55; 3 / 89; 8 / 22
W-B-10: 0 / 22; 3 / 2.8; 3–4 / 18; 6 / 16
W-B-26: 0 / 28; 3 / 18; 12 / 28
W-B-27: 0 / 18; 3 / 15; 8 / 19
ERM-B-5: 2.5 / 22
ERM-B-6: 2.5 / 16
ERM-B-12: 2 / 21
W-B-16: 0 / 23; 1–2 / 19; 3 / 17
W-B-17: 0 / 20; 1–2 / 22; 3 / 26
W-B-8: 0 / 39; 1.5–2.5 / 19; 3 / 20
ERM-B-4: 2.5 / 13
ERM-B-3: 2.5 / 17
W-B-7: 0 / 24; 1–2 / 18; 3 / 20
W-B-28: 0 / 31; 3 / 14; 8 / 23
W-B-29: 0 / 29; 1–2 / 56; 3 / 21; 8 / 17
W-B-30: 0 / 31; 3 / 21; 8 / 20
W-B-31: 0 / 24; 3 / 56; 3.5 / 74
W-B-33: 0 / 38; 2.5 / 31; 3 / 34; 8 / 47
W-B-32: 0 / 30; 1–2 / 26; 3 / 19; 8 / 41
W-B-34: 0 / 22; 3 / 50
W-B-35: 0 / 48; 3 / 25
W-B-36: 0 / 24; 3 / 19
W-B-37: 0 / 33; 3.5 / 23
W-B-39: 0 / 27; 2–3 / 16; 3 / 17; 8 / 14
W-B-38: 0 / 21; 3 / 15; 8 / 24
W-B-4: 0 / 40; 3 / 21; 3–4 / 17
W-B-6: 0 / 43; 3 / 16; 3–4 / 20
ERM-B-14: 4.5 / 23
W-B-3: 0 / 180; 3 / 41; 3–4 / 19
W-B-1: 0 / 190; 3 / 20
ERM-B-13: 3.5 / 11
W-B-5: 0 / 70; 3 / 22; 3–4 / 15
W-B-2: 0 / 60; 3 / 47; 3.5–4.5 / 12
ERM-B-2: 3.5 / 15
ERM-B-22: 1.5 / 18
ERM-B-11: 2.5 / 18
ERM-B-10: 2.5 / 19
ERM-B-1: 3.5 / 18
ERM-B-15: 1 / 17
W-B-9: 4 / 23
W-B-18: 7.5 / 22
W-B-19: 4 / 20
W-B-20: 3 / 24
W-B-21: 0 / 32; 3 / 20
W-B-22: 0 / 25; 2–3 / 16; 3 / 22
W-B-23: 0 / 24; 3 / 110
ERM-B-23: 4.5 / 17

ERM-B-27, ERM-B-7, ERM-B-9, ERM-B-8, ERM-B-17, ERM-B-16, ERM-B-26, ERM-B-25, ERM-B-18, ERM-B-24, ERM-B-19, ERM-B-21, ERM-B-20

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19)

STORM WATER CHANNEL
STORM WATER CHANNEL
EMPLOYEE PARKING
SALLY RIDE WAY
AIRPORT DRIVE

0 200 FEET

Discharge to
San Francisco Bay
(Approx. 1,500 Ft To Outfall)

Figure 28
Concentrations of Total Chromium in Soil
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California
ERM 01/04

Project No: 5310.10
Date: 01/09/04
Drawn By: J. Estrada
CAD File: g:\5310\10\5310101039.dwg

Storm Water Channel
Discharge to Wetland/Storm Water
Retention Pond
(Approx. 1,500 Ft To Outfall)

EMPLOYEE PARKING

STORM WATER CHANNEL

SALLY RIDE WAY

AIRPORT DRIVE

Discharge to
San Francisco Bay
(Approx. 1,500 Ft To Outfall)

0 200
FEET

LEGEND

- ERM-MW-01 — ERM Monitoring Well
- UAL-MW-2 — Other Monitoring Well
- No Nickel Ground Water Data At This Location
- ERM-B-10 — ERM Boring
- W-B-2 — WEISS Boring
- No Nickel Ground Water Data At This Location or Data Not Used Due To Presence of Monitoring Well
- <0.02 — Nickel Concentration in Ground Water in milligrams per liter (mg/L)
- Exceeds Tier-1 Standards
- Exceeds Tier-2 Standards
- (15) — Area of Concern (AOC) For Investigation
- Satellite Hazardous Waste Accumulation Points (Not Aoc)
- Hazardous Material Storage Area (9)
- Storm Water Drain Catch Basin (14)
- Storm Water Sewer Line (14)
- Trench Drain (14)
- Storm Water Channel (14)

Figure 29
Concentrations of Nickel in Ground Water
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California
ERM 01/04

Appendix C2
Figures from SCA 2006 Report

This Report Prepared for:

Port of Oakland
530 Water Street
Oakland, California 94607

GROUNDWATER SAMPLING AND ANALYSIS REPORT
FORMER UNITED AIRLINES HANGAR
OAKLAND INTERNATIONAL AIRPORT
PORT OF OAKLAND
OAKLAND, CALIFORNIA

August 2006

Prepared by:

Anya Tepermeyster
Project Scientist
SCA Environmental, Inc.

Reviewed by:

Kenneth Conner, PE, CHMM
Senior Project Manager
SCA Environmental, Inc.

SCA ENVIRONMENTAL, INC.
334 19th St.
Oakland, California 94612
(510) 645-6200

FIGURES

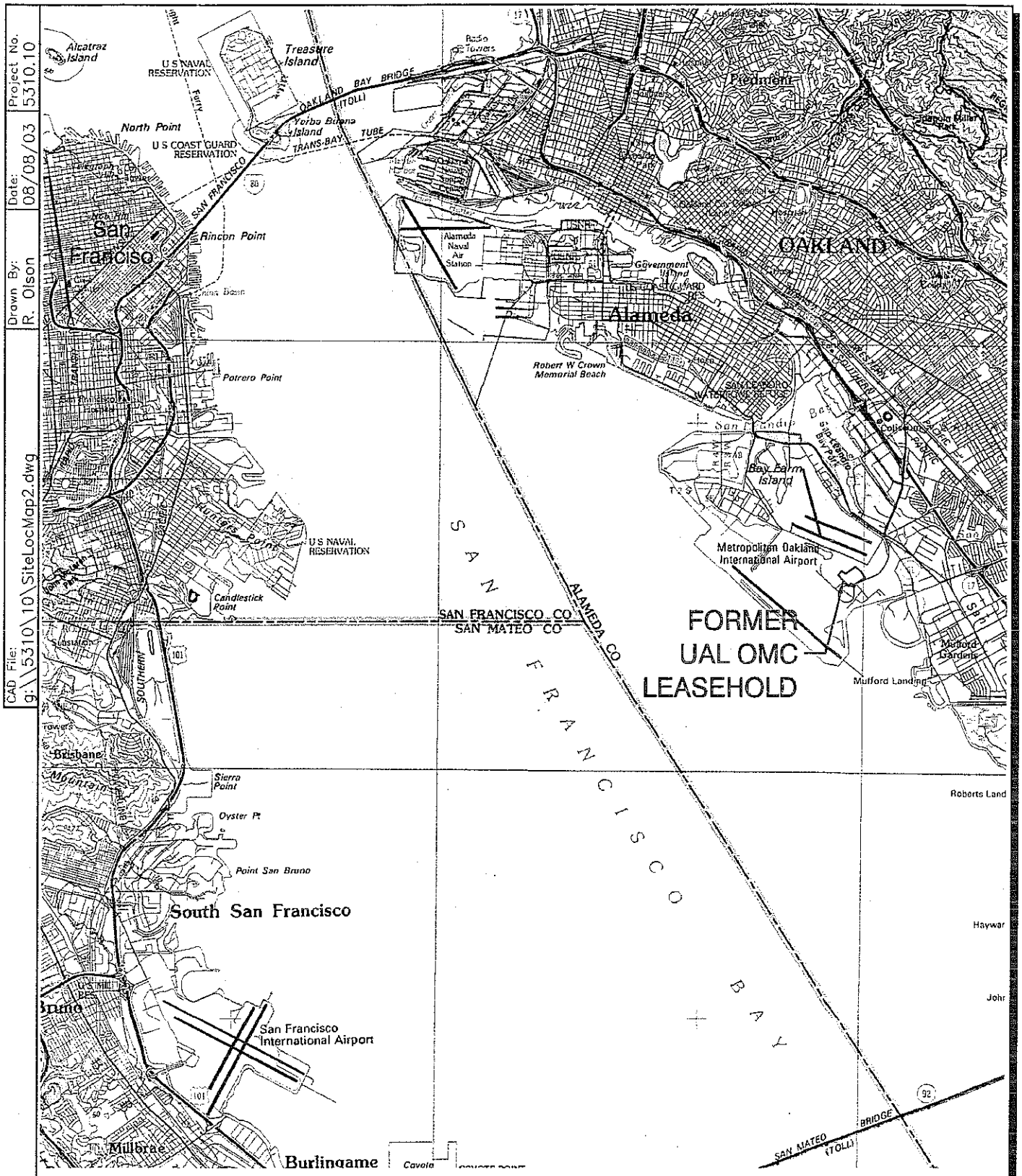


Figure 1

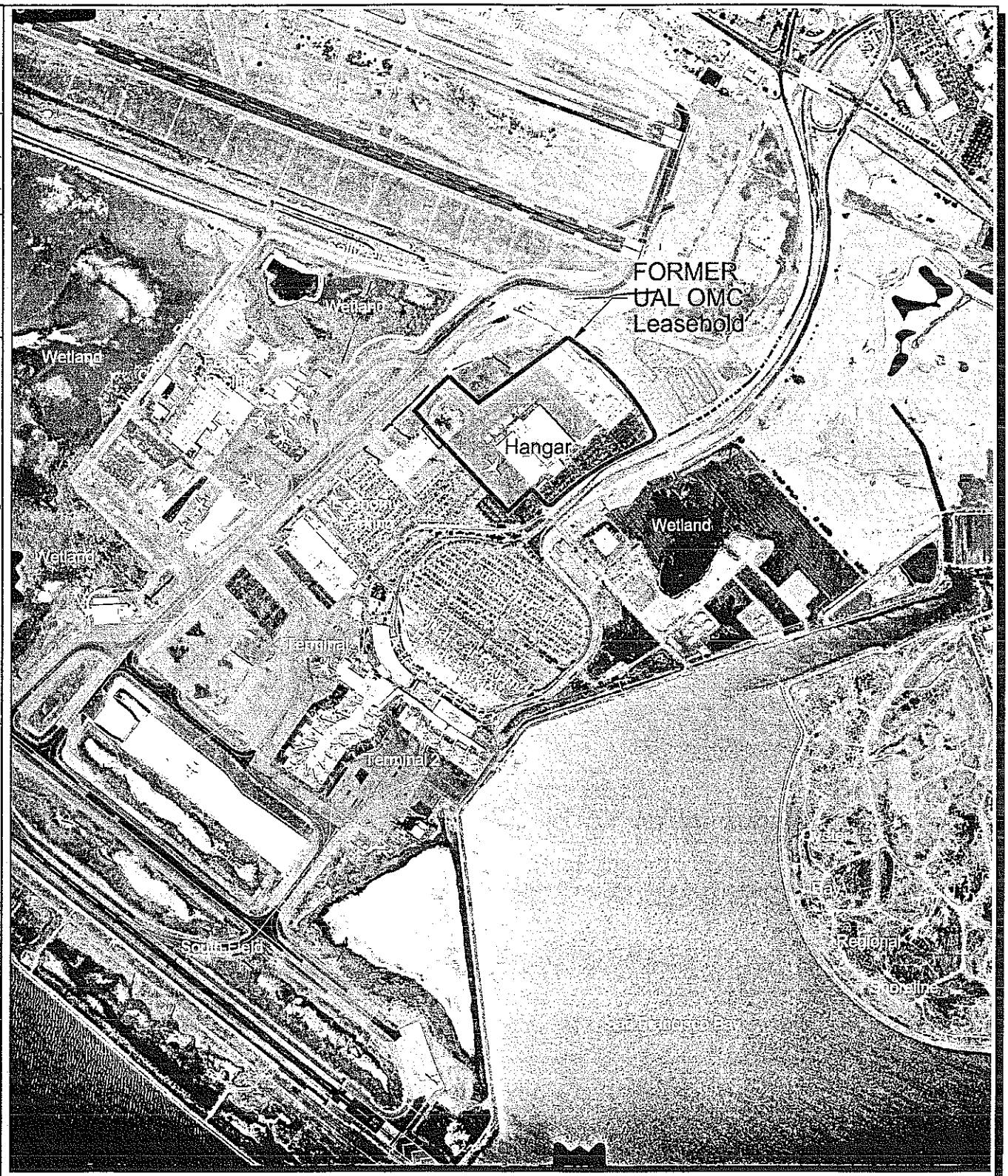
Site Location Map

Former United Airlines Oakland Maintenance Center

Oakland International Airport, Oakland, California

ERM 08/03

References:
TOPO!®Version 2.6.8 (2001)



CAD File: g:\5310\10\531032.dwg
Drawn By: J. Estrada
Date: 08/07/03
Project No. 5310.10

N

0 1200
Approx. Scale (feet)

Figure 2
July 2002 Aerial Photograph
of the OMC and Surrounding Area
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM *08/03*

CAD File: g:\5310\10\5310045.dwg
Drawn By: J. Estrada
Date: 01/20/04
Project No. 5310.10

Storm Water Channel Discharge to Wetland/Storm Water Retention Pond (Approx. 1,500 Ft To Outfall)

TO OFFSITE STORM POND

DIVERSION CHANNEL TO STORM PONDS

TAXIWAY B

TAXIWAY B1

FUEL SPILL AREA ON TAXIWAY (16)

BOILER WITH DIESEL AST (6)

INDUSTRIAL WASTEWATER VAULT (3)

METALS TREATMENT PLANT

RECENT 90-DAY HAZARDOUS WASTE ACCUMULATION AREA (8)

AIRCRAFT WASH RACK (2)

FORMER JET FUEL USTs (NOT AOC)

FUEL BOWSER STORAGE AREA

FORMER 90-DAY HAZARDOUS WASTE ACCUMULATION AREA AND DEBRIS COMPACTOR (7)

STORM WATER CHANNEL

LEASE PARCEL RIGHT OF FIRST REFUSAL

PAVEMENT PERIMETER (19)

STORM DRAIN (14)

VEHICLE MAINTENANCE (5) CENTER

FORMER WORLD AIRWAYS CLEANING ROOM (1)

HAZARDOUS MATERIAL STORAGE AREA (9)

FORMER FUEL USTs (17)

FUEL STORAGE AST (4)

SMALL PARTS WASH RACK (1)

HAZARDOUS MATERIAL STORAGE AREA (9)

FORMER FUELING ISLAND (17)

FORMER OFF-SITE WASTE OIL AND SOLVENT USTs (18)

HANGAR BUILDING

WATERFALL PAINT SPRAY BOOTH (13)

C CORE

BAY 2

BAY 3

CHEMICAL STORAGE AREA (10)

B CORE

AIRCRAFT FUELING/DEFUELING EQUIPMENT AREA (11)

AIRCRAFT FUELING/DEFUELING EQUIPMENT AREA (11)

BAY 1

BAY 4

FIRE FIGHTING SYSTEM WITH 7 GENERATOR SETS & DIESEL TANKS IN VAULT (12)

AIRCRAFT PARKING AND RUN UP AREA (15)

STORM WATER CHANNEL

SALLY RIDE WAY

FORMER OFF-SITE WASTE OIL AND SOLVENT USTs

UNIVERSAL WASTE & RECYCLE STORAGE AREA (NOT AOC)

HAZARDOUS MATERIAL STORAGE AREA (9)

EAST GATE

FORMER FIRE FIGHTING FOAM USTs (NOT AOC)

FIRE FIGHTING FOAM ASTs (NOT AOC)

STORM DRAIN (14)

DISCHARGE TO RETENTION BASIN AND THEN TO PUMP HOUSE #4

FORMER UAL OMC LEASEHOLD

AIRPORT DRIVE

0 200
FEET

LEGEND

(5) AREA of CONCERN (AOC) FOR INVESTIGATION

SATELLITE HAZARDOUS WASTE ACCUMULATION POINTS (NOT AOC)

HAZARDOUS MATERIAL STORAGE AREA (9)

STORM WATER DRAIN CATCH BASIN (14)

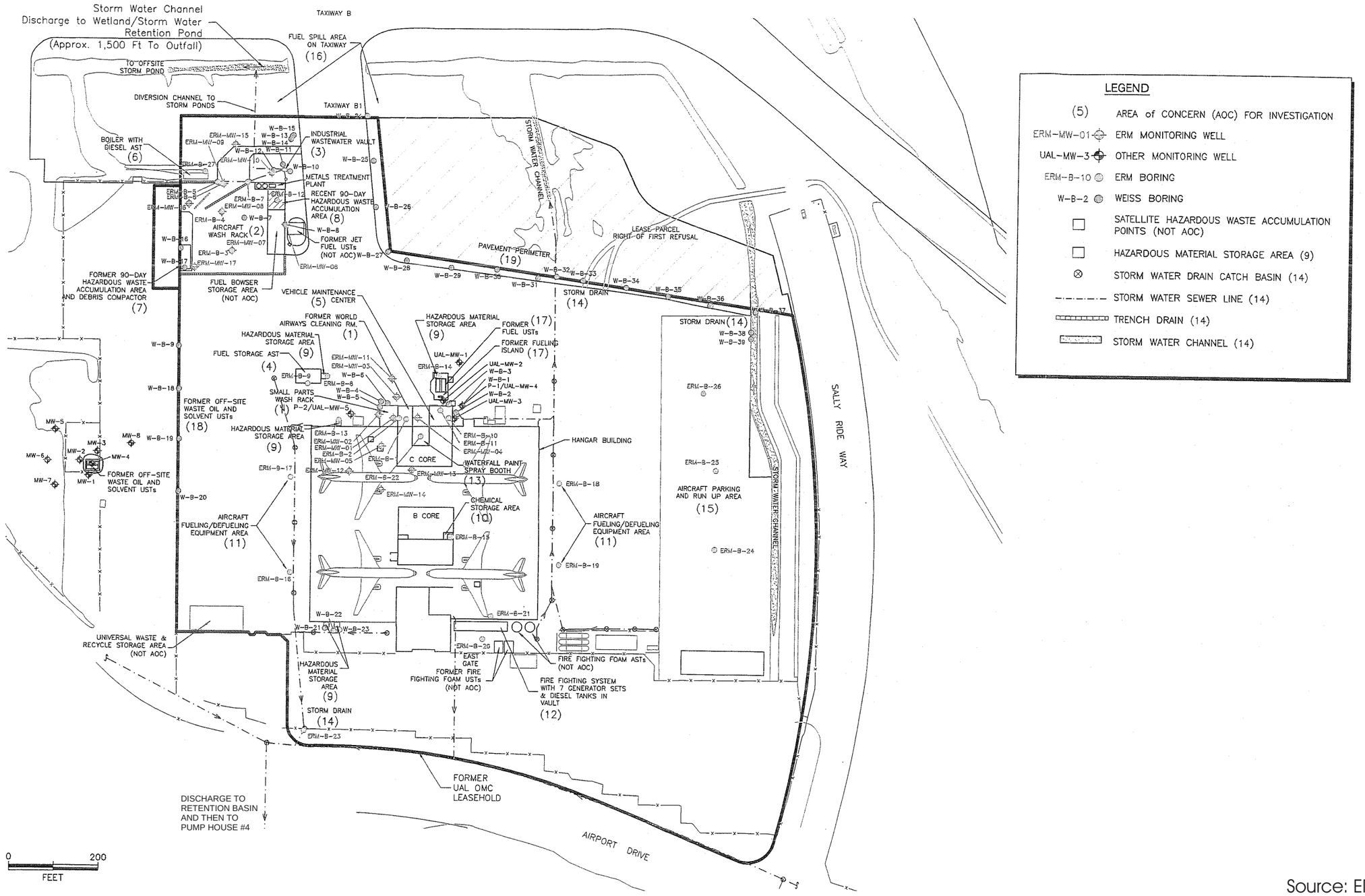
STORM WATER SEWER LINE (14)

TRENCH DRAIN (14)

STORM WATER CHANNEL (14)

Figure 3
Site Features and Areas of Concern
Former United Airlines Oakland Maintenance Center
Oakland International Airport, Oakland, California

ERM 01/04

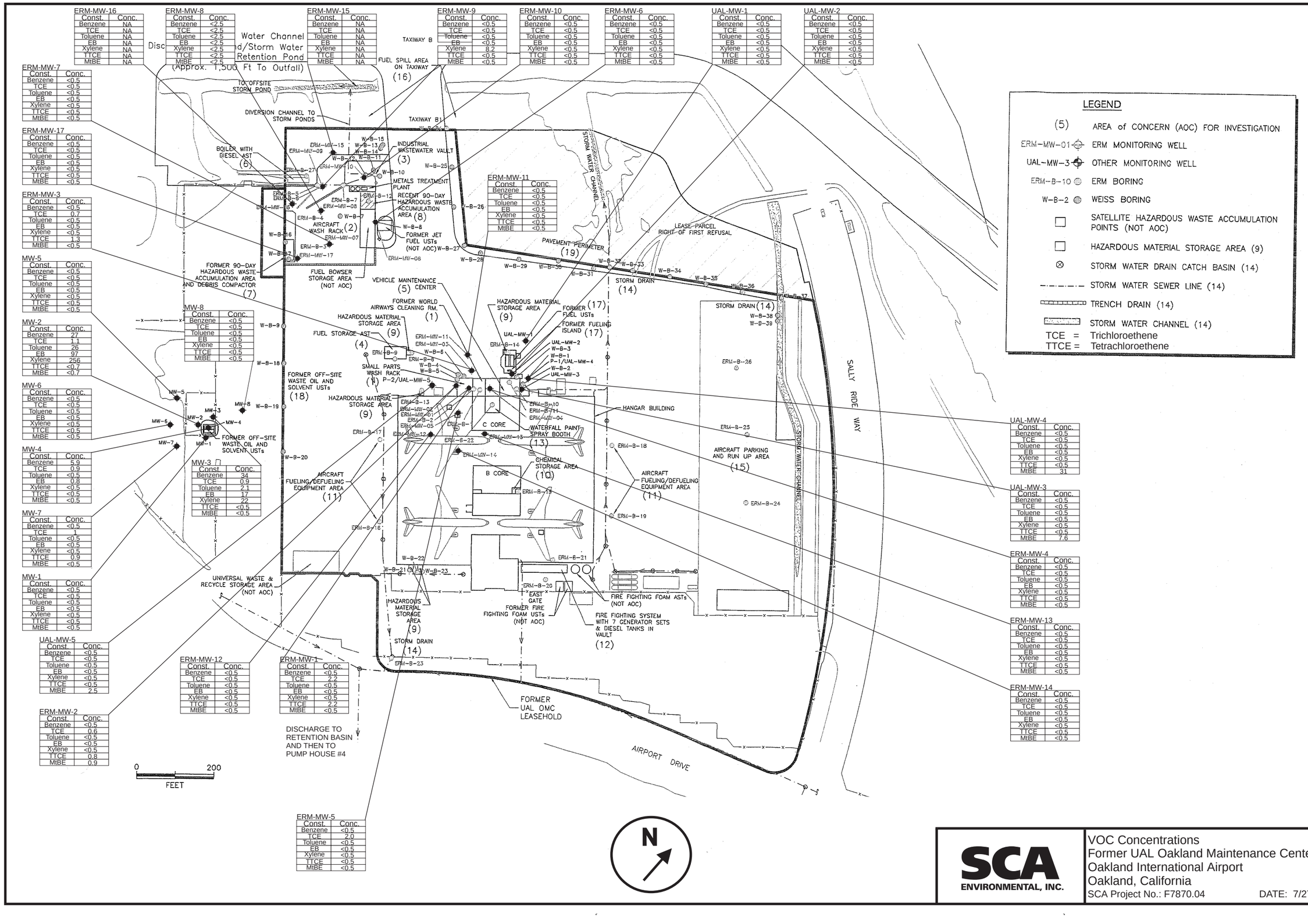


Source: ERM 01/04

SCA ENVIRONMENTAL, INC.

Soil Boring and Monitoring Well Locations
Former UAL Oakland Maintenance Center
Oakland International Airport
Oakland, California
SCA Project No.: F7870.04 DATE: 7/27/06

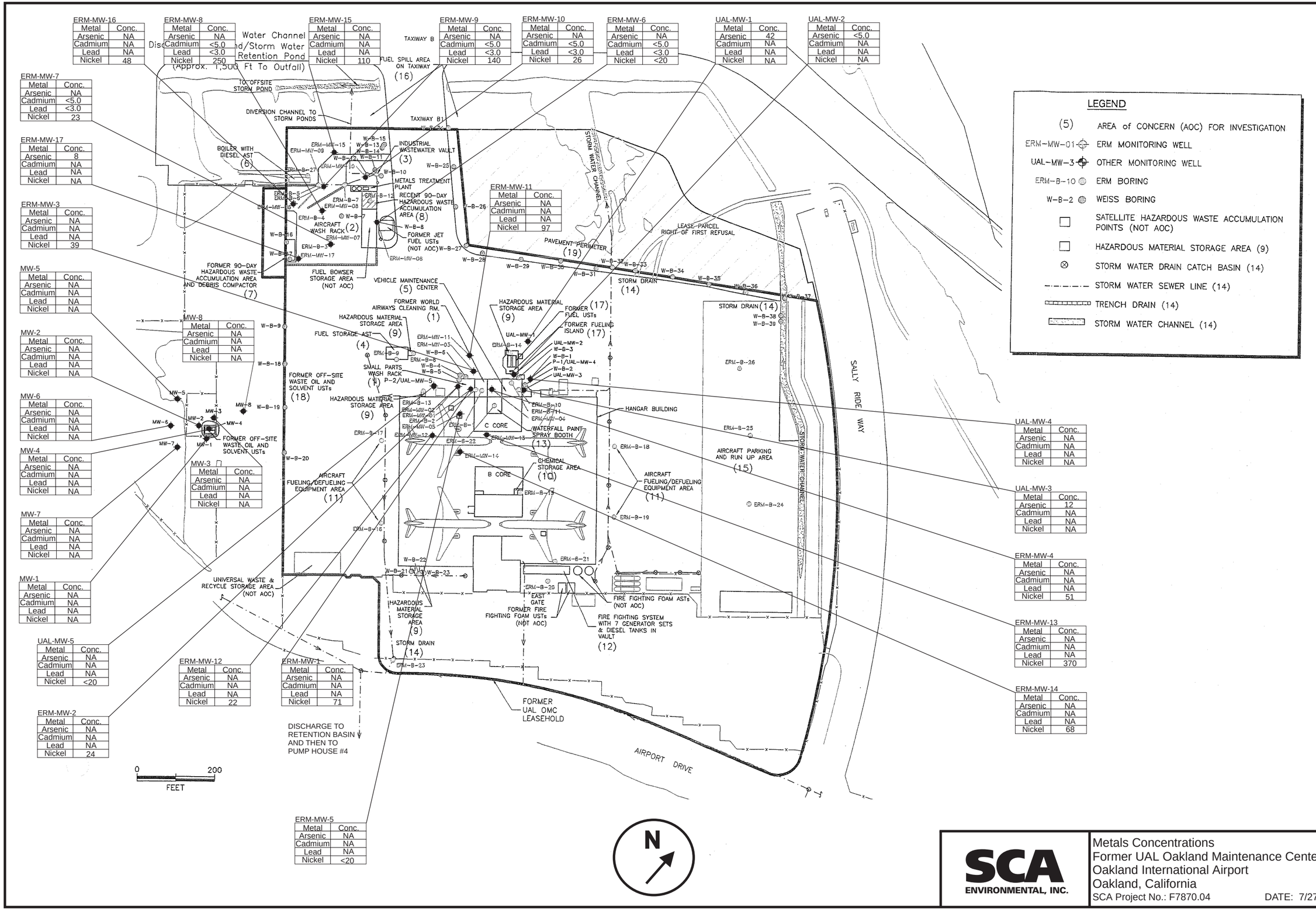
FIGURE 4



SCA ENVIRONMENTAL, INC.

VOC Concentrations
Former UAL Oakland Maintenance Center
Oakland International Airport
Oakland, California
SCA Project No.: F7870.04 DATE: 7/27/06

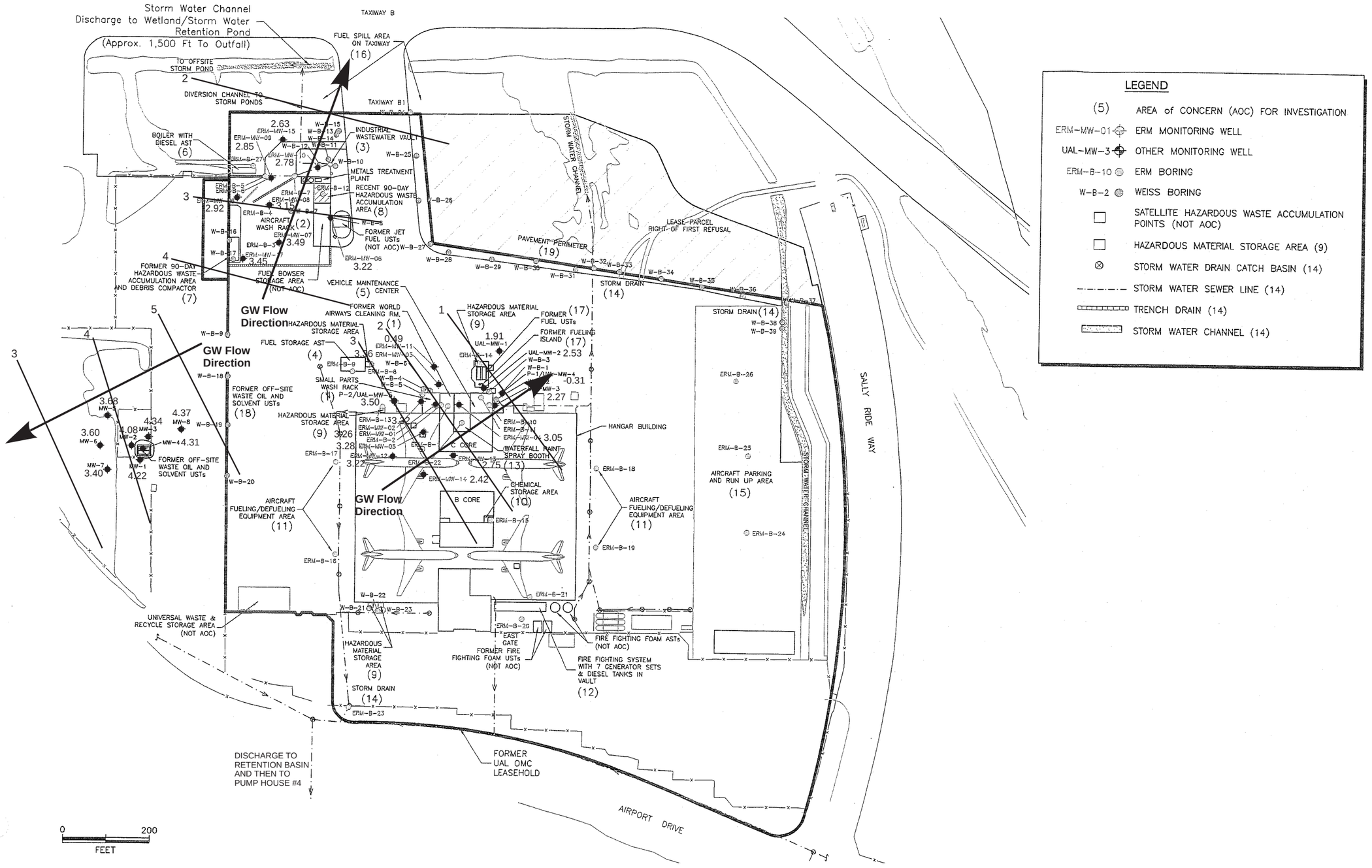
FIGURE 5



SCA ENVIRONMENTAL, INC.

Metals Concentrations
Former UAL Oakland Maintenance Center
Oakland International Airport
Oakland, California
SCA Project No.: F7870.04 DATE: 7/27/06

FIGURE 6

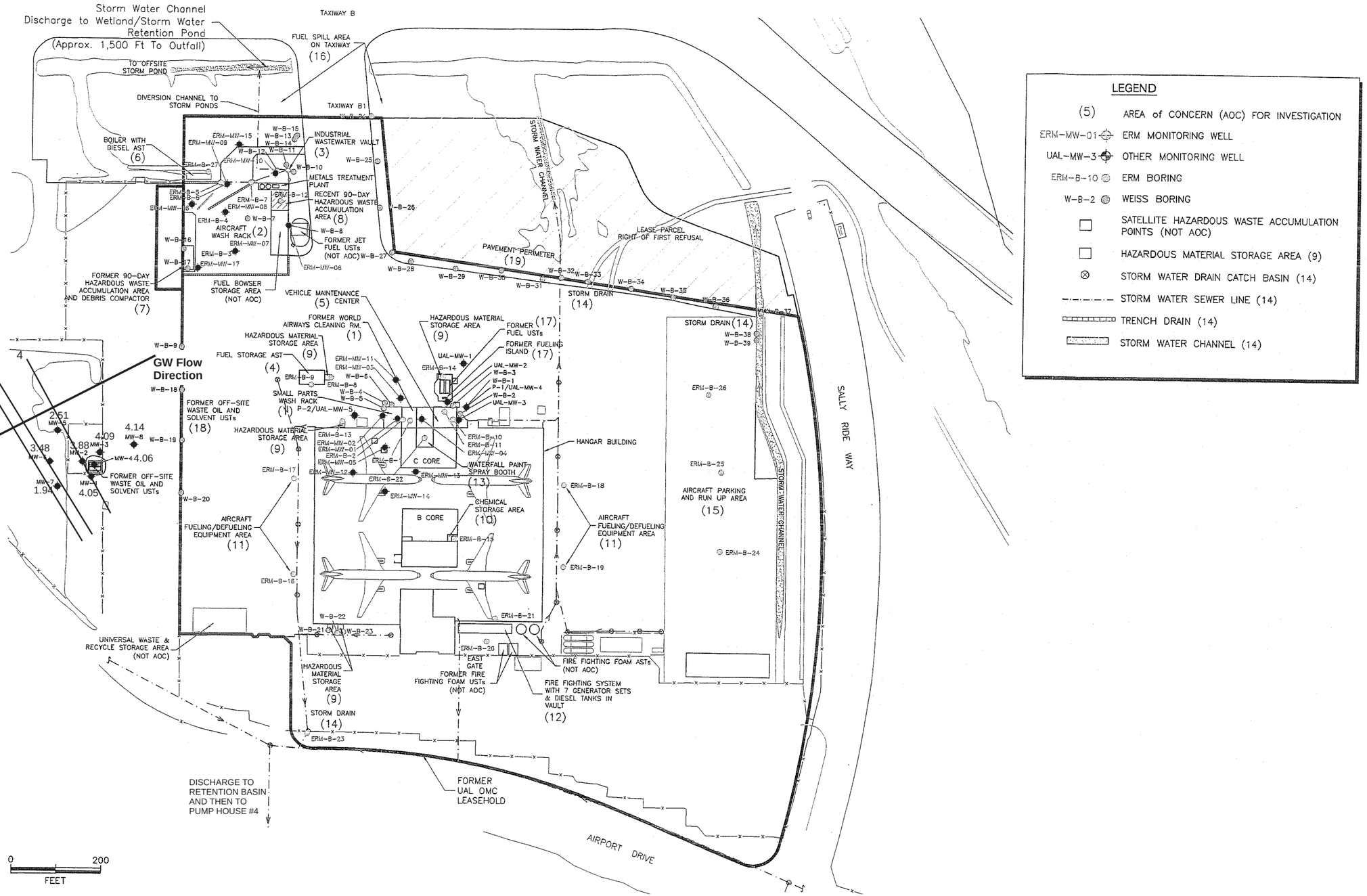


SCA ENVIRONMENTAL, INC.

Ground Water Elevation
Former UAL Oakland Maintenance Center
Oakland International Airport
Oakland, California

SCA Project No.: F7870.04 DATE: 7/27/06

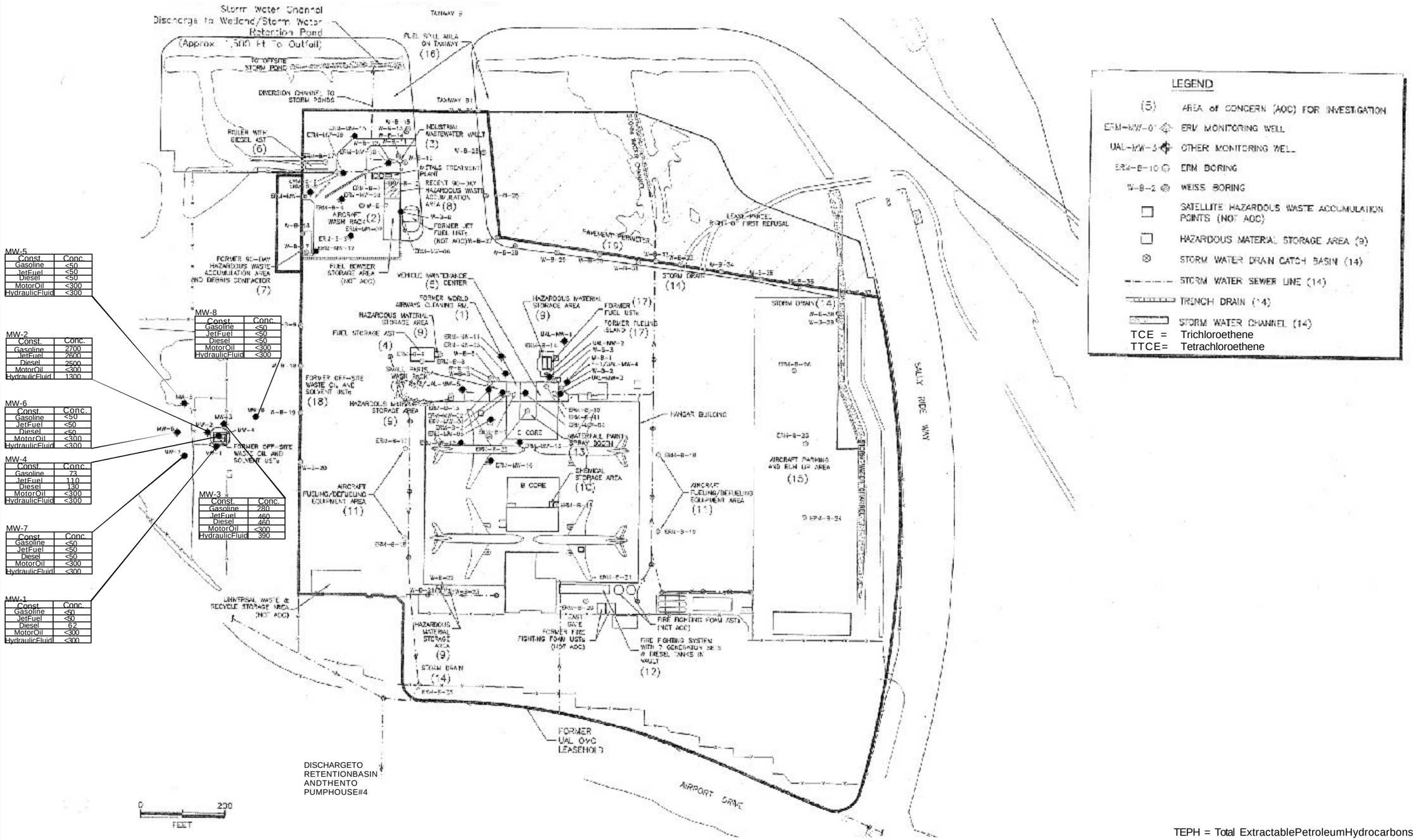
FIGURE 7



SCA ENVIRONMENTAL, INC.

Ground Water Elevation
Economy Parking Wells; Sampled 08/03/06
Oakland International Airport
Oakland, California
SCA Project No.: F7870.04 DATE: 8/08/06

FIGURE 8



MW-5

Const.	Conc.
Gasoline	<50
JetFuel	<50
Diesel	<50
MotorOil	<300
HydraulicFluid	<300

MW-8

Const.	Conc.
Gasoline	<50
JetFuel	<50
Diesel	<50
MotorOil	<300
HydraulicFluid	<300

MW-2

Const.	Conc.
Gasoline	2700
JetFuel	2600
Diesel	2500
MotorOil	<300
HydraulicFluid	1300

MW-6

Const.	Conc.
Gasoline	<50
JetFuel	<50
Diesel	<50
MotorOil	<300
HydraulicFluid	<300

MW-4

Const.	Conc.
Gasoline	73
JetFuel	110
Diesel	130
MotorOil	<300
HydraulicFluid	<300

MW-3

Const.	Conc.
Gasoline	280
JetFuel	460
Diesel	460
MotorOil	<300
HydraulicFluid	390

MW-7

Const.	Conc.
Gasoline	<50
JetFuel	<50
Diesel	<50
MotorOil	<300
HydraulicFluid	<300

MW-1

Const.	Conc.
Gasoline	<50
JetFuel	<50
Diesel	62
MotorOil	<300
HydraulicFluid	<300

TEPH = Total ExtractablePetroleumHydrocarbons
TPPH = Total PurgeablePetroleumHydrocarbons

SCA ENVIRONMENTAL, INC.

TEPH andTPPHConcentrations
FormerUALOakland MaintenanceCenter
OaklandInternationalAirport
Oakland, California
SCAProjectNo.:F7870.04 DATE: 8/11/06

FIGURE 9

Appendix C3
Figures from Kennedy Jenks 2012 Report

MW-8
B-12
B-10
B-7
MW-3
B-6
B-8
B-13
B-9
MW-5
B-5
MW-4
B-11
MW-2
B-1
B-4
B-3
MW-1
B-2
MW-6
MW-7
John Glenn Dr

Note: All locations are approximate.

Path: Z:\Projects\Oakland Airport\Events\20110901 Figures\MXD\Site Location V2.mxd

VICINITY MAP

Legend

- Light Pole
- 2011 Kennedy/Jenks Boring
- Monitoring Well
- Fence

N

0 15 30

Scale: Feet

Kennedy/Jenks Consultants

Oakland Maintenance Center
Oakland International Airport
Oakland, California

Site Location Map

K/J 1165013*00
January 2012

Figure 1

MW-8
4.49

B-12

B-10

B-7

MW-3
4.42

B-6

B-13

B-9

B-8

MW-5
3.63

MW-4
4.49

B-5

B-11

MW-2
4.15

B-1

B-4

B-3

MW-1
3.47

B-2

MW-6
3.61

MW-7
3.51

4.4
4.3
4.2
4.1
4.0
3.9
3.8
3.7
3.6

John Glenn Dr

Image Source: (c)2009 Microsoft Corporation

Path: Z:\Projects\Oakland Airport\Events\20110901_Figures\MXD\GW_Elev.mxd

VICINITY MAP

Legend

- Light Pole
- 2011 Kennedy/Jenks Boring
- Monitoring Well
- 4.42 Groundwater Elevation in feet AMSL
- Fence
- Groundwater Elevation Contour in feet AMSL

N

0 15 30

Scale: Feet

Kennedy/Jenks Consultants

Oakland Maintenance Center
Oakland International Airport
Oakland, California

Groundwater Elevations
23 August 2011

K/J 1165013*00
January 2012

Figure 2

MW-8	
ug/l	
JFRO	< 50
DRO	< 50
MORO	< 100

MW-8

MW-3	
ug/l	
JFRO	**64,000**
DRO	**80,000**
MORO	**33,000**

MW-5	
ug/l	
JFRO	< 50
DRO	230
MORO	480

MW-5

MW-4	DUP
ug/l	
JFRO	**4,400**	**4,200**
DRO	**4,900**	**4,700**
MORO	< 200	< 200

MW-2	
ug/l	
JFRO	**15,000**
DRO	**17,000**
MORO	< 1,000

MW-1	
ug/l	
JFRO	**5,000**
DRO	**5,600**
MORO	< 200

MW-6	
ug/l	
JFRO	< 51
DRO	120
MORO	260

MW-7	
ug/l	
JFRO	< 51
DRO	73
MORO	140

B-1, B-2, B-3, B-4, B-5, B-6, B-7, B-8, B-9, B-10, B-11, B-12, B-13, MW-1, MW-2, MW-3, MW-4, MW-6, MW-7

Approximate Over-Excavation Limits

John Glenn Dr

Note: All locations are approximate.

Path: Z:\Projects\Oakland Airport\Events\20110901_Figures\MXD\GW_Chemical_Conc.mxd

VICINITY MAP

Legend

- Light Pole
- 2011 Kennedy/Jenks Boring
- Monitoring Well
- Fence
- Approximate Over-Excavation Limits

Jet Fuel #4 (JP4)	-	JFRO
Diesel Range Organics C10-C28	-	DRO
Motor Oil Range Organics C24-C36	-	MORO

Note: Bold concentrations exceed Environmental Screening Level Final Gross Contamination Ceiling Level, groundwater NOT a source of drinking water, Table I-2

N

0 15 30

Scale: Feet

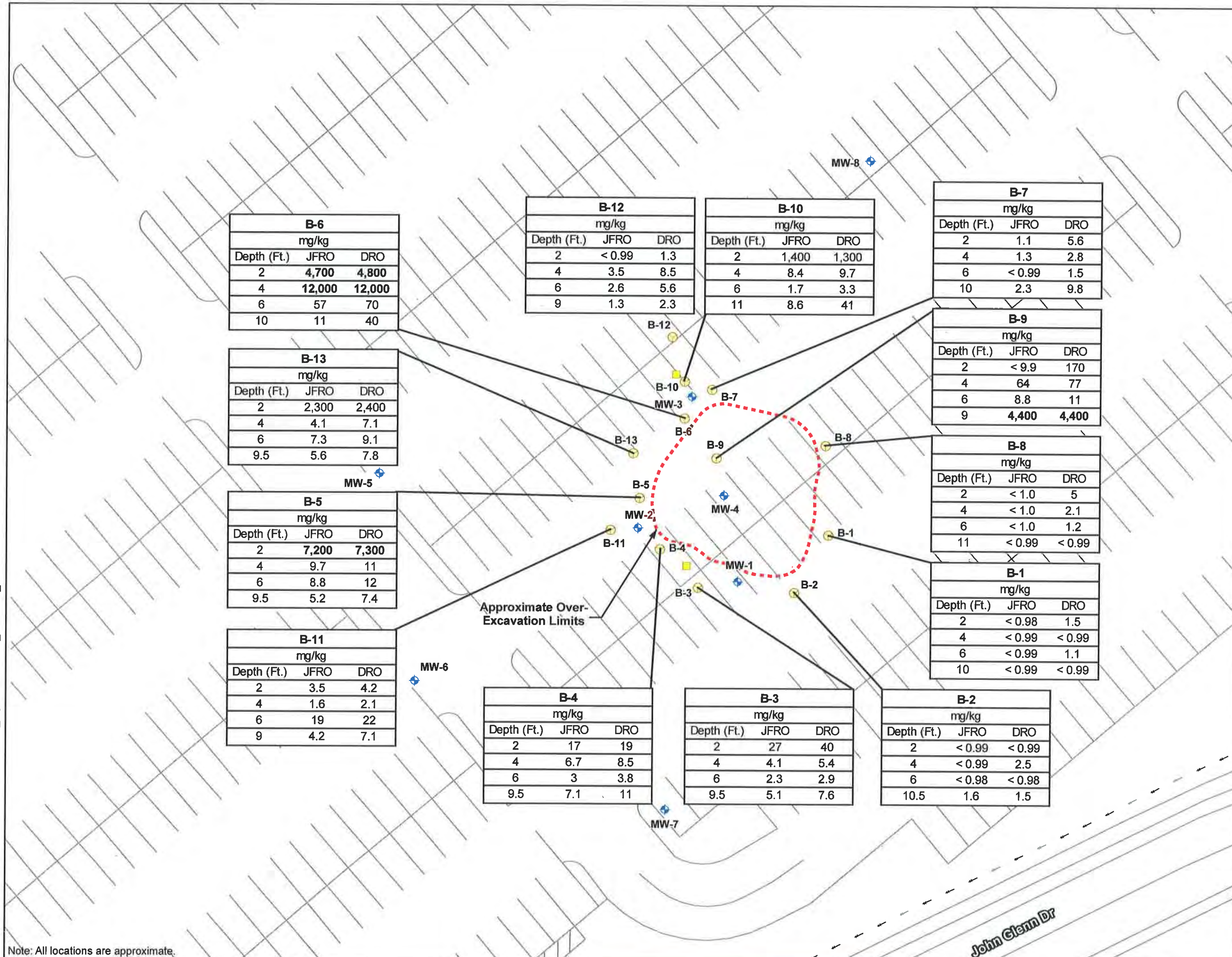
Kennedy/Jenks Consultants

Oakland Maintenance Center
Oakland International Airport
Oakland, California

Chemical Concentrations in Groundwater

K/J 1165013*00
January 2012

Figure 3



B-6 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	**4,700**	**4,800**
4	**12,000**	**12,000**
6	57	70
10	11	40

B-12 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	< 0.99	1.3
4	3.5	8.5
6	2.6	5.6
9	1.3	2.3

B-10 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	1,400	1,300
4	8.4	9.7
6	1.7	3.3
11	8.6	41

B-7 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	1.1	5.6
4	1.3	2.8
6	< 0.99	1.5
10	2.3	9.8

B-13 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	2,300	2,400
4	4.1	7.1
6	7.3	9.1
9.5	5.6	7.8

B-9 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	< 9.9	170
4	64	77
6	8.8	11
9	**4,400**	**4,400**

B-8 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	< 1.0	5
4	< 1.0	2.1
6	< 1.0	1.2
11	< 0.99	< 0.99

B-5 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	**7,200**	**7,300**
4	9.7	11
6	8.8	12
9.5	5.2	7.4

B-1 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	< 0.98	1.5
4	< 0.99	< 0.99
6	< 0.99	1.1
10	< 0.99	< 0.99

B-11 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	3.5	4.2
4	1.6	2.1
6	19	22
9	4.2	7.1

B-4 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	17	19
4	6.7	8.5
6	3	3.8
9.5	7.1	11

B-3 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	27	40
4	4.1	5.4
6	2.3	2.9
9.5	5.1	7.6

B-2 (mg/kg)

Depth (Ft.)	JFRO	DRO
2	< 0.99	< 0.99
4	< 0.99	2.5
6	< 0.98	< 0.98
10.5	1.6	1.5

Path: Z:\Projects\Oakland Airport\Events\20110901_Figures\MXD\Soil_Chemical_Conc.mxd

VICINITY MAP

Legend

- Light Pole
- 2011 Kennedy/Jenks Boring
- Monitoring Well
- Fence
- Approximate Over-Excavation Limits

Jet Fuel #4 (JP4) - JFRO
Diesel Range Organics C10-C28 - DRO

Note: Bold concentrations exceed Environmental Screening Level, Direct Exposure Soil Screening Levels - Construction/Trench Worker Exposure Scenario, Table K-3

N

0 15 30
Scale: Feet

Kennedy/Jenks Consultants

Oakland Maintenance Center
Oakland International Airport
Oakland, California

Chemical Concentrations in Soil

K/J 1165013*00
January 2012

Figure 4

Appendix D
Pre-2003 Data Set - MF25/MF26

Appendix D1
Tables and Figures from HardingESE 2001 Report

Harding ESE
A MACTEC COMPANY

Harding ESE, Inc.
383 Fourth Street
Suite 300
Oakland, CA 94607
Telephone: 510/451-1001
Fax: 510/451-3165
Home Page: www.mactec.com

REPORT ID# 79
pdf-3-4-09

4M

March 1, 2001

43145.4

Mr. Dale H. Klettke, CHMM
Port of Oakland
Environmental Health & Safety Compliance
530 Water Street, 2nd Floor
Oakland, California 94607

Quarterly Groundwater Monitoring Report
October 1 through December 31, 2000
United Airlines Hangar Area – Economy Parking Lot Site
Oakland International Airport
Oakland, California

Dear Mr. Klettke:

Harding ESE, Inc. (Harding) formerly Harding Lawson Associates (HLA), presents this groundwater monitoring report summarizing groundwater conditions observed during the fourth quarter of 2000 in eight monitoring wells at the United Airlines Hangar Area - Economy Parking Lot Site, Oakland International Airport, Oakland, California (Plate 1). This report presents results of the ninth quarterly groundwater monitoring event that Harding has performed for the Port of Oakland in accordance with HLA's *Work Plan for Installation of Oxygen Releasing Compound (ORC)*, dated December 18, 1999. The sampling for this monitoring event occurred just after the end of the fourth quarter during the beginning of January 2001. No further sampling is planned at this site.

BACKGROUND

In March 1992, the Port of Oakland removed two underground storage tanks (USTs) from the Economy Parking Lot Site, MF-25 and MF-26. The Port's contractor removed approximately 700 cubic yards of impacted soil and collected confirmation soil samples following soil removal. The former UST excavation (approximately 80-feet by 80-feet) was reportedly backfilled with permeable material. The area is now paved and used for parking (Plate 2). The Port's contractor installed Monitoring Well MW-1 in 1992 where elevated concentrations of total petroleum hydrocarbons as diesel (TPHd) and total petroleum hydrocarbons as motor oil (TPHmo) were reported. Two additional monitoring wells, MW-2 and MW-3, were installed in 1995. Free product was observed in MW-2 and MW-3 in 1996 and 1997. The Port's

UM
Economy
GW
3/1/01
11255

TABLES

Table 1. Groundwater Elevations
Quarterly Groundwater Monitoring Report
United Airlines Hangar Area - Economy Parking Lot Site
Oakland International Airport

Well Name	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Groundwater Elevation (feet)	Product Thickness (feet)	Note
MW-1	6.91	15-May-92	3.10	3.81	--	1
		7-Aug-92	3.20	3.71	--	1
		24-Nov-92	4.04	2.87	--	1
		12-Feb-93	--	--	--	1
		11-Mar-93	2.09	4.82	--	1
		17-May-93	3.14	3.77	--	1
		3-Aug-93	3.15	3.76	--	1
		25-Nov-93	3.59	3.32	--	1
		24-Mar-94	3.21	3.70	--	1
		9-May-94	2.99	3.92	--	1
		29-Aug-94	3.34	3.57	--	1
		27-Sep-94	3.51	3.40	--	1
		25-Apr-95	2.38	4.53	--	1
		11-Aug-95	3.08	3.83	--	1
		3-Nov-95	3.52	3.39	--	1
		19-Jun-96	2.93	3.98	--	1
		24-Oct-96	3.52	3.39	--	1
		22-Jan-97	2.61	4.30	--	1
		25-Apr-97	2.77	4.14	--	1
		6-Aug-97	3.27	3.64	--	1
		23-Dec-97	3.14	3.77	--	1
		26-Mar-98	2.09	4.82	--	1
		13-May-98	--	--	--	2
		16-Dec-98	2.95	3.96	--	
		26-Feb-99	5.83	1.08	--	
		20-May-99	2.62	4.29	--	
		17-Aug-99	3.30	3.61	--	
		11-Nov-99	4.44	2.47	--	
		23-Mar-00	2.57	4.34	--	
		25-Apr-00	2.67	4.24	--	
		24-May-00	2.83	4.08	--	
		10-Jul-00	3.00	3.91	--	
		31-Aug-00	3.25	3.66	--	
		11-Jan-01	3.44	3.47	--	
MW-2	6.63	25-Apr-95	2.20	4.43	--	1
		11-Aug-95	3.11	3.52	--	1
		3-Nov-95	3.28	3.35	--	1
		19-Jun-96	2.53	4.14	0.05	1,3
		24-Oct-96	3.44	3.31	0.16	1,3
		22-Jan-97	2.45	4.20	0.02	1,3
		25-Apr-97	2.60	4.05	0.03	1,3
		30-Jul-97	--	--	0.14	1,4
		6-Aug-97	2.96	3.67	--	1
		23-Dec-97	2.85	3.97	0.25	1,3
		26-Mar-98	1.72	4.92	0.005	1,3
	6.58	13-May-98	1.80	4.78	--	2,5
		16-Dec-98	2.60	3.98	--	
		26-Feb-99	2.06	4.52	--	
		20-May-99	2.40	4.18	--	
		17-Aug-99	2.92	3.66	--	
		11-Nov-99	3.05	3.53	--	

Table 1. Groundwater Elevations
Quarterly Groundwater Monitoring Report
United Airlines Hangar Area - Economy Parking Lot Site
Oakland International Airport

Well Name	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Groundwater Elevation (feet)	Product Thickness (feet)	Note
MW-2		23-Mar-00	2.27	4.31	--	
		25-Apr-00	2.34	4.24	--	
		24-May-00	2.22	4.36	--	
		10-Jul-00	2.70	3.88	--	
		31-Aug-00	2.98	3.60	--	
		11-Jan-01	2.73	3.85	--	
MW-3	7.36	25-Apr-95	2.20	5.16	--	1
		11-Aug-95	3.11	4.25	--	1
		3-Nov-95	3.28	4.08	--	1
		19-Jun-96	2.53	4.14	0.05	1,3
		24-Oct-96	3.44	3.31	0.16	1,3
		22-Jan-97	2.45	4.20	0.02	1,3
		25-Apr-97	3.13	4.24	0.01	1,3
		30-Jul-97	NM	NM	0.03	1,4
		6-Aug-97	3.76	3.60	--	1
		23-Dec-97	3.48	3.88	--	1
		26-Mar-98	2.36	5.00	0.005	1,3
		13-May-98	--	--	--	2
		16-Dec-98	3.40	3.96	--	
		26-Feb-99	2.49	4.87	--	
		20-May-99	2.96	4.40	--	
		17-Aug-99	3.64	3.72	--	
		11-Nov-99	3.88	3.48	--	
		23-Mar-00	2.55	4.81	--	
		25-Apr-00	2.90	4.46	--	
		24-May-00	2.68	4.68	--	
		10-Jul-00	3.37	3.99	--	
		31-Aug-00	3.79	3.57	--	
		11-Jan-01	2.96	4.40	--	
MW-4	6.92	13-May-98	2.01	4.91	--	2
		16-Dec-98	2.84	4.08	--	
		26-Feb-99	1.94	4.98	--	
		20-May-99	2.47	4.45	--	
		17-Aug-99	3.10	3.82	--	
		11-Nov-99	3.38	3.54	--	
		23-Mar-00	2.06	4.86	--	
		25-Apr-00	2.44	4.48	--	
		24-May-00	2.26	4.66	--	
		10-Jul-00	2.88	4.04	--	
		31-Aug-00	3.17	3.75	--	
		11-Jan-01	3.10	3.82	--	
MW-5	5.79	13-May-98	1.05	4.74	--	2
		16-Dec-98	1.95	3.84	--	
		26-Feb-99	1.50	4.29	--	
		20-May-99	2.05	3.74	--	
		17-Aug-99	2.30	3.49	--	
		11-Nov-99	2.34	3.45	--	
		23-Mar-00	1.60	4.19	--	6
		25-Apr-00	1.87	3.92	--	6
		24-May-00	1.75	4.04	--	6

Table 1. Groundwater Elevations
Quarterly Groundwater Monitoring Report
United Airlines Hangar Area - Economy Parking Lot Site
Oakland International Airport

Well Name	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Groundwater Elevation (feet)	Product Thickness (feet)	Note
		10-Jul-00	2.22	3.57	–	6
MW-5		31-Aug-00	2.52	3.27	–	6
		11-Jan-01	NM	–	–	6,7
MW-6	6.39	13-May-98	1.91	4.48	–	2
		16-Dec-98	2.64	3.75	–	
		26-Feb-99	1.89	4.50	–	
		20-May-99	2.65	3.74	–	
		17-Aug-99	3.03	3.36	–	
		11-Nov-99	3.07	3.32	–	
		23-Mar-00	2.34	4.05	–	
		25-Apr-00	2.50	3.89	–	
		24-May-00	2.44	3.95	–	
		10-Jul-00	2.88	3.51	–	
		31-Aug-00	3.12	3.27	–	
		11-Jan-01	2.76	3.63	–	
MW-7	5.86	13-May-98	1.51	4.35	–	2
		16-Dec-98	2.13	3.73	–	
		26-Feb-99	1.58	4.28	–	
		20-May-99	2.23	3.63	–	
		17-Aug-99	2.57	3.29	–	
		11-Nov-99	2.57	3.29	–	
		23-Mar-00	1.90	3.96	–	
		25-Apr-00	2.16	3.70	–	
		24-May-00	2.06	3.80	–	
		10-Jul-00	2.44	3.42	–	
		31-Aug-00	2.63	3.23	–	
		11-Jan-01	2.33	3.53	–	
MW-8	7.56	13-May-98	2.46	5.10	–	2
		16-Dec-98	3.51	4.05	–	
		26-Feb-99	2.59	4.97	–	
		20-May-99	3.06	4.50	–	
		17-Aug-99	3.75	3.81	–	
		11-Nov-99	4.04	3.52	–	
		23-Mar-00	2.63	4.93	–	
		25-Apr-00	3.02	4.54	–	
		24-May-00	2.78	4.78	–	
		10-Jul-00	3.48	4.08	–	
		31-Aug-00	3.85	3.71	–	
		11-Jan-01	3.42	4.14	–	

Notes

1 - Data from Table 1-Results of Groundwater Sampling and Analysis, Port of Oakland, Oakland International Airport, United Airlines Hanger Area-Economy Parking Lot Site, by ITSI

2 - Data from Table 1of Results of Additional Site Investigation, Port of Oakland, Oakland International Airport, United Airlines Hanger Area-Economy Parking Lot Site, dated Oct. 21, 1988 by ITSI

3 - Groundwater elevation calculated assuming a specific gravity of 0.75 for product.

4 - Free product removed from well during redevelopment (July 30, 1997).

5 - Well MW-2 was reconstructed in May 1998.

6 - Well MW-5 was damaged during construction activities in February 2000, top of casing elevation may have been affected.

7 - The well cap was broken upon arrival. It appears that the well box that was damaged in February 2000 is settling and becoming more damaged as the buses drive over it. The rain water was flowing into the well box and into the well.

Table 2. Groundwater Analytical Results - Petroleum Hydrocarbons
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking
Oakland International Airport

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TPHg (µg/L)	TPH Diesel (C1-C-22) (µg/L)	TPH Jet Fuel A (C9-C16) (µg/L)	TPH Motor Oil (>C16) (µg/L)	Unidentified Extractable Hydrocarbons (µg/L)	Note
MW-1	05/15/92	<0.4	<0.3	<0.3	<0.4	--	<50	--	--	--	--	1
	08/07/92	<0.4	<0.3	<0.3	<0.4	--	<50	--	800	--	--	1
	11/24/92	<0.4	<0.3	<0.3	<0.4	--	<50	--	<50	--	--	1
	02/12/93	<0.4	<0.3	<0.3	<0.4	--	<50	--	--	--	--	1
	05/17/93	<0.4	<0.3	<0.3	<0.4	--	<50	--	--	--	--	1
	08/03/93	<0.5	<0.5	<0.5	<0.5	--	<50	5,200	--	--	--	1
	11/25/93	<0.5	<0.5	<0.5	0.6	--	70	--	--	--	--	1
	05/09/94	<0.5	<0.5	<0.5	<0.5	--	<50	--	--	--	--	1
	08/29/94	<0.5	<0.5	2.7	<0.5	--	<50	--	--	--	--	1
	04/25/95	<5	<5	<5	<5	--	<50	1,400	<50	610	--	1
	08/11/95	<0.4	<0.3	<0.3	<0.4	--	<50	1,900	<50	1,200	--	1
	11/03/95	0.4	0.4	<0.3	<0.4	--	<50	4,200	<50	1,800	--	1
	06/19/96	0.99	<0.5	1.1	<1.0	--	<50	11,000	<500	820	--	1
	10/24/96	1.9	<0.5	<0.5	1.3	--	57	<250	<500	<250	--	1
	01/22/97	<0.5	<0.5	<0.5	<1.0	--	<50	220	<500	<250	--	1
	04/25/97	1.2	<0.5	1.0	1.2	--	110	<50	<500	<250	--	1
	08/06/97	2.1	<0.5	<0.5	<1.0	--	100	340	<500	<250	--	1
	12/23/97	0.7	<0.5	<0.5	<1.0	--	<50	<50	<50	<300	--	1
	03/26/98	<0.5	<0.5	<0.5	<1.0	--	<50	<48	<48	<290	--	2
	12/16/98	1.8	<0.5	<0.5	<0.5	<2.5	120	640	<50	<250	340	--
	02/26/99	0.96	<0.5	<0.5	<0.5	2.6	69	670	<50	350	<50	4
	05/20/99	1.7	<0.5	<0.5	<0.5	<2.5	85	380	<50	<250	<50	--
	08/17/99	2.6	0.52	<0.5	<0.5	<2.5	54	530	<50	<500	--	--
	11/11/99	2.5	<0.5	<0.5	<0.5	<2.5	96	1,100	<50	<250	--	--
	03/23/00	1.7	<0.5	<0.5	<0.5	3.2	--	1,100	<50	1,100	--	8
	04/25/00	--	--	--	--	--	60	--	--	--	--	8
	05/24/00	2.5	<0.5	<0.5	<0.5	<2.5	76	670	410	<250	--	--
	08/31/00	3.3	<0.5	<0.5	0.89	<2.5	84	600	320	430	--	--
	01/11/01	3.0	<0.5	<0.5	<0.5	<2.5	63	440	170	290	--	11, 12
MW-2	04/25/95	340	570	110	580	--	5,200	<10,000	13,000	19,000	--	1
	08/11/95	320	680	110	510	--	5,500	<8,000	7,900	20,000	--	1
	11/03/95	200	400	27	360	--	3,800	<11,000	11,000	4,200	--	1
	06/19/96	--[3]	--[3]	--[3]	--[3]	--	--[3]	--[3]	--[3]	--[3]	--	1
	10/24/96	--[3]	--[3]	--[3]	--[3]	--	--[3]	--[3]	--[3]	--[3]	--	1
	01/22/97	--[3]	--[3]	--[3]	--[3]	--	--[3]	--[3]	--[3]	--[3]	--	1
	04/25/97	--[3]	--[3]	--[3]	--[3]	--	--[3]	--[3]	--[3]	--[3]	--	1
	08/06/97	170	270	92	410	--	9,900	12,000	<1,000	2,300	--	1

Table 2. Groundwater Analytical Results - Petroleum Hydrocarbons
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Oakland International Airport

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl - benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TPHg (µg/L)	TPH Diesel (C1-C-22) (µg/L)	TPH Jet Fuel A (C9-C16) (µg/L)	TPH Motor Oil (>C16) (µg/L)	Unidentified Extractable Hydrocarbons (µg/L)	Note
	12/23/97	--[3]	--[3]	--[3]	--[3]	--	--[3]	--[3]	--[3]	--[3]	--	1
	03/26/98	--[3]	--[3]	--[3]	--[3]	--	--[3]	--[3]	--[3]	--[3]	--	1
	05/13/98	150	270	94	440	--	4,000	2,600	3,400	<290	--	2,3,4
	12/16/98	130	180	71	330	<50	4,600	<1,000	31,000	8,200	<1,000	--
	02/26/99	86	210	64	350	<100	4,700	<1,000	18,000	7,800	<1,000	--
MW-2	05/20/99	120	280	76	360	<2.5	4,700	<50	15,000	5,800	<50	--
	08/17/99	55	44	57	200	<2.5	17,000	<1000	22,000	<10000	--	--
	11/11/99	60	37	78	190	<2.5	3,800	<500	10,000	<2500	--	--
	03/23/00	92	180	97	310	<25	--	<500	36,000	26,000	--	8
	04/25/00	--	--	--	--	--	7,600	--	--	--	--	8
	05/24/00	100	180	96	310	<50	3,200	8,000	8,100	4,200	--	--
	08/31/00	50	18	77	160	<50	3,200	4,900	4,000	1,800	--	--
	01/11/01	45	34	72	130	<130	2,700	21,000	18,000	6,700	--	12, 13
MW-3	04/25/95	150	600	100	580	--	7,200	<40000	38,000	31,000	--	1
	08/11/95	--	--	--	--	--	--	--	--	--	--	1,5
	11/03/95	--	--	--	--	--	--	--	--	--	--	1,5
	06/19/96	--	--	--	--	--	--	--	--	--	--	1,5
	10/24/96	--	--	--	--	--	--	--	--	--	--	1,5
	01/22/97	--	--	--	--	--	--	--	--	--	--	1,5
	04/25/97	--	--	--	--	--	--	--	--	--	--	1,5
	08/06/97	4	16	14	90	--	4,200	1,400	<500	<250	--	1,5
	12/23/97	13	16	9	116	--	2,200	79,000	110,000	8,200	--	1,5
	03/26/98	--	--	--	--	--	--	--	--	--	--	2,5
	12/16/98	<10	12	<10	43	<50	2,300	--	--	--	--	7
	02/26/99	16	16	10	40	<100	5,700	--	--	--	--	7
	05/20/99	20	25	7.8	37	<2.5	2,700	--	--	--	--	7
	08/17/99	14	<0.5	<0.5	15	<2.5	2,100	--	--	--	--	7
	11/11/99	7.8	<0.5	<0.5	17	<2.5	3,300	--	--	--	--	7
	03/23/00	13	20	16	48	<50	--	--	--	--	--	8
	04/25/00	--	--	--	--	--	8,000	6,200	7,100	4,600	--	8
	05/24/00	4.6	6.4	6.3	23	<13	6,300	6,200	7,100	4,600	--	--
	08/31/00	<25	<25	<25	<25	<130	2,800	6,600	6,300	2,100	--	--
	01/11/01	2.3	1.1	1.7	5.7	<5	2,400	7,200	4,000	2,300	--	11, 14
MW-4	05/13/98	9.8	23	13	79	--	1,400	2,000	2,300	<310	--	2,3,4
	12/16/98	<10	<10	<10	58	<50	1,900	<1,000	40,000	8,800	<1,000	--
(Dup)	12/16/98	<10	<10	<10	51	<50	1,700	<1,000	41,000	9,400	<1,000	--
	02/26/99	13	<10	<10	22	<50	1,200	<500	5,500	<2,500	<500	--

Table 2. Groundwater Analytical Results - Petroleum Hydrocarbons
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Oakland International Airport

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TPHg (µg/L)	TPH Diesel (C1-C-22) (µg/L)	TPH Jet Fuel A (C9-C16) (µg/L)	TPH Motor Oil (>C16) (µg/L)	Unidentified Extractable Hydrocarbons (µg/L)	Note
(Dup)	02/26/99	16	<2.5	6.2	20	<10	1,200	<500	5,200	<2,500	<500	--
	05/20/99	16	0.83	3.0	10	5.5	670	<50	1,900	560	<50	--
(Dup)	05/20/99	15	0.78	3.0	11	5.4	1,100	<50	1,200	290	<50	--
MW-4	08/17/99	22	<0.5	<0.5	<0.5	<2.5	1,000	<50	2,000	<500	<50	--
(Dup)	08/17/99	24	3.10	3.2	16	<2.5	690	<50	1,700	<500	--	--
	11/01/99	11	<0.5	<0.5	12	<2.5	1,600	<50	2,400	<50	--	--
(Dup)	11/01/99	11	1.40	2.7	16	<2.5	1,300	<50	1,800	<50	--	--
	03/23/00	10	0.95	2.0	12	<2.5	--	2,800	<50	2,200	--	8
(Dup)	03/23/00	10	0.81	2.0	12	<2.5	--	2,800	<50	2,100	--	8
	04/25/00	--	--	--	--	--	1,200	--	--	--	--	8
MW-4 (Dup)	04/25/00	--	--	--	--	--	630	--	--	--	--	8
	05/24/00	14	<1.0	2.3	13	<5.0	690	2,500	2,100	1,800	--	--
(Dup)	05/24/00	13	<1.0	2.8	15	<5.0	560	3,100	2,600	2,200	--	--
	08/31/00	22	<1.3	3.1	13	<6.3	700	2,300	1,800	1,000	--	--
(Dup)	08/31/00	21	<1.3	2.8	13	11	550	2,500	2,000	1,000	--	10
	01/11/01	15	<2.5	3.3	4.5	<13	860	3,300	2,700	1,400	--	11, 12
MW-5	05/13/98	<0.5	<0.5	<0.5	<1.0	--	<50	<50	<50	<300	--	2
	12/16/98	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	260	--
	02/26/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	69	<50	<250	<50	--
	05/20/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	<50	--
	08/17/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	79	<50	<500	--	--
	11/11/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	93	<50	<250	--	--
	03/23/00	<0.5	<0.5	<0.5	<0.5	<2.5	--	140	<50	530	--	8
	04/25/00	--	--	--	--	--	<50	--	--	--	--	8
	05/24/00	<0.5	<0.5	<0.5	<0.5	<2.5	<50	73	<50	400	--	--
	08/31/00	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	--	--
	01/11/01	<0.5	<0.5	<0.5	<0.5	<2.5	<50	80	<50	300	--	
MW-6	05/13/98	<0.5	<0.5	<0.5	<1.0	--	<50	<48	<48	<290	--	2
	12/16/98	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	<50	--
	02/26/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	83	<50	<250	<50	--
	05/20/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	<50	--
	08/17/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	72	<50	<500	--	--
	11/11/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	93	<50	<250	--	--
	03/23/00	<0.5	<0.5	<0.5	<0.5	<2.5	--	120	<50	280	--	8
	04/25/00	--	--	--	--	--	<50	--	--	--	--	8
	05/24/00	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	--	--
	08/31/00	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	--	--

Table 2. Groundwater Analytical Results - Petroleum Hydrocarbons
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking
Oakland International Airport

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl - benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TPHg (µg/L)	TPH Diesel (C1-C-22) (µg/L)	TPH Jet Fuel A (C9-C16) (µg/L)	TPH Motor Oil (>C16) (µg/L)	Unidentified Extractable Hydrocarbons (µg/L)	Note
	01/11/01	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	--	--
MW-7	05/13/98	<0.5	0.6	<0.5	<1.0	--	<50	<51	<51	<310	--	2
	12/16/98	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	<50	--
	02/26/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	<50	--
	05/20/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	<50	--
	08/17/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	52	<50	<500	--	--
	11/11/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	--	--
	03/23/00	<0.5	<0.5	<0.5	<0.5	<2.5	--	<50	<50	<250	--	8
	04/25/00	--	--	--	--	--	<50	--	--	--	--	8
	05/24/00	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	--	--
	08/31/00	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	--	--
	01/11/01	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	--	--
MW-8	05/13/98	2	<0.5	<0.5	<1.0	--	<50	<47	<47	<280	--	2
	12/16/98	4.1	<0.5	<0.5	<0.5	2.9	53	<50	200	<250	<50	6
	02/26/99	3.5	<0.5	<0.5	<0.5	2.7	<50	<50	<50	<250	<50	6
MW-8	05/20/99	2.8	<0.5	<0.5	<0.5	<2.5	<50	150	<50	<250	<50	--
	08/17/99	3.5	<0.5	<0.5	<0.5	2.9	51	190	<50	<250	--	--
	11/11/99	3.0	<0.5	<0.5	<0.5	3.2	<50	310	<50	<250	--	--
	03/23/00	2.1	<0.5	<0.5	<0.5	<2.5	--	450	<50	530	--	8
	04/25/00	--	--	--	--	--	77	--	--	--	--	8
	05/24/00	2.0	1.3	<0.5	<0.5	<2.5	53	130	<50	<250	--	--
	08/31/00	1.9	<0.5	<0.5	<0.5	2.9	<50	120	71	<250	--	9
	01/11/01	1.4	<0.5	<0.5	<0.5	<2.5	<50	82	<50	<250	--	--
(Dup.)	01/11/01	1.4	<0.5	<0.5	<0.5	<2.5	<50	90	<50	<250	--	--
MCLs		1.0	150	700	1,750	--	--	--	--	--	--	--

Note:

1 - Data from Table 2-Summary of Laboratory Results Tanks MF25 and MF26 (United Airlines Hanger Area - Economy Parking Lot Site) Metropolitan Oakland International Airport (MOIA), 1100 Airport Drive, Oakland California by ITSI.

2 - Data from Table 3 of Results of Additional Site Investigation, Port of Oakland, Oakland International Airport, United Airlines Hanger Area-Economy Parking Lot Site, dated October 21, 1998 by ITSI dated October 21, 1998 by ITSI

3 - Hydrocarbons for TPHd do not match profile for laboratory standards

4 - Hydrocarbons for TPHd are lighter than indicated standard

5 - Not analyzed due to the presence of free product

6 - MTBE detected by GC methods at slightly over reporting limit has not been confirmed by MS.

7 - MW-3 has slow recovery so not enough water could be collected for all analysis.

8 - Due to an oversight TPH gas was not analyzed for in the March sampling event, the wells were resampled in April.

Table 2. Groundwater Analytical Results - Petroleum Hydrocarbons
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking
Oakland International Airport

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl - benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TPHg (µg/L)	TPH Diesel (C1-C-22) (µg/L)	TPH Jet Fuel A (C9-C16) (µg/L)	TPH Motor Oil (>C16) (µg/L)	Unidentified Extractable Hydrocarbons (µg/L)	Note

9 - The surrogate recovery for this sample can not be accurately quantified due to interference from coeluting organic compounds.
10 - The laboratory indicated that continuing calibration indicated that the quantitative result for MTBE includes a greater than 15% degree of uncertainty.
11- TPH jet A chromatogram pattern is unidentified hydrocarbons C9-C24.
12 - The motor oil chromatogram pattern is unidentified hydrocarbons greater than C16.
13 - The diesel chromatogram pattern is unidentified hydrocarbons C9-C24.
14 - TPH gas, BTEX and MTBE analyzed one day past holding time.
MCLs - Maximum Contaminant Levels
▒▒▒▒▒▒ - Shaded areas indicate detected concentration exceeds MCL.

Table 3. Groundwater Analytical Results - VOCs
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking Lot
Oakland International Airport

Monitoring Well ID	Date	Acetone (µg/L)	2-Butanone (µg/L)	Chloroform (µg/L)	1,1-DCA (µg/L)	(cis/trans) 1,2-DCE (µg/L)	4-Methyl-2-Pentanone (µg/L)	1,1,1-TCA (µg/L)	TCE (µg/L)	PCE (µg/L)	Chloro-ethane (µg/L)	1,2-DCA (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)	Notes
MW-1	11/24/92	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	1
	02/12/93	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	1
	05/17/93	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	1
	08/03/93	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	1
	11/25/93	ND	ND	ND	ND	6.0	ND	ND	ND	ND	--	--	--	--	1
	05/09/94	ND	ND	ND	ND	ND	ND	ND	ND	5.5	--	--	--	--	1
	09/27/94	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	1
	01/25/95	<20	<20	<5	<5	<5	<20	--	--	<5	--	--	--	--	1
	08/11/95	--	--	<0.5	4.3	13	--	2.0	1.8	0.6	--	--	--	--	1
	11/03/95	--	--	<0.5	1.3	3.7	--	0.6	0.5	<0.5	--	--	--	--	1
	06/19/96	--	--	<0.5	5.4	<0.5	--	<0.5	1.2	<0.5	--	--	--	--	1
	10/24/96	--	--	<0.5	12	<1.0	--	<0.5	1.4	<0.5	--	--	--	--	1
	01/22/97	--	--	<0.5	3.9	8.4	--	<0.5	1.7	<0.5	--	--	--	--	1
	04/25/97	--	--	<0.5	6.2	10	--	<0.5	1.2	0.62	--	--	--	--	1
	08/06/97	--	--	<0.5	14	19	--	<0.5	2.5	0.54	--	--	--	--	1
	12/23/97	--	--	<1.0	6.6	9.3	--	<1.0	<1.0	<1.0	--	--	--	--	1
	03/26/98	--	--	<1.0	5.3	8.1	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	3
	12/16/98	--	--	<0.5	20	18	--	<0.5	<0.5	<0.5	<1.0	<0.5	1.5	<1.0	--
	02/26/99	--	--	<0.5	15	9.8	--	2.9	<0.5	<0.5	<1.0	<0.5	0.79	<1.0	--
	05/20/99	--	--	<0.5	22	17	--	<0.5	<0.5	<0.5	<1.0	<0.5	1.5	1.2	--
	08/17/99	--	--	<0.5	23	15	--	<0.5	<0.5	<0.5	<1.0	<0.5	2.1	<1.0	--
	11/11/99	--	--	<0.5	21	19	--	<0.5	<0.5	<0.5	<1.0	<0.5	1.5	<1.0	--
	03/23/00	--	--	<1.0	24	11	--	<1.0	<1.0	<1.0	<1.0	<2.0	1.3	<1.0	--
	05/24/00	--	--	<1.0	24	11	--	<1.0	<1.0	<1.0	<1.0	<2.0	1.3	<1.0	6
	07/10/00	--	--	<1.0	30	16	--	<1.0	<1.0	<1.0	<1.0	<2.0	2.2	<1.0	6
	08/31/00	--	--	<1.0	30	18	--	<1.0	<1.0	<1.0	<1.0	<2.0	3.1	<1.0	--
	01/11/01	--	--	<1.0	32	11	--	<1.0	<1.0	<1.0	<1.0	<1.6	2.4	<1.0	--
MW-2	04/25/95	<200	200	<50	50	<50	<200	--	--	<50	--	--	--	--	1
	08/11/95	--	--	5.0	79	26	--	20	4.0	9.0	--	--	--	--	1
	11/03/95	--	--	<0.5	73	24	--	4.8	6.7	6.8	--	--	--	--	1
	06/19/96	--	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	10/24/96	--	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	01/22/97	--	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	04/25/97	--	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	08/06/97	--	--	<5	69	160	--	<5	<12	<5	--	--	--	--	1
	12/23/97	--	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	03/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	05/13/98	--	--	--	51	140	--	--	ND	<1.0	3.4	<1.0	<1.0	<2.0	3
	12/16/98	--	--	<5.0	58	220	--	<2.5	<2.5	<2.5	<1.0	<2.5	<2.5	<5.0	--
	02/26/99	--	--	<1.3	19	57	--	2.9	<1.3	<1.3	<2.5	<1.3	<1.3	<2.5	--

Table 3. Groundwater Analytical Results - VOCs
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking Lot
Oakland International Airport

Monitoring Well ID	Date	Acetone (µg/L)	2-Butanone (µg/L)	Chloroform (µg/L)	1,1-DCA (µg/L)	(cis/trans) 1,2-DCE (µg/L)	4-Methyl-2-Pentanone (µg/L)	1,1,1-TCA (µg/L)	TCE (µg/L)	PCE (µg/L)	Chloro-ethane (µg/L)	1,2-DCA (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)	Notes
MW-2	05/20/99	--	--	<0.5	63	191.5	--	5.8	1.1	1.5	4.4	<0.5	0.82	<1.0	--
	08/17/99	--	--	<2.5	70	140	--	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	--
	11/11/99	--	--	<2.5	48	180	--	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	--
	03/23/00	--	--	<5.0	55	160	--	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	--
	05/24/00	--	--	<5.0	55	160	--	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	6
	07/10/00	--	--	<5.0	95	240	--	<5.0	<5.0	<5.0	5.5	<10	<5.0	<5.0	6
	08/31/00	--	--	<1.0	70	150	--	<1.0	<1.0	<1.0	5.0	<2.0	<1.0	<1.0	--
	01/11/01	--	--	<1.0	43	60	--	<1.0	<2.0	<0.6	3.4	<1.6	<1.0	<1.0	--
MW-3	04/25/95	300	300	--	30	<30	200	--	--	<30	--	--	--	--	1
	08/11/95	--	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	11/03/95	--	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	06/19/96	--	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	10/24/96	--	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	01/22/97	--	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	04/25/97	--	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	08/06/97	--	--	2.1	3.8	<0.5	--	<0.5	<1.2	0.62	--	--	--	--	1
	12/23/97	--	--	<1.0	4.2	<1.0	--	<1.0	<1.0	<1.0	--	--	--	--	1
	03/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	3,2
	12/16/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4
	02/26/99	--	--	<0.5	4.4	<0.5	--	1.6	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
	05/20/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4
	08/17/99	NA	NA	<0.5	3.6	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
	11/11/99	--	--	<0.5	3.2	<0.5	--	2.4	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
	03/23/00	--	--	<1.0	4.8	<1.0	--	<1.0	<1.0	<1.0	1.8	<2.0	<1.0	<1.0	--
	05/24/00	--	--	<1.0	4.8	<1.0	--	<1.0	<1.0	<1.0	1.8	<2.0	<1.0	<1.0	6
	07/10/00	--	--	<1.0	9.8	<1.0	--	<1.0	<1.0	<1.0	1.1	<2.0	<1.0	<1.0	6
	08/31/00	--	--	<1.0	9	<1.0	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--
	01/11/01	--	--	<1.0	<1.6	<1.0	--	<1.0	<2.0	<0.6	<1.2	<1.6	3.1	<1.0	--
MW-4	05/13/98	--	--	--	31	9.9	--	--	--	2.8	2.8	<1.0	<1.0	<2.0	3
	12/16/98	--	--	<0.5	53	17	--	<5.0	<0.5	0.94	6.8	<0.5	1.6	<1.0	--
(Dup)	12/16/98	--	--	<0.5	52	14	--	<5.0	<0.5	0.88	4.4	<0.5	1.2	<1.0	--
	02/26/99	--	--	<0.5	39	28	--	1.4	<0.5	0.97	6.5	<0.5	<0.5	<1.0	--
(Dup)	02/26/99	--	--	<0.5	43	36	--	1.7	<0.5	1.3	8.3	<0.5	2.8	<1.0	--
	05/20/99	--	--	<0.5	45	42.1	--	<0.5	0.54	1.7	8.9	<0.5	2.8	<1.0	--
(Dup)	05/20/99	--	--	<0.5	48	39.4	--	3.9	0.59	1.9	8.6	<0.5	2.5	<1.0	--
	08/17/99	--	--	<0.5	37	22	--	<0.5	0.7	1.8	4.3	<0.5	2	<1.0	--
(Dup)	08/17/99	--	--	<0.5	45	0.77	--	<0.5	5.5	2	13	<0.5	2.8	<1.0	--
	11/11/99	--	--	<0.5	34	22	--	<0.5	<0.5	0.76	6.9	<0.5	1.1	<1.0	--
(Dup)	11/11/99	--	--	<0.5	36	23	--	<0.5	<0.5	0.85	7.9	<0.5	1.1	<1.0	--
	03/23/00	--	--	<1.0	24	13	--	<1.0	<1.0	<1.0	4.1	<2.0	<1.0	<1.0	--

Table 3. Groundwater Analytical Results - VOCs
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking Lot
Oakland International Airport

Monitoring Well ID		Date	Acetone (µg/L)	2-Butanone (µg/L)	Chloroform (µg/L)	1,1-DCA (µg/L)	(cis/trans) 1,2-DCE (µg/L)	4-Methyl-2-Pentanone (µg/L)	1,1,1-TCA (µg/L)	TCE (µg/L)	PCE (µg/L)	Chloro-ethane (µg/L)	1,2-DCA (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)	Notes
MW-4	(Dup)	03/23/00	--	--	<1.0	26	14	--	<1.0	<1.0	1.1	5.5	<2.0	1.1	<1.0	--
		05/24/00	--	--	<1.0	24	13	--	<1.0	<1.0	<1.0	4.1	<2.0	<1.0	<1.0	--
	(Dup)	05/24/00	--	--	<1.0	26	14	--	<1.0	<1.0	1.1	5.5	<2.0	1.1	<1.0	--
		07/10/00	--	--	<2.5	48	25	--	<2.5	<2.5	<2.5	10	<5.0	<2.5	<2.5	6
	(Dup)	07/10/00	--	--	<2.5	35	18	--	<2.5	<2.5	<2.5	7.3	<5.0	<2.5	<2.5	6
		08/31/00	--	--	<1.0	50	32	--	<1.0	<1.0	<1.0	12	<2.0	1.9	<1.0	--
	(Dup)	08/31/00	--	--	<1.0	43	27	--	<1.0	<1.0	<1.0	9.9	<2.0	1.6	<1.0	--
		01/11/01	--	--	<1.0	42	25	--	<1.0	<2.0	<0.5	13	<1.6	2.8	<1.0	--
MW-5		05/13/98	--	--	--	<1.0	<1.0	--	--	--	<1.0	<2.0	<1.0	<1.0	<2.0	3
		12/16/98	--	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
		02/26/99	--	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
		05/20/99	--	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
		08/17/99	--	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
		11/11/99	--	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
		03/23/00	--	--	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--
		05/24/00	--	--	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	6
		07/10/00	--	--	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	6
		08/31/00	--	--	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--
		01/11/01	--	--	<1.0	<1.0	<1.0	--	<1.0	<2.0	<0.5	<1.0	<1.6	<1.0	<1.0	--
MW-6		05/13/98	--	--	--	<1.0	<1.0	--	--	--	<1.0	<2.0	<1.0	<1.0	<2.0	3
		12/16/98	--	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
		02/26/99	--	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
		05/20/99	--	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
		08/17/99	--	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
		11/11/99	--	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	--
		03/23/00	--	--	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--
		05/24/00	--	--	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	6
		07/10/00	--	--	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	6
		08/31/00	--	--	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--
		01/11/01	--	--	<1.0	<1.0	<1.0	--	<1.0	<2.0	<0.6	<1.0	<1.6	<1.0	<1.0	--
MW-7		05/13/98	--	--	--	8	<1.0	--	--	--	<1.0	<2.0	<1.0	3.4	<2.0	3
		12/16/98	--	--	<0.5	12	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	5.0	<1.0	--
		02/26/99	--	--	<0.5	15	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	6.8	<1.0	--
		05/20/99	--	--	<0.5	19	0.74	--	<0.5	<0.5	<0.5	<1.0	<0.5	7.3	<1.0	--
		08/17/99	--	--	<0.5	22	0.59	--	<0.5	<0.5	0.52	<1.0	<0.5	9.6	<1.0	--
		11/11/99	--	--	<0.5	17	<0.5	--	<0.5	<0.5	<0.5	<1.0	<0.5	6.8	<1.0	--
		03/23/00	--	--	<0.5	16	<1.0	--	<1.0	<1.0	<1.0	<1.0	<2.0	5.6	<1.0	--
		05/24/00	--	--	<0.5	16	<1.0	--	<1.0	<1.0	<1.0	<1.0	<2.0	5.6	<1.0	6
		07/10/00	--	--	<1.0	26	1.1	--	<1.0	<1.0	1.8	<1.0	<2.0	9.8	<1.0	6
		08/31/00	--	--	<1.0	22	1.2	--	<1.0	<1.0	1.1	<1.0	<2.0	9.5	<1.0	--

Table 3. Groundwater Analytical Results - VOCs
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking Lot
Oakland International Airport

Monitoring Well ID	Date	Acetone (µg/L)	2-Butanone (µg/L)	Chloroform (µg/L)	1,1-DCA (µg/L)	(cis/trans) 1,2-DCE (µg/L)	4-Methyl-2-Pentanone (µg/L)	1,1,1-TCA (µg/L)	TCE (µg/L)	PCE (µg/L)	Chloro-ethane (µg/L)	1,2-DCA (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)	Notes
MW-7	01/11/01	--	--	<1.0	18	<1.0	--	<1.0	<2.0	1.5	<1.0	<1.6	7.7	<1.0	--
MW-8	05/13/98	--	--	--	180	1.9	--	--	--	<1.0	<2.0	2.7	180	6.0	3
	12/16/98	--	--	<0.5	440	1.2	--	<0.5	<0.5	<0.5	<1.0	10	520	6.6	--
	02/26/99	--	--	<2.5	390	<2.5	--	<2.5	<2.5	<2.5	<5.0	6.9	490	10	--
	05/20/99	--	--	<0.5	410	1.2	--	<0.5	<0.5	<0.5	<1.0	8.3	480	3.9	--
	08/17/99	--	--	<2.5	500	<2.5	--	<2.5	<2.5	<2.5	<5	11	700	<5.0	--
	11/11/99	--	--	<5.0	300	<5.0	--	<5.0	<5.0	<5.0	<10	7.5	340	<10	--
	03/23/00	--	--	<10	240	<10	--	<10	<10	<10	<10	<20	230	<10	5
	05/24/00	--	--	<10	240	<10	--	<10	<10	<10	<10	<20	230	<10	6
	07/10/00	--	--	<10	380	<10	--	<10	<10	<10	<10	<20	420	<10	6
	08/31/00	--	--	<10	310	<10	--	<10	<10	<10	<10	<20	380	<10	--
	01/11/01	--	--	<10	260	<10	--	<10	<20	<6.0	<10	<16	300	<10	--
(Dup)	01/11/01	--	--	<10	250	<10	--	<10	<20	<6.0	<10	<16	290	<10	--
MCLs (California/Fed)		--	--	--	5/-	6/70	--	--	5/5	5/5	--	0.5/5	6/7	0.5/2	

1 - Data from Table 3-Summary of Laboratory Results for Volatile Organic Compounds Tanks MF25 and MF26 (United Airlines Hanger Area - Economy Parking Lot Site) Metropolitan Oakland International Airport (MOIA), 1100 Airport Drive, Oakland California by ITSI.

2 - Not sampled due to the presence of free product in monitoring well.

3 - Data from Table 4 of Results of Additional Site Investigation, Port of Oakland, Oakland International Airport, United Airlines Hanger Area - Economy Parking Lot Site, dated October 21, 1998 by ITSI

4 - MW-3 has slow recovery so not enough water could be collected for all analysis.

5 - A suspected lab contaminant, methylene chloride was detected at a concentration of 15 µg/L

6 - Due to an oversight, VOCs were not sampled during the May sampling event but were sampled on July 10, 2000.

MCLs - Maximum Contaminant Levels

- Shaded areas indicate detected concentration exceeds MCL.

Table 4. Groundwater Analytical Results - Inorganics
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking
Oakland International Airport

Monitoring Well ID	Date	Ferrous Iron Fe^{+2} (mg/L)	Ferric Iron Fe^{+3} (mg/L)	Total Iron (mg/L)	Nitrate NO_3 (mg/L)	Sulfate (mg/L)	Ortho-phosphate PO_4 (mg/L)	TDS (mg/L)	TOC (mg/L)	Redox (millivolts)	Notes
MW-1	05/15/92	--	--	--	--	--	--	5,900	<5	--	1
	08/07/92	--	--	--	--	--	--	--	<5	--	1
	11/24/92	--	--	--	--	--	--	--	<5	--	1
	02/12/93	--	--	--	--	--	--	--	<5	--	1
	05/17/93	--	--	--	--	--	--	4,100	<5	--	1
	08/03/93	--	--	--	--	--	--	7,700	<5	--	1
	11/25/93	--	--	--	--	--	--	3,790	<5	--	1
	05/09/94	--	--	--	--	--	--	9,600	<0.93	--	1
	08/29/94	--	--	--	--	--	--	3,900	<1.0	--	1
	04/25/95	--	--	--	--	--	--	4,000	--	--	1
	08/11/95	--	--	--	--	--	--	8,500	--	--	1
	11/03/95	--	--	--	--	--	--	6,600	--	--	1
	06/19/96	--	--	--	--	--	--	3,040	--	--	1
	10/24/96	--	--	--	--	--	--	3,090	--	--	1
	01/22/97	--	--	--	--	--	--	4,240	--	--	1
	04/25/97	--	--	--	--	--	--	2,770	--	--	1
	08/06/97	--	--	--	--	--	--	2,430	--	--	1
	12/23/97	<0.2	3.9	--	<0.2	120	--	3,570	--	--	1
	03/26/98	0.41	2.1	--	<0.2	110	--	3,240	--	--	3
	12/16/98	--	--	3.3	<0.1	70	<0.5	--	32	40	--
	02/26/99	0.21	--	0.57	<0.1	110	1.1	--	30	147	--
	05/20/99	0.26	1.2	--	<0.1	97	1.5	--	22	96	--
	08/17/99	0.31	--	0.88	<0.1	100	1.3	--	74	151	--
	11/11/99	0.27	--	0.96	<0.1	110	1.3	--	108	57	--
	03/23/00	0.65	--	1.5	<0.1	53	<0.5	--	16.6	79	--
	04/25/00	--	--	--	--	--	--	--	--	90	--
	05/24/00	0.78	--	0.74	<0.1	35	<0.5	--	21.5	84	--
	07/10/00	--	--	--	--	--	--	--	--	193	--
	08/31/00	0.024	1.4	1.424 *	<1.0	59	<5.0	--	63.3	142	--
	01/11/01	0.33	1.5	1.90	<0.1	46	<0.5	--	21.6	127	--
MW-2	04/25/95	--	--	--	--	--	--	1,700	--	--	1
	08/11/95	--	--	--	--	--	--	2,500	--	--	1
	11/03/95	--	--	--	--	--	--	2,000	--	--	1
	06/19/96	--	--	--	--	--	--	--	--	--	1
	10/24/96	--	--	--	--	--	--	--	--	--	1

Table 4. Groundwater Analytical Results - Inorganics
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking
Oakland International Airport

Monitoring Well ID	Date	Ferrous Iron Fe^{+2} (mg/L)	Ferric Iron Fe^{+3} (mg/L)	Total Iron (mg/L)	Nitrate NO_3 (mg/L)	Sulfate (mg/L)	Ortho-phosphate PO_4 (mg/L)	TDS (mg/L)	TOC (mg/L)	Redox (millivolts)	Notes
	01/22/97	--	--	--	--	--	--	--	--	--	1
MW-2	04/25/97	--	--	--	--	--	--	--	--	--	1
	08/06/97	--	--	--	--	--	--	--	--	--	1
	04/25/97	--	--	--	--	--	--	--	--	--	1
	12/23/97	--	--	--	--	--	--	--	--	--	1,2
	05/13/98	0.53	8.0	--	<0.05	12	0.72	3,240	--	123	3
	12/16/98	--	--	28	<0.1	21	<0.5	--	210	146	--
	02/26/99	17	--	36	<0.1	27	0.59	--	100	-235	--
	05/20/99	8.9	36	--	<0.1	2	<1.0	--	130	-124	--
	08/17/99	0.37	--	31	0.15	33	<0.5	--	210	-110	--
	11/11/99	0.1	--	17	<0.1	10	<0.5	--	214	-145	--
	03/23/00	9	--	36	<0.1	4	<0.5	--	103	-116	--
	04/25/00	--	--	--	--	--	--	--	--	-118	--
	05/24/00	4.7	--	19	<0.2	0.54	<1.0	--	110	-147	--
	07/10/00	--	--	--	--	--	--	--	--	-130	--
	08/31/00	2.7	9.6	12.3 *	<1.0	9.0	<5.0	--	141	-172	--
	01/11/01	12	8.5	21	<0.1	1.3	<0.5	--	142	264	--
MW-3	04/25/95	--	--	--	--	--	--	5,600	--	--	1
	08/11/95	--	--	--	--	--	--	--	--	--	1
	11/03/95	--	--	--	--	--	--	--	--	--	1
	06/19/96	--	--	--	--	--	--	--	--	--	1
	10/24/96	--	--	--	--	--	--	--	--	--	1
	01/22/97	--	--	--	--	--	--	--	--	--	1
	04/25/97	--	--	--	--	--	--	--	--	--	1
	08/06/97	--	--	--	--	--	--	15,100	--	--	1
	04/25/97	--	--	--	--	--	--	13,900	--	--	1
	12/23/97	--	--	--	--	--	--	--	--	--	1
	03/26/98	--	--	--	--	--	--	--	--	--	3,2
	12/16/98	--	--	--	--	--	--	--	240	157	4
	02/26/99	--	--	--	--	--	--	--	100	-142	4
	05/20/99	--	--	--	--	--	--	--	84	-125	4
	08/17/99	--	--	--	--	--	--	--	290	-156	4
	11/11/99	--	--	--	--	--	--	--	217	-272	4
	03/23/00	0.54	--	6.3	<1.0	380	4.7	--	102	-237	--
	04/25/00	--	--	--	--	--	--	--	--	-244	--

Table 4. Groundwater Analytical Results - Inorganics
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking
Oakland International Airport

Monitoring Well ID	Date	Ferrous Iron Fe^{+2} (mg/L)	Ferric Iron Fe^{+3} (mg/L)	Total Iron (mg/L)	Nitrate NO_3 (mg/L)	Sulfate (mg/L)	Ortho-phosphate PO_4 (mg/L)	TDS (mg/L)	TOC (mg/L)	Redox (millivolts)	Notes
	05/24/00	0.27	--	13	<0.1	43	<1.0	--	97.5	-279	--
MW-3	07/10/00	--	--	--	--	--	--	--	--	-225	--
	08/31/00	0.23	26	26.23 *	<1.0	640	<5.0	--	183	-369	--
	01/11/01	0.53	57	58	6.7	550	2.1	--	227	337	--
MW-4	05/13/98	0.53	2.9	--	<0.05	20	2.1	1,420	66	168	3
	12/16/98	--	--	13	<0.1	2.8	4.1	--	140	118	-
(Dup)	12/16/98	--	--	11	<0.1	2.6	4.6	--	110	118	--
	02/26/99	<0.01	--	2.7	1.6	56	2.8	--	60	81	--
(Dup)	02/26/99	<0.01	--	2.9	1.3	54	2.9	--	95	81	--
	05/20/99	<0.01	3.7	--	<0.1	44	3.3	--	36	89	--
(Dup)	05/20/99	<0.01	2.9	--	0.22	56	2.2	--	39	208	--
	08/17/99	0.36	--	0.91	<0.1	13	2.4	--	110	208	--
(Dup)	08/17/99	0.017	--	1.3	<0.1	14	2.4	--	130	208	--
	11/11/99	<0.01	--	1.1	<0.1	3	2.8	--	116	122	--
(Dup)	11/11/99	<0.01	--	0.89	<0.1	3	2.9	--	93.5	122	--
	03/23/00	0.091	--	2.8	1.0	36	3.2	--	62.5	122	--
(Dup)	03/23/00	0.14	--	2	1.1	33	3.5	--	51.4	112	--
	04/25/00	--	--	--	--	--	--	--	--	-204	--
	05/24/00	0.067	--	1.4	<0.1	21	5.0	--	45.7	-137	--
(Dup)	05/24/00	0.029	--	1.0	<0.1	19	4.4	--	52.3	-137	--
	07/10/00	--	--	--	--	--	--	--	--	-194	--
	08/31/00	<0.01	0.31	0.31 *	<1.0	6.4	<5.0	--	90.4	-121	--
(Dup)	08/31/00	0.054	0.34	0.394 *	<1.0	6.4	<5.0	--	96.2	-121	--
	01/11/01	<0.05	1.1	1.0	<0.10	16	5.3	--	115	--	--
MW-5	05/13/98	<0.2	0.7	--	0.36	250	0.47	2,300	20	150	3
	12/16/98	--	--	10	<0.1	340	0.57	--	32	46	--
	02/26/99	0.64	--	23	<0.1	260	1.2	--	22	230	--
	05/20/99	0.75	11	--	0.11	260	<1.0	--	15	209	--
	08/17/99	0.23	--	12	<0.1	350	<0.5	--	82	62	--
	11/11/99	0.046	--	2.9	<0.1	320	<0.5	--	94.5	-48	--
	03/23/00	8.6	--	74	<0.1	190	0.67	--	14.1	76	--
	04/25/00	--	--	--	--	--	--	--	--	-15	--
	05/24/00	3.9	--	5.3	<0.1	27	<0.5	--	17.7	23	--
	07/10/00	--	--	--	--	--	--	--	--	-121	--
	08/31/00	0.29	3.7	3.99 *	<1.0	220	<5.0	--	48.4	125	--

Table 4. Groundwater Analytical Results - Inorganics
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking
Oakland International Airport

Monitoring Well ID	Date	Ferrous Iron Fe^{+2} (mg/L)	Ferric Iron Fe^{+3} (mg/L)	Total Iron (mg/L)	Nitrate NO_3 (mg/L)	Sulfate (mg/L)	Ortho-phosphate PO_4 (mg/L)	TDS (mg/L)	TOC (mg/L)	Redox (millivolts)	Notes
	01/11/01	0.14	13	13	0.74	4.3	<0.5	--	5.11	211	--
MW-6	05/13/98	<0.2	0.69	--	2.1	400	0.15	4,240	13	126	3
	12/16/98	--	--	26	0.45	400	0.65	--	22	47	--
	02/26/99	0.44	--	16	4.3	380	0.89	--	42	262	--
	05/20/99	1.2	8.7	--	7.5	300	<1.0	--	22	227	--
	08/17/99	3.7	--	18	2.1	470	0.64	--	92	251	--
	11/11/99	0.15	--	12	0.91	440	0.58	--	103	216	--
	03/23/00	1.9	--	38	1.2	350	<0.5	--	22.3	133	--
	04/25/00	--	--	--	--	--	--	--	--	169	--
	05/24/00	0.67	--	0.12	1.8	290	0.53	--	27.2	172	--
	07/10/00	--	--	--	--	--	--	--	--	265	--
	08/31/00	0.13	11	11.13 *	<1.0	340	<5.0	--	72.5	262	--
	01/11/01	<0.05	2.7	2.6	0.74	350	1.0	--	26.3	206	--
MW-7	05/13/98	<0.2	0.62	--	0.9	100	<0.03	1,380	7	132	3
	12/16/98	--	--	19	6.9	100	0.53	--	7.7	159	--
	02/26/99	0.15	--	14	8.3	82	0.78	--	20	272	--
	05/20/99	0.89	13	--	4.3	160	<1.0	--	6.8	243	--
	08/17/99	0.52	--	12	3.4	160	0.68	--	38	200	--
	11/11/99	0.34	--	3.7	2.9	140	<0.5	--	49.6	137	--
	03/23/00	3.4	--	53	7.1	120	<0.5	--	7.2	205	--
	04/25/00	--	--	--	--	--	--	--	--	237	--
	05/24/00	0.25	--	0.52	7.8	71	0.73	--	4.59	201	--
	07/10/00	--	--	--	--	--	--	--	--	226	--
	08/31/00	0.23	6.5	6.73 *	4.8	120	<5.0	--	33.5	272	--
	01/11/01	<0.05	9	9.1	7.7	90	1.1	--	4.67	194	--
MW-8	05/13/98	<0.2	2.2	--	<0.5	500	0.08	8,300	99	60.4	3
	12/16/98	--	--	37	<0.1	360	<0.5	--	2.4	83	--
	02/26/99	0.076	--	26	<0.1	290	0.69	--	63	280	--
	05/20/99	2	26	--	17	440	<1.0	--	21	196	--
	08/17/99	1.4	--	3.8	<0.2	580	<1.0	--	150	-62	--
	11/11/99	<0.01	--	46	20	400	<0.5	--	163	-31	--
	03/23/00	1.6	--	41	<1.0	440	<5.0	--	17.2	-10	--
	04/25/00	--	--	--	--	--	--	--	--	-70	--
	05/24/00	0.074	--	1.2	<0.1	260	1.6	--	19.1	-85	--
	07/10/00	--	--	--	--	--	--	--	--	-74	--

Table 4. Groundwater Analytical Results - Inorganics
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking
Oakland International Airport

Monitoring Well ID	Date	Ferrous Iron Fe^{+2} (mg/L)	Ferric Iron Fe^{+3} (mg/L)	Total Iron (mg/L)	Nitrate NO_3 (mg/L)	Sulfate (mg/L)	Ortho-phosphate PO_4 (mg/L)	TDS (mg/L)	TOC (mg/L)	Redox (millivolts)	Notes
	08/31/00	<0.01	0.92	0.92 *	<1.0	440	<5.0	--	109	-21	--
MW-8	01/11/01	<0.05	8.6	8.5	3.0	280	<0.5	--	102	276	--
Dup	01/11/01	<0.05	4.8	4.7	3.6	240	<0.5	--	102	--	--

Notes

1 - Data from Table 4-Summary of Laboratory Results for Inorganic Analytes Tanks MF25 and MF26 (United Airlines Hanger Area - Economy Parking Lot Site) Metropolitan Oakland International Airport (MOIA), 1100 Airport Drive, Oakland California by ITSI.

2 - Not sampled due to presence of free product in monitoring well.

3 - Data from Table 5 of Results of Additional Site Investigation, Port of Oakland, Oakland International Airport, United Airlines Hanger Area Economy Parking Lot Site, dated October 21, 1998

4 - MW-3 has slow recovery so not enough water could be collected for all analysis.

* - Total iron is the ferrous iron plus the ferric iron.

Table 5 - Dissolved Oxygen Concentrations
Quarterly Groundwater Monitoring Report
United Airlines Hanger Economy Parking
Oakland International Airport

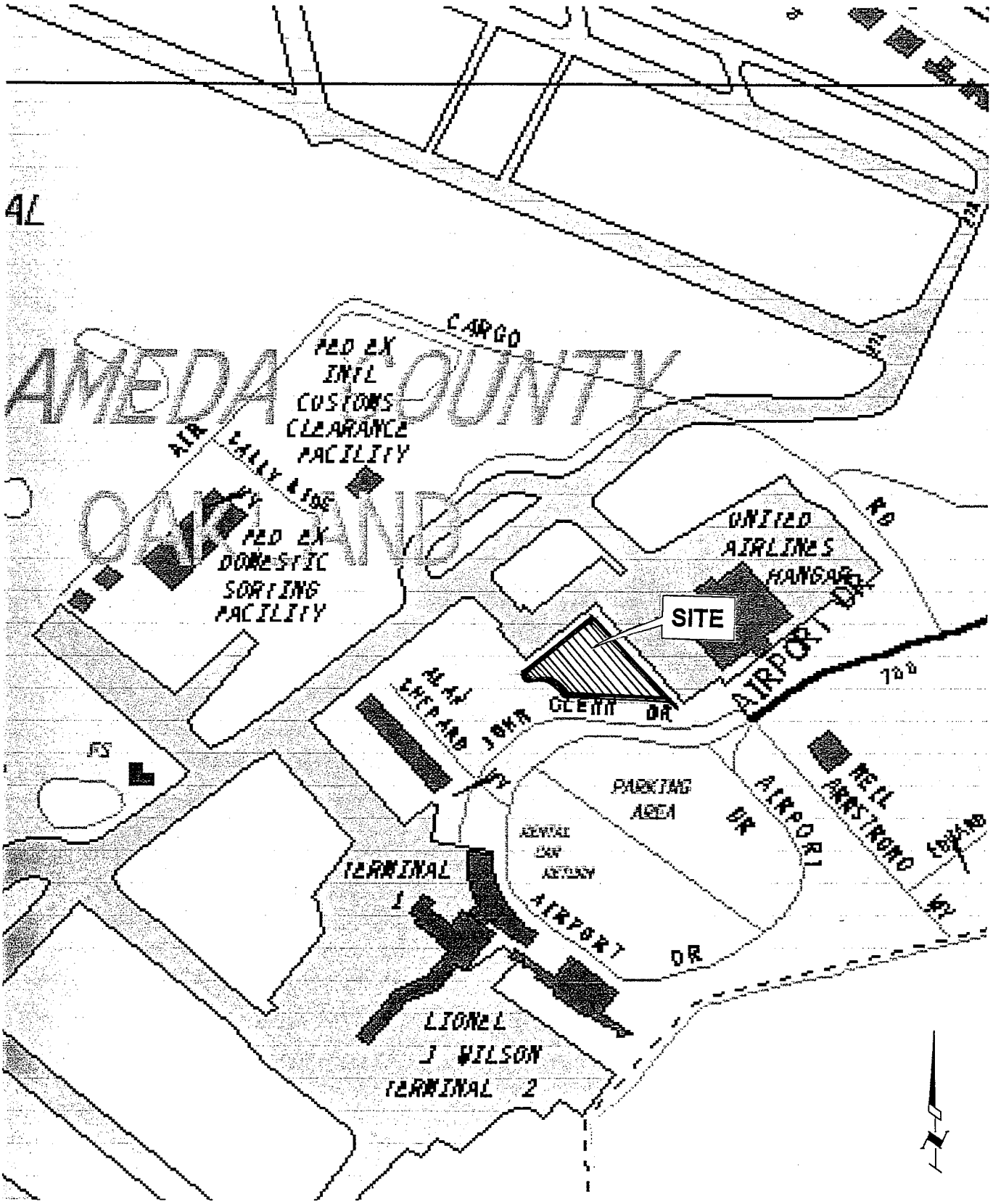
	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7		MW-8
16-Dec-98	2.0		1.2		0.5		1.2		2.0		1.1		2.4		0.8
23-Dec-98		ORC injected in former UST cavity.													
6-Jan-99	>15	[1]	1.1	[2]	0.9		>15	[1,2]	1.3		2.8		3.0		0.6
12-Jan-99	>15	[1]	0.8		1.0		8.0		0.7		2.4		3.2		0.7
22-Jan-99	>15	[1]	0.6		0.8		1.4		1.1		3.1		4.7		1.4
30-Jan-99	>15	[1]	0.6		1.6		1.0		1.6		4.8		2.6		2.8
26-Feb-99	>15		0.5		0.5		1.4		1.1		4.4		4.0		5.2
30-Mar-99	>15		0.5	[2]	0.8		1.0		1.2		1.1		4.2		1.6
20-May-99	>15		1.0	[2]	1.4	[2]	1.5		1.7		1.9		3.2		1.2
23-Jun-99	>15		0.5	[2]	0.4	[2]	0.6		0.6		1.0		0.8		0.6
26-Jul-99	>15		0.5	[2]	0.4	[2]	0.6		0.8		0.6		0.5		0.7
17-Aug-99	>15		0.3	[2]	0.45	[2]	0.5		0.2		0.3		0.8		0.6
12-Sep-99	>15		0.5	[2]	0.3	[2]	0.8		0.4		0.5		0.5		0.4
19-Oct-99	>15		0.4	[2]	0.3	[2]	0.2		0.6		0.4		0.3		0.6
11-Nov-99	10.2		0.6	[2]	0.7	[2]	0.7		0.8		0.8		1.8		1.1
22-Dec-99	>15		0.3	[2]	0.3	[2]	0.4		0.7		0.4		0.8		0.4
6-Jan-00	>15		0.3	[2]	0.4	[2]	0.4		0.6		1.0		1.4		0.4
7-Jan-00		ORC injected in the vicinity of MW-2 and in the former UST cavity.													
14-Jan-00	>15		0.8	[2]	0.4	[2]	0.5		2.2		0.4		2.0		1.0
19-Jan-00	>15		0.6	[2]	0.4	[2]	0.4		1.4		1.6		1.0		0.7
26-Jan-00	14.2		0.7	[2]	0.4	[2]	0.6		0.5		2.7		6.0		1.7
29-Feb-00	13.2		0.9	[2]	0.9	[2]	0.8		--	[3]	1.0		2.2		3.4
23-Mar-00	>15		2.8	[2]	1.1	[2]	1.0		1.0		1.4		2.4		2.2
25-Apr-00	4.2		0.7	[2]	1.3	[2]	0.8		0.6		1.1		2.6		0.6
24-May-00	2.3		0.9	[2]	0.4	[2]	1.0		0.9		1.0		1.8		1.0
29-Jun-00	1.4		0.4	[2]	0.3	[2]	0.3		0.3		0.4		0.9		0.4
10-Jul-00	3.7		0.8	[2]	0.4	[2]	0.6		0.8		0.8		1.6		0.7
31-Aug-00	4.0		0.6	[2]	0.2	[2]	0.7		0.8		0.8		1.0		0.8
20-Sep-00	0.4		0.6	[2]	0.5	[2]	0.6		0.6		0.8		0.8		0.9
24-Oct-00	9.2		0.4	[2]	0.3		0.3		0.4		0.4		0.6		0.6
29-Nov-00	14.2		1.2	[2]	1.4	[2]	1.2		6.0		1.7		1.9		1.4
20-Dec-00	14.6		1.2	[2]	1.4	[2]	1.0		1.5		1.2		2.7		1.8
11-Jan-01	>15		1.7	[2]	1.9	[2]	1.9		--	[4]	2.4		3.7		5.8

All concentrations are presented in milligrams per liter (mg/L)

Notes:

1 Milky water; ORC is visibly present in well.
2 Diesel odor
3 Well damaged in bus route repavement, unable to access
4 Well cap also damaged in bus route and well casing and box are filled with rain water.
Could not get an initial undisturbed DO reading.

PLATES



Thomas Bros. Map 2000

Not to Scale

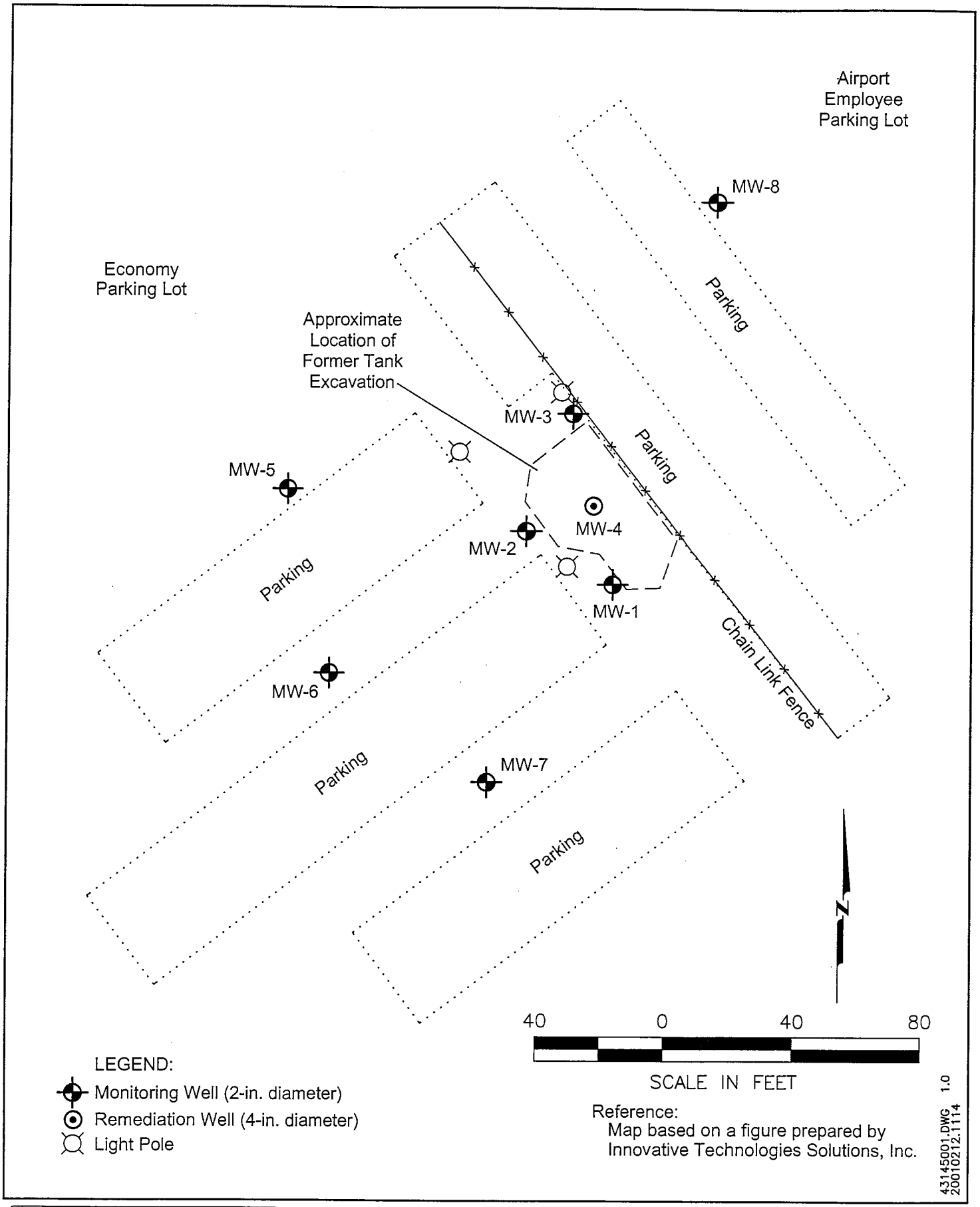
43145003.DWG 1.0
20010122.1534

Harding ESE

Site Location Map
Economy Parking Lot - United Aitlines Hanger Site
Oakland International Airport
1100 Airport Drive, Oakland, California

PLATE
1

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
PH	43145.4		1/01	

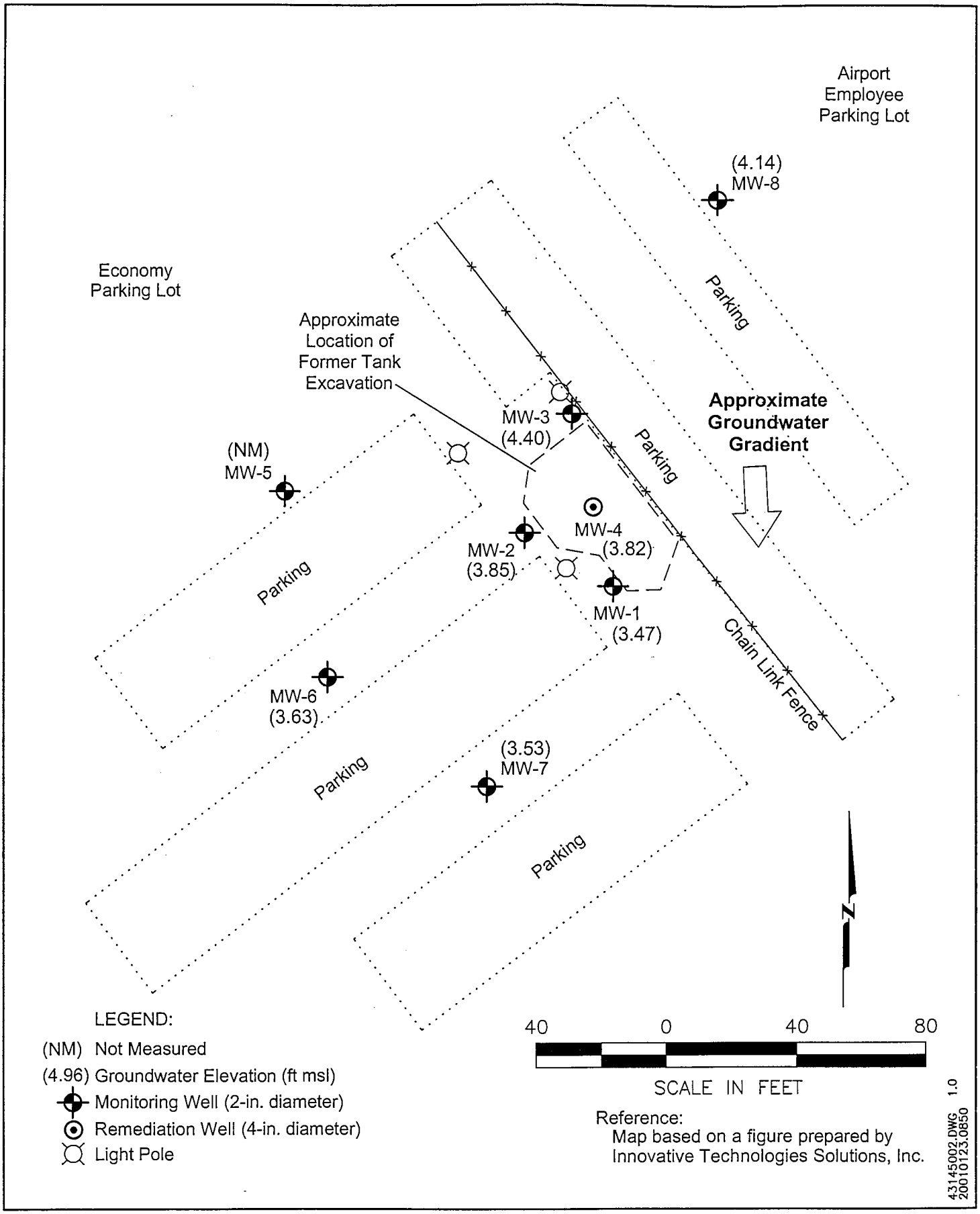


Harding ESE
A MACTEC COMPANY

Site Plan
Economy Parking Lot - United Aitlines Hanger Site
Oakland International Airport
1100 Airport Drive, Oakland, California

PLATE
2

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
PH	43145.4		1/01	



Harding ESE

Groundwater Elevation Map
Economy Parking Lot - United Aitlines Hanger Site
Oakland International Airport
1100 Airport Drive, Oakland, California

PLATE
3

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
PH	43145.4		1/01	

Appendix D2
Tables and Figures from Port of Oakland 2001 Report

REPORT ID# 14
pdf-4-1-09

UM

SITE CLOSURE REPORT
UST SITES MF25 & MF26
ECONOMY PARKING LOT
OAKLAND INTERNATIONAL AIRPORT

UM
Economy
UST
5/4/01
11276

SITE CLOSURE REPORT

UST SITES MF25 & MF26

ECONOMY PARKING LOT

OAKLAND INTERNATIONAL

AIRPORT

Prepared by Port of Oakland
Environmental Health & Safety Compliance
May 4, 2001

TABLE 1
Phase I/II Site Investigation Sampling Results-October/December 1988
Tanks MF-25 and MF-26
(in mg/kg)

Sample #	TPHd	TPHg	TPHk	Toluene	Ethyl benzene	Total Xylenes	1,1,1-TCA	TCE	Naph	Ba	Cr	Co	Cu	Ni	V	Zn
UW-1	<10	<10	<10	NA	NA	NA	NA	NA	<0.33	NA	NA	NA	NA	NA	NA	NA
UW-2	<10	<10	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UW-3	<10	<10	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UW-4	<10	<10	<10	NA	NA	NA	NA	NA	<0.33	NA	NA	NA	NA	NA	NA	NA
UW-5	<10	**2,800**	**9,500**	**11.0**	**20.0**	**44.0**	<0.5	<0.5	**15**	**25**	**19**	**3.5**	**5.9**	**20**	**14**	**13**
UW-6	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA
UW-7	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA
UW-8	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA
UW-9	<10	**2,300**	**8,100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UW-10	<10	<10	**18**	<0.025	<0.025	<0.025	<0.025	<0.025	NA	**120**	**20**	**3.4**	**13**	**18**	**14**	**16**
UW-11	<10	<10	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UW-12	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.33	NA	NA	NA	NA	NA	NA	NA
UW-13	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.33	NA	NA	NA	NA	NA	NA	NA
UW-14	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA
UHWS-1*	<10	<10	<10	**8.6**	**7.2**	**19.0**	**0.90**	**1.7**	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not analyzed

* Sample UHWS (collected during Phase I investigation) was reported to contain 11,000 mg/kg of total petroleum hydrocarbons as jet fuel, and 9,600 mg/kg oil and grease.

TABLE 2
Summary of TPH and Metal Analytical Results – Soil Excavation March 1992
Tanks MF-25 and MF-26 (in mg/kg)

Sample I.D.	Depth (feet)	TPHd	TPHg	Oil & Grease	Benzene	Toluene	Total Xylenes	Ethyl Benzene	Metals				
									Cadm	Chro	Nick	Lead	Zinc
Excavation Interior													
E-1	6	**1,000**	**11,000**	**19,000**	**190**	**580**	**700**	**150**	<0.2	**21**	**20**	**2.6**	**14**
E-2	6	**500**	**6,000**	**4,500**	**170**	**530**	**630**	**130**	<0.2	**25**	**23**	**2.9**	**16**
E-3	6	**1**	**2,800**	**2,100**	**100**	**340**	**420**	**100**	<0.2	**21**	**19**	**2.1**	**13**
E-4	6	**500**	**10,000**	**3,600**	**40**	**170**	**20**	**50**	<0.2	**31**	**29**	**3.7**	**20**
Shallow Excavation Periphery													
E-5	6	NA	<0.3	<50	<0.005	<0.005	NA	<0.005	NA				
E-6	6	**7**	**0.3**	<50	NA	NA	NA	NA	NA				
E-7	6	NA	NA	<50	**0.02**	**0.04**	NA	<0.02	NA				
E-8	6	**3**	NA	<50	NA	NA	NA	NA	NA				
E-10	6	NA	<0.3	<50	<0.005	<0.005	NA	<0.005	NA				
E-12	6	NA	<0.3	<50	<0.005	<0.005	NA	<0.005	NA				
Deep Excavation Periphery													
E-9	11	NA	NA	<50	NA	NA	NA	NA	NA				
E-11	11	<1	<0.3	<50	<0.005	<0.005	NA	<0.005	NA				

NA=Not analyzed
cadm=cadmium, chro=chromium, nick=nickel

TABLE 3
Summary of VOC Analytical Results – Soil Excavation
Tanks MF-25 and MF-26
(in mg/kg)

Sample I.D.	Depth (feet)	1,1,1-TCA	1,1-DCA	MeCl	TCE
Excavation Interior					
E-1	6	**140**	**30**	**450**	**100**
E-2	6	**140**	**30**	**380**	**80**
E-3	6	**80**	<20	<20	**60**
E-4	6	**30**	<20	<20	**30**
Shallow Excavation Periphery					
E-5	6	<0.005	<0.005	<0.005	<0.005
E-6	6	NA	NA	NA	NA
E-7	6	<0.02	<0.02	<0.05	<0.02
E-8	6	NA	NA	NA	NA
E-10	6	<0.005	<0.005	<0.005	<0.005
E-12	6	<0.005	<0.005	<0.005	<0.005
Deep Excavation Periphery					
E-9	11	NA	NA	NA	NA
E-11	11	<0.005	<0.005	<0.005	<0.005

NA = Not analyzed

TABLE 4
Summary of SVOC Analytical Results – Soil Excavation
Tanks MF-25 and MF-26 (in mg/kg)

Constituent	E-1	E-2	E-3	E-4
2-Methylnaphthalene	**53**	**6.9**	**7.6**	**35**
Acenaphthene	**1.7**	<2	<0.4	**2.8**
Benzo(a)anthracene	<1	<1	<0.2	**4.9**
Benzo(a)pyrene	<1	<1	<0.2	**2**
Chrysene	<1	<1	<0.2	**4.3**
Dibenzofuran	<1	<1	<0.2	**107**
Fluoranthene	<1	<1	<0.2	**13**
Fluorene	**1.6**	<1	<0.2	**2.2**
Naphthalene	**34**	**2.7**	**3.2**	**14**
Phenanthrene	**1**	<2	**0.24**	**16**
Phenol	<2	<2	**9.2**	<2
Pyrene	<1	<1	**0.19**	**14**
Bis(2-ethylhexyl)phthalate	**3.9**	**5.5**	<0.4	<2
C7-C35 Hydrocarbon matrix	**40,000**	**500**	**5,000**	**20,000**

Note: The SVOCs detected in the UST removal confirmation samples are commonly found in coal tar and/or asphalt-containing materials. The USTs were reportedly covered with a tar paper wrap that was degraded near the fill pipe ends of the tanks.

TABLE 5
RESULTS OF SOIL SAMPLING FOR MONITORING WELL INSTALLATIONS
MW-2 and MW-3
(mg/kg)

Sample ID	Sample Depth (feet)	Sampling Date	TPHd	TPHg	TPHj	TPHmo	Benzene	Toluene	Ethyl benzene	Total xylenes	VOCs	SVOCs
MW-2	2.0 to 2.5	4/19/95	**13**	**4.9**	<1	<4	<0.5	<0.5	<0.5	<0.5	ND	NA
MW-2	7.0 to 7.5	4/19/95	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	ND	ND
MW-3	2.0 to 2.5	4/19/95	<5,000	**6,300**	**11,000**	**1,600**	<5	**61**	**22**	**135**	ND	NA
MW-3	10.0 to 10.5	4/19/95	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	ND	ND

NA = Not Analyzed
Note: Bold values indicate detected concentrations

TABLE 6
RESULTS OF SOIL SAMPLING FOR MONITORING WELL INSTALLATIONS
MW-4 through MW-8
(mg/kg)

	Sample Depth (feet)	Sampling Date	TPHd	TPHg	TPHj	TPHmo	Benzene	Toluene	Ethyl benzene	Total Xylenes
MW-4	2	5/5/98	**3.5(1,2)**	<1	<1	**46 (1,2)**	<0.005	<0.005	<0.005	<0.01
MW-5	2	5/5/98	<1	<1	<1	<5	<0.005	<0.005	<0.005	<0.01
MW-6	2	5/5/98	<1	<1	<1	<5	<0.005	<0.005	<0.005	<0.01
MW-7	1.5	5/5/98	<1	<1	<1	<5	<0.005	<0.005	<0.005	<0.01
MW-8	2	5/5/98	<1	<1	<1	<5	<0.005	<0.005	<0.005	<0.01

Note: Bold values indicate detected concentrations
1 Hydrocarbons present do not match profile of laboratory standard
2 Hydrocarbons are heavier than indicated standard

TABLE 7
Maximum and Current Groundwater Analytical Results
Petroleum Hydrocarbons

Monitoring Well	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	TPHd (ug/L)	TPHg (ug/L)	TPHj (ug/L)	TPHmo (ug/L)
MW-1									
Maximum	3.3	0.52	2.7	1.3	3.2	11,000	120	800	1,800
Current	3.0	<0.5	<0.5	<0.5	<2.5	440	63	170	290
MW-2									
Maximum	340	680	110	580	---	21,000	17,000	36,000	26,000
Current	45	34	72	130	---	**21,000**	2,700	18,000	6,700
MW-3									
Maximum	150	600	100	580	---	79,000	8,000	110,000	31,000
Current	2.3	1.1	1.7	5.7	---	7,200	2,400	4,000	2,300
MW-4									
Maximum	24	23	13	79	5.5	3,300	1,900	41,000	9,400
Current	15	<2.5	3.3	4.5	<13	**3,300**	860	2,700	1,400
MW-5									
Maximum	---	---	---	---	---	140	---	---	530
Current	---	---	---	---	---	80	---	---	300
MW-6									
Maximum	---	---	---	---	---	120	---	---	280
Current	---	---	---	---	---	<50	---	---	<250
MW-7									
Maximum	---	0.6	---	---	---	52	---	---	---
Current	---	<0.5	---	---	---	<50	---	---	---
MW-8									
Maximum	4.1	1.3	---	---	3.2	450	77	200	530
Current	1.4	<0.5	---	---	<2.5	90	<50	<50	<250

NA = Not analyzed
Note: Data was listed only when constituent was detected, otherwise maximum and current values were non-detect (---)

TABLE 8
MAXIMUM AND CURRENT GROUNDWATER ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

Monitoring Well	Chloro-form (ug/L)	1,1-DCA (ug/L)	1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	TCE (ug/L)	PCE (ug/L)	Chloro-ethane (ug/L)	1,2-DCA (ug/L)	1,1-DCE (ug/L)	Vinyl chloride (ug/L)
MW-1										
Maximum	<5	32	19	2.9	2.5	5.5	<1.0	<2.0	3.1	1.2
Current	<1.0	**32**	11	<1.0	<1.0	<1.0	<1.0	<1.6	2.4	<1.0
MW-2										
Maximum	5.0	95	240	20	6.7	9.0	5.5	<2.5	0.82	<5.0
Current	<1.0	43	80	<1.0	<2.0	<0.6	3.4	<1.6	<1.0	<1.0
MW-3										
Maximum	2.1	30	<30	2.4	<2.0	0.62	1.8	<2.0	3.1	<1.0
Current	<1.0	<1.6	<1.0	<1.0	<2.0	<0.6	<1.2	<1.6	**3.1**	<1.0
MW-4										
Maximum	<2.5	53	42.1	3.9	5.5	2.8	13	<5.0	2.8	<2.5
Current	<1.0	42	25	<1.0	<2.0	<0.5	13	<1.6	2.8	<1.0
MW-5										
Maximum	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<2.0
Current	<1.0	<1.0	<1.0	<1.0	<2.0	<0.5	<1.0	<1.6	<1.0	<1.0
MW-6										
Maximum	<1.0	<1.0	<1.0	<0.5	<2.0	<1.0	<2.0	<2.0	<1.0	<2.0
Current	<1.0	<1.0	<1.0	<1.0	<2.0	<0.6	<1.0	<1.6	<1.0	<1.0
MW-7										
Maximum	<1.0	26	1.9	<1.0	<2.0	1.8	<2.0	<2.0	9.8	<2.0
Current	<1.0	18	<1.0	<1.0	<2.0	1.5	<1.0	<1.6	7.7	<1.0
MW-8										
Maximum	<10	500	1.9	<10	<20	<10	<10	11	700	10
Current	<10	250	<10	<10	<20	<6.0	<10	<16	290	<10

TABLE 9 - GROUNDWATER MONITORING WELL ANALYTICAL RESULTS
PETROLEUM HYDROCARBONS - ECONOMY PARKING LOT (in ug/L)

Monitoring Well ID#	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	TPHd	TPHg	TPHj	TPHmo	Unidentified hydrocarbons
MW-1	05/15/92	<0.4	<0.3	<0.3	<0.4	NA	NA	<50	NA	NA	TOG=<5000
	08/06/92	<0.4	<0.3	<0.3	<0.4	NA	NA	<50	**800(13)**	NA	TOG=<5000
	11/24/92	<0.4	<0.3	<0.3	<0.4	NA	NA	<50	<50	NA	NA
	02/12/93	<0.4	<0.3	<0.3	<0.4	NA	NA	<50	NA	NA	NA
	05/17/93	<0.4	<0.3	<0.3	<0.4	NA	NA	<50	NA	NA	NA
	08/03/93	<0.5	<0.5	<0.5	<0.5	NA	**5,200**	<50	NA	NA	NA
	11/25/93	<0.5	<0.5	<0.5	**0.6**	NA	NA	**70**	NA	NA	NA
	05/09/94	<0.5	<0.5	<0.5	<0.5	NA	NA	<50	NA	NA	NA
	08/29/94	<0.5	<0.5	**2.7**	<0.5	NA	NA	<50	NA	NA	NA
	04/25/95	<5	<5	<5	<5	NA	**1,400**	<50	<50	**610**	NA
	08/11/95	<0.4	<0.3	<0.3	<0.4	NA	**1,900**	<50	<50	**1,200**	NA
	11/03/95	**0.4**	**0.4**	<0.3	<0.4	NA	**4,200**	<50	<50	**1,800**	NA
	06/19/96	**0.99**	<0.5	**1.1**	<1.0	NA	**11,000**	<50	<500	**820**	NA
	10/24/96	**1.9**	<0.5	<0.5	**1.3**	NA	<250	**57**	<500	<250	NA
	01/22/97	<0.5	<0.5	<0.5	<1.0	NA	**220**	<50	<500	<250	NA
	04/25/97	**1.2**	<0.5	**1.0**	**1.3**	NA	<50	**110**	<500	<250	NA
	08/06/97	**2.1**	<0.5	<0.5	<1.0	NA	**340**	**100**	<500	<250	NA
	12/23/97	**0.7**	<0.5	<0.5	**1.2**	NA	<50	<50	<50	<300	NA
	03/26/98	<0.5	<0.5	<0.5	<1.0	NA	<48	<50	<48	<290	NA
	12/16/98	**1.8**	<0.5	<0.5	<1.0	<2.5	**640**	**120**	<50	<250	**340**
	02/26/99	**0.96**	<0.5	<0.5	<1.0	**2.6**	**670(2)**	**69**	<50	**350**	<50
	05/20/99	**1.7**	<0.5	<0.5	<0.5	<2.5	**380**	**85**	<50	<250	<50
	08/17/99	**2.6**	**0.52**	<0.5	<0.5	<2.5	**530**	**54**	<50	<500	NA
	11/11/99	**2.5**	<0.5	<0.5	<0.5	<2.5	**1,100**	**96**	<50	<250	NA
	03/23/00	**1.7**	<0.5	<0.5	<0.5	**3.2**	**1,100**	---(6)	<50	**1,100**	NA
	04/25/00	NA	NA	NA	NA	NA	NA	**60(6)**	NA	NA	NA
	05/24/00	**2.5**	<0.5	<0.5	<0.5	<2.5	**670**	**76**	**410**	<250	NA
	08/31/00	**3.3**	<0.5	<0.5	**0.89**	<2.5	**600**	**84**	**320**	**430**	NA
	01/11/01	**3.0**	<0.5	<0.5	<0.5	<2.5	**440**	**63**	**170(9)**	**290(10)**	NA

TABLE 9 - GROUNDWATER MONITORING WELL RESULTS - PETROLEUM HYDROCARBONS (in ug/L)

Monitoring Well ID#	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	TPHd	TPHG	TPHj	TPHmo	Unidentified hydrocarbons
MW-2	04/25/95	340	570	110	580	NA	<10,000	5,200	13,000	19,000	NA
	08/11/95	320	680	110	510	NA	<8,000	5,500	7,900	20,000	NA
	11/03/95	200	400	27	360	NA	3,800	<11,000	11,000	4,200	NA
	06/19/96	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)
	10/24/96	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)
	01/22/97	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)
	04/25/97	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)
	08/06/97	170	270	92	410	NA	12,000	9,900	<1,000	2,300	NA
	12/23/97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/13/98	150	270	94	440	NA	2,600(1,2)	4,000	3,400	<290	NA
	12/16/98	130	180	71	330	<50	<1,000	4,600	31,000	8,200	<1,000
	02/26/99	86	210	64	350	<100	<1,000	4,700	18,000	7,800	<1,000
	05/20/99	120	280	76	360	<2.5	<50	4,700	15,000	5,800	<50
	08/17/99	55	44	57	200	<2.5	<1,000	17,000	22,000	<10,000	NA
	11/11/99	60	37	78	190	<2.5	<500	3,800	10,000	<2,500	NA
	03/23/00	92	180	97	310	<25	<500	---(6)	36,000	26,000	NA
	04/25/00	NA	NA	NA	NA	NA	NA	7,600(6)	NA	NA	NA
	05/24/00	100	180	96	310	<50	8,000	3,200	8,100	4,200	NA
	08/31/00	50	18	77	160	<50	4,900	3,200	4,000	1,800	NA
	01/11/01	45	34	72	130	<130	21,000(11)	2,700	18,000	6,700(10)	NA
MW-3	04/25/95	150	600	100	580	NA	<40,000	7,200	38,000	31,000	NA
	08/11/95	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)
	11/03/95	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)
	06/19/96	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)
	10/24/96	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)
	01/22/97	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)
	04/25/97	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)
	08/06/97	4	16	14	90	NA	1,400	4,200	<500	<250	NA
	12/23/97	13	16	9	116	NA	79,000	2,200	110,000	8,200	NA

TABLE 9 - GROUNDWATER MONITORING WELL RESULTS – PETROLEUM HYDROCARBONS (in ug/L)

Monitoring Well ID#	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	TPHd	TPHG	TPHj	TPHmo	Unidentified hydrocarbons
MW-3	03/26/98	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	---(3)	NA
	12/16/98	<10	**12**	<10	**43**	<50	---(5)	**2,300**	---(5)	---(5)	NA
	02/26/99	**16**	**16**	**10**	**40**	<100	---(5)	**5,700**	---(5)	---(5)	NA
	05/20/99	**20**	**25**	**7.8**	**37**	<2.5	---(5)	**2,700**	---(5)	---(5)	NA
	08/17/99	**14**	<0.5	<0.5	**15**	<2.5	---(5)	**2,100**	---(5)	---(5)	NA
	11/11/99	**7.8**	<0.5	<0.5	**17**	<2.5	---(5)	**3,300**	---(5)	---(5)	NA
	03/23/00	**13**	**20**	**16**	**48**	<50	NA	---(6)	NA	NA	NA
	04/25/00	NA	NA	NA	NA	NA	**6,200**	**8,000(6)**	**7,100**	**4,600**	NA
	05/24/00	**4.6**	**6.4**	**6.3**	**23**	<13	**6,200**	**6,300**	**7,100**	**4,600**	NA
	08/31/00	<25	<25	<25	<25	<130	**6,600**	**2,800**	**6,300**	**2,100**	NA
	01/11/01	**2.3(12)**	**1.1(12)**	**1.7(12)**	**5.7(12)**	<5(12)	**7,200**	**2,400(12)**	**4,000(9)**	**2,300**	NA
MW-4	05/13/98	**9.8**	**23**	**13**	**79**	NA	**2,000(1,2)**	**1,400**	**2,300**	<310	NA
	12/16/98	<10	<10	<10	**58**	<50	<1,000	**1,900**	**40,000**	**8,800**	<1,000
Duplicate	12/16/98	<10	<10	<10	**51**	<50	<1,000	**1,700**	**41,000**	**9,400**	<1,000
	02/26/99	**13**	<10	<10	**22**	<50	<500	**1,200**	**5,500**	<2,500	<500
Duplicate	02/26/99	**16**	<2.5	**6.2**	**20**	<10	<500	**1,200**	**5,200**	<2,500	<500
	05/20/99	**16**	**0.83**	**3..0**	**10**	**5.5**	<50	**670**	**1,900**	**560**	<50
Duplicate	05/20/99	**15**	**0.78**	**3.0**	**11**	**5.4**	<50	**1,100**	**1,200**	**290**	<50
	08/17/99	**22**	<0.5	<0.5	<0.5	<2.5	<50	**1,000**	**2,000**	<500	<50
Duplicate	08/17/99	**24**	**3.1**	**3.2**	**16**	<2.5	<50	**690**	**1,700**	<500	NA
	11/11/99	**11**	<0.5	<0.5	**12**	<2.5	<50	**1,600**	**2,400**	<50	NA
Duplicate	11/11/99	**11**	**1.4**	**2.7**	**16**	<2.5	<50	**1,300**	**1,800**	<50	NA
	03/23/00	**10**	**0.95**	**2.0**	**12**	<2.5	**2,800**	---(6)	<50	**2,200**	NA
Duplicate	03/23/00	**10**	**0.81**	**2.0**	**12**	<2.5	**2,800**	---(6)	<50	**2,100**	NA
	04/25/00	NA	NA	NA	NA	NA	NA	**1,200(6)**	NA	NA	NA
Duplicate	04/25/00	NA	NA	NA	NA	NA	NA	**630(6)**	NA	NA	NA
	05/24/00	**14**	<1.0	**2.3**	**13**	<5.0	**2,500**	**690**	**2,100**	**1,800**	NA
Duplicate	05/24/00	**13**	<1.0	**2.8**	**15**	<5.0	**3,100**	**560**	**2,600**	**2,200**	NA
	08/31/00	**22**	<1.3	**3.1**	**13**	<6.3	**2,300**	**700**	**1,800**	**1,000**	NA
Duplicate	08/31/00	**21**	<1.3	**2.8**	**13**	**11(8)**	**2,500**	**550**	**2,000**	**1,000**	NA

TABLE 9 - GROUNDWATER MONITORING WELL RESULTS – PETROLEUM HYDROCARBONS (in ug/L)

Monitoring Well ID#	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	TPHd	TPHG	TPHj	TPHmo	Unidentified hydrocarbons
MW-7	08/17/99	<0.5	<0.5	<0.5	<0.5	<2.5	**52**	<50	<50	<500	NA
	11/11/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	NA
	03/23/00	<0.5	<0.5	<0.5	<0.5	<2.5	<50	---(6)	<50	<250	NA
	04/25/00	NA	NA	NA	NA	NA	NA	<50(6)	NA	NA	NA
	05/24/00	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	NA
	08/31/00	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	NA
	01/11/01	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	NA
MW-8	05/13/98	**2**	<0.5	<0.5	<1.0	NA	<47	<50	<47	<280	NA
	12/16/98	**4.1**	<0.5	<0.5	<0.5	**2.9(4)**	<50	**53**	**200**	<250	<50
	02/26/99	**3.5**	<0.5	<0.5	<0.5	**2.7(4)**	<50	<50	<50	<250	<50
	05/20/99	**2.8**	<0.5	<0.5	<0.5	<2.5	**150**	<50	<50	<250	<50
	08/17/99	**3.5**	<0.5	<0.5	<0.5	**2.9**	**190**	**51**	<50	<250	NA
	11/11/99	**3.0**	<0.5	<0.5	<0.5	**3.2**	**310**	<50	<50	<250	NA
	03/23/00	<0.5	<0.5	<0.5	<0.5	<2.5	**450**	---(6)	<50	**530**	NA
	04/25/00	NA	NA	NA	NA	NA	NA	**77(6)**	NA	NA	NA
	05/24/00	**2.0**	**1.3**	<0.5	<0.5	<2.5	**130**	**53**	<50	<250	NA
	08/31/00	**1.9**	<0.5	<0.5	<0.5	**2.9**	**120**	<50	**71(9)**	<250	NA
	01/11/01	**1.4**	<0.5	<0.5	<0.5	<2.5	**82**	<50	<50	<250	NA
Duplicate	01/11/01	**1.4**	<0.5	<0.5	<0.5	<2.5	**90**	<50	<50	<250	NA

NA=Not analyzed

1 Hydrocarbons for TPHd do not match profile for laboratory standard.
2 Hydrocarbons for TPHd are lighter than indicated standard.
3 Not analyzed due to presence of free product.
4 MTBE detected by GC methods at slightly over reporting limit has not been confirmed by 8260 GC/MS.
5 MW-3 has slow recovery so not enough water could be collected for all analyses.
6 Due to an oversight TPHg was not analyzed for in the March sampling event, the wells were resampled in April.
7 The surrogate recovery for this sample can not be accurately quantified due to interferences from coeluting organic compounds.
8 The laboratory reported that continuing calibration indicated that the quantitative result for MTBE includes a greater than 15% degree of uncertainty.
9 TPHj chromatogram pattern is unidentified hydrocarbons C9-C24.
10 The motor oil chromatogram pattern is unidentified hydrocarbons greater than C16.
11 The diesel chromatogram pattern is unidentified hydrocarbons C9-C24.
12 TPHg, BTEX and TBE analyzed one day past holding time.
13 TPHj was reported as not matching standard

TABLE 9 - GROUNDWATER MONITORING WELL RESULTS – PETROLEUM HYDROCARBONS (in ug/L)

Monitoring Well ID#	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	TPHd	TPHG	TPHj	TPHmo	Unidentified hydrocarbons
MW-4	01/11/01	**15**	<2.5	**3.3**	**4.5**	<13	**3,300**	**860**	**2,700(9)**	**1,400(10)**	NA
											NA
MW-5	05/13/98	<0.5	<0.5	<0.5	<1.0	NA	<50	<50	<50	<300	NA
	12/16/98	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	**260**
	02/26/99	<0.5	<0.5	<0.5	<0.5	<2.5	**69**	<50	<50	<250	<50
	05/20/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	<50
	08/17/99	<0.5	<0.5	<0.5	<0.5	<2.5	**79**	<50	<50	<500	NA
	11/11/99	<0.5	<0.5	<0.5	<0.5	<2.5	**93**	<50	<50	<250	NA
	03/23/00	<0.5	<0.5	<0.5	<0.5	<2.5	**140**	---(6)	<50	**530**	NA
	04/25/00	NA	NA	NA	NA	NA	NA	<50(6)	NA	NA	NA
	05/24/00	<0.5	<0.5	<0.5	<0.5	<2.5	**73**	<50	<50	**400**	NA
	08/31/00	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	NA
	01/11/01	<0.5	<0.5	<0.5	<0.5	<2.5	**80**	<50	<50	**300**	NA
MW-6	05/13/98	<0.5	<0.5	<0.5	<1.0	NA	<48	<50	<48	<290	NA
	12/16/98	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	<50
	02/26/99	<0.5	<0.5	<0.5	<0.5	<2.5	**83**	<50	<50	<250	<50
	05/20/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	<50
	08/17/99	<0.5	<0.5	<0.5	<0.5	<2.5	**72**	<50	<50	<500	NA
	11/11/99	<0.5	<0.5	<0.5	<0.5	<2.5	**93**	<50	<50	<250	NA
	03/23/00	<0.5	<0.5	<0.5	<0.5	<2.5	**120**	---(6)	<50	**280**	NA
	04/25/00	NA	NA	NA	NA	NA	NA	<50(6)	NA	NA	NA
	05/24/00	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	NA
	08/31/00	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	NA
	01/11/01	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	NA
MW-7	05/13/98	<0.5	**0.6**	<0.5	<1.0	NA	<51	<50	<51	<310	NA
	12/16/98	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	<50
	02/26/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	<50
	05/20/99	<0.5	<0.5	<0.5	<0.5	<2.5	<50	<50	<50	<250	<50

TABLE 10 – GROUNDWATER MONITORING WELL ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)
UNITED AIRLINES ECONOMY PARKING LOT (in ug/L)

Monitoring well ID#	Date	Acetone	2-Butan-one	Chloro-form	1,1-DCA	1,2-DCE	4-Methyl-2-pentanone	1,1,1-TCA	TCE	PCE	Chloro-ethane	1,2-DCA	1,1-DCE	Vinyl chloride
MW-1	05/15/92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/06/92	<20	<20	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5
	11/24/92	<20	<20	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5
	02/12/93	<20	<20	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5
	05/17/93	<20	<20	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5
	08/03/93	<20	<20	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5
	11/25/93	<20	<20	<5	<5	**6.0**	<20	<5	<5	<5	<5	<5	<5	<5
	05/09/94	<20	<20	<5	<5	<5	<20	<5	<5	**5.5**	<5	<5	<5	<5
	09/27/94	<20	<20	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5
	01/25/95	<20	<20	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5
	08/11/95	NA	NA	<0.5	**4.3**	**13**	NA	**2.0**	**1.8**	**0.6**	<0.5	<0.3	<0.2	<0.5
	11/03/95	NA	NA	<0.5	**1.3**	**3.7**	**NA**	**0.6**	**0.5**	<0.5	<0.5	<0.3	<0.2	<0.5
	06/19/96	NA	NA	<0.5	**5.4**	<0.5	**NA**	<0.5	**1.2**	<0.5	<0.5	<0.3	<0.2	<0.5
	10/24/96	NA	NA	<0.5	**12**	<1.0	**NA**	<0.5	**1.4**	<0.5	<5.2	<0.5	<1.3	<1.8
	01/22/97	NA	NA	<0.5	**3.9**	**8.4**	NA	<0.5	**1.7**	<0.5	<5.2	<0.5	<1.3	<1.8
	04/25/97	NA	NA	<0.5	**6.2**	**10**	NA	<0.5	**1.2**	**0.62**	<5.2	<0.5	<1.3	<1.8
	08/06/97	NA	NA	<0.5	**14**	**19**	NA	<0.5	**2.5**	**0.54**	<5.2	<0.5	<1.3	<1.8
	12/23/97	NA	NA	<1.0	**6.6**	**9.3**	NA	<1.0	<1.0	<1.0	<5.2	<0.5	<1.3	<1.8
	03/26/98	NA	NA	<1.0	**5.3**	**8.1**	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0
	12/16/98	NA	NA	<0.5	**20**	**18**	NA	<0.5	<0.5	<0.5	<1.0	<0.5	**1.5**	<1.0
	02/26/99	NA	NA	<0.5	**15**	**9.8**	NA	**2.9**	<0.5	<0.5	<1.0	<0.5	**0.79**	<1.0
	05/20/99	NA	NA	<0.5	**22**	**17**	NA	<0.5	<0.5	<0.5	<1.0	<0.5	**1.5**	**1.2**
	08/17/99	NA	NA	<0.5	**23**	**15**	NA	<0.5	<0.5	<0.5	<1.0	<0.5	**2.1**	<1.0
	11/11/99	NA	NA	<0.5	**21**	**19**	NA	<0.5	<0.5	<0.5	<1.0	<0.5	**1.5**	<1.0
	03/23/00	NA	NA	<1.0	**24**	**11**	NA	<1.0	<1.0	<1.0	<1.0	<2.0	**1.3**	<1.0
	05/24/00	NA	NA	<1.0	**24**	**11**	NA	<1.0	<1.0	<1.0	<1.0	<2.0	**1.3**	<1.0
	07/10/00	NA	NA	<1.0	**30**	**16**	NA	<1.0	<1.0	<1.0	<1.0	<2.0	**2.2**	<1.0
	08/31/00	NA	NA	<1.0	**30**	**18**	NA	<1.0	<1.0	<1.0	<1.0	<2.0	**3.1**	<1.0
	01/11/01	NA	NA	<1.0	**32**	**11**	NA	<1.0	<1.0	<1.0	<1.0	<1.6	**2.4**	<1.0

TABLE 10 – GROUNDWATER MONITORING WELL ANALYTICAL RESULTS – VOCs (in ug/L)

Monitoring well ID#	Date	Acetone	2-Butan-one	Chloro-form	1,1-DCA	1,2-DCE	4-Methyl-2-pentanone	1,1,1-TCA	TCE	PCE	Chloro-ethane	1,2-DCA	1,1-DCE	Vinyl chloride
MW-2	04/25/95	<200	<200	<50	**50**	**<50**	<200	NA	NA	**<50**	NA	NA	NA	NA
	08/11/95	NA	NA	**5.0**	**79**	**26**	NA	**20**	**4.0**	**9.0**	<5	<3	<2	<5
	11/03/95	NA	NA	<0.5	**73**	**24**	NA	**4.8**	**6.7**	**6.8**	<5	<3	<2	<5
	06/19/96	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)
	10/24/96	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)
	01/22/97	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)
	04/25/97	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)
	08/06/97	NA	NA	<5	**69**	**160**	NA	<5	<12	<5	<52	<5	<13	<18
	12/23/97	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)
	03/26/98	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)
	05/13/98	NA	NA	NA	**51**	**140**	NA	<1.0	<1.0	<1.0	**3.4**	<1.0	<1.0	<2.0
	12/16/98	NA	NA	<5	**58**	**220**	NA	<2.5	<2.5	<2.5	<1.0	<2.5	<2.5	<5.0
	02/26/99	NA	NA	<1.3	**19**	**57**	NA	**2.9**	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5
	05/20/99	NA	NA	<0.5	**63**	**191.5**	NA	**5.8**	**1.1**	**1.5**	**4.4**	<0.5	**0.82**	<1.0
	08/17/99	NA	NA	<2.5	**70**	**140**	NA	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0
	11/11/99	NA	NA	<2.5	**48**	**180**	NA	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0
	03/23/00	NA	NA	<5.0	**55**	**160**	NA	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0
	05/24/00	NA	NA	<5.0	**55**	**160**	NA	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0
	07/10/00	NA	NA	<5.0	**95**	**240**	NA	<5.0	<5.0	<5.0	**5.5**	<10	<5.0	<5.0
	08/31/00	NA	NA	<1.0	**70**	**150**	NA	<1.0	<1.0	<1.0	**5.0**	<2.0	<1.0	<1.0
	01/11/01	NA	NA	<1.0	**43**	**80**	NA	<1.0	<2.0	<0.6	**3.4**	<1.6	<1.0	<1.0
MW-3	04/25/95	300	300	NA	**30**	<30	**200**	NA	NA	<30	NA	NA	NA	NA
	08/11/95	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)
	11/03/95	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)
	06/19/96	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)
	10/24/96	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)
	01/22/97	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)
	04/25/97	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)

TABLE 10 – GROUNDWATER MONITORING WELL ANALYTICAL RESULTS-VOCs (in ug/L)

Monitoring well ID#	Date	Acetone	2-Butan-one	Chloro-form	1,1-DCA	1,2-DCE	4-Methyl-2-pentanone	1,1,1-TCA	TCE	PCE	Chloro-ethane	1,2-DCA	1,1-DCE	Vinyl chloride
MW-3	08/06/97	NA	NA	**2.1**	**3.8**	<0.5	NA	<0.5	<1.2	**0.62**	<5.2	<0.5	<1.3	<1.8
	12/23/97	NA	NA	<1.0	**4.2**	<1.0	NA	<1.0	<1.0	<1.0	<5.2	<0.5	<1.3	<1.8
	03/26/98	NA	NA	---(1)	---(1)	---(1)	NA	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)	---(1)
	12/16/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/26/99	NA	NA	<0.5	**4.4**	<0.5	NA	**1.6**	**<0.5**	<0.5	<1.0	<0.5	<0.5	<1.0
	05/20/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/17/99	NA	NA	<0.5	**3.6**	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0
	11/11/99	NA	NA	<0.5	**3.2**	<0.5	NA	**2.4**	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0
	03/23/00	NA	NA	<1.0	**4.8**	<1.0	NA	<1.0	<1.0	<1.0	**1.8**	<2.0	<1.0	<1.0
	05/24/00	NA	NA	<1.0	**4.8**	<1.0	NA	<1.0	<1.0	<1.0	**1.8**	<2.0	<1.0	<1.0
	07/10/00	NA	NA	<1.0	**9.8**	<1.0	NA	<1.0	<1.0	<1.0	**1.1**	<2.0	<1.0	<1.0
	08/31/00	NA	NA	<1.0	**9**	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	01/11/01	NA	NA	<1.0	<1.6	<1.0	NA	<1.0	<2.0	<0.6	<1.2	<1.6	**3.1**	<1.0
MW-4	05/13/98	NA	NA	NA	**31**	**9.9**	NA	NA	NA	**2.8**	**2.8**	<1.0	<2.0	<2.0
	12/16/98	NA	NA	<0.5	**53**	**17**	NA	<5.0	<0.5	**0.94**	**6.8**	<0.5	**1.6**	<1.0
Duplicate	12/16/98	NA	NA	<0.5	**52**	**14**	NA	<5.0	<0.5	**0.88**	**4.4**	<0.5	**1.2**	<1.0
	02/26/99	NA	NA	<0.5	**39**	**28**	NA	**1.4**	<0.5	**0.97**	**6.5**	<0.5	<0.5	<1.0
Duplicate	02/26/99	NA	NA	<0.5	**43**	**36**	NA	**1.7**	<0.5	**1.3**	**8.3**	<0.5	**2.8**	<1.0
	05/20/99	NA	NA	<0.5	**45**	**42.1**	NA	<0.5	**0.54**	**1.7**	**8.9**	<0.5	**2.8**	<1.0
Duplicate	05/20/99	NA	NA	<0.5	**48**	**39.4**	NA	**3.9**	**0.59**	**1.9**	**8.6**	<0.5	**2.5**	<1.0
	08/17/99	NA	NA	<0.5	**37**	**22**	NA	<0.5	**0.7**	**1.8**	**4.3**	<0.5	**2**	<1.0
Duplicate	08/17/99	NA	NA	<0.5	**45**	**0.77**	NA	<0.5	**5.5**	**2**	**13**	<0.5	**2.8**	<1.0
	11/11/99	NA	NA	<0.5	**34**	**22**	NA	<0.5	<0.5	**0.76**	**6.9**	<0.5	**1.1**	<1.0
Duplicate	11/11/99	NA	NA	<0.5	**38**	**23**	NA	<0.5	<0.5	**0.85**	**7.9**	<0.5	**1.1**	<1.0
	03/23/00	NA	NA	<1.0	**24**	**13**	NA	<1.0	<1.0	<1.0	**4.1**	<2.0	<1.0	<1.0
Duplicate	03/23/00	NA	NA	<1.0	**26**	**14**	NA	<1.0	<1.0	**1.1**	**5.5**	<2.0	**1.1**	<1.0
	05/24/00	NA	NA	<1.0	**24**	**13**	NA	<1.0	<1.0	<1.0	**4.1**	<2.0	<1.0	<1.0
Duplicate	05/24/00	NA	NA	<1.0	**26**	**14**	NA	<1.0	<1.0	**1.1**	**5.5**	<2.0	**1.1**	<1.0

TABLE 10 – GROUNDWATER MONITORING WELL ANALYTICAL RESULTS-VOCs (in ug/L)

Monitoring well ID#	Date	Acetone	2-Butan-one	Chloro-form	1,1-DCA	1,2-DCE	4-Methyl-2-pentanone	1,1,1-TCA	TCE	PCE	Chloro-ethane	1,2-DCA	1,1-DCE	Vinyl chloride
MW-4	07/10/00	NA	NA	<2.5	**48**	**25**	NA	<2.5	<2.5	<2.5	**10**	<5.0	<2.5	<2.5
Duplicate	07/10/00	NA	NA	<2.5	**35**	**16**	NA	<2.5	<2.5	<2.5	**7.3**	<5.0	<2.5	<2.5
	08/31/00	NA	NA	<1.0	**50**	**32**	NA	<1.0	<1.0	<1.0	**12**	<2.0	**1.9**	<1.0
Duplicate	08/31/00	NA	NA	<1.0	**43**	**27**	NA	<1.0	<1.0	<1.0	**9.9**	<2.0	**1.6**	<1.0
	01/11/00	NA	NA	<1.0	**42**	**25**	NA	<1.0	<2.0	<0.5	**13**	<1.6	**2.8**	<1.0
MW-5	05/13/98	NA	NA	NA	<1.0	<1.0	NA	NA	NA	<1.0	<2.0	<1.0	<1.0	<2.0
	12/16/98	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0
	02/26/99	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0
	05/20/99	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0
	08/17/99	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0
	11/11/99	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0
	03/23/00	NA	NA	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	05/24/00	NA	NA	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	07/10/00	NA	NA	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	08/31/00	NA	NA	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	01/11/01	NA	NA	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<0.5	<1.0	<1.6	<1.0	<1.0
MW-6	05/13/98	NA	NA	NA	<1.0	<1.0	NA	NA	NA	<1.0	<2.0	<1.0	<1.0	<2.0
	12/16/98	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0
	02/26/99	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0
	05/20/99	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0
	08/17/99	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0
	11/11/99	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0
	03/23/00	NA	NA	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	05/24/00	NA	NA	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	07/10/00	NA	NA	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	08/31/00	NA	NA	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	01/11/01	NA	NA	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<0.5	<1.0	<1.6	<1.0	<1.0

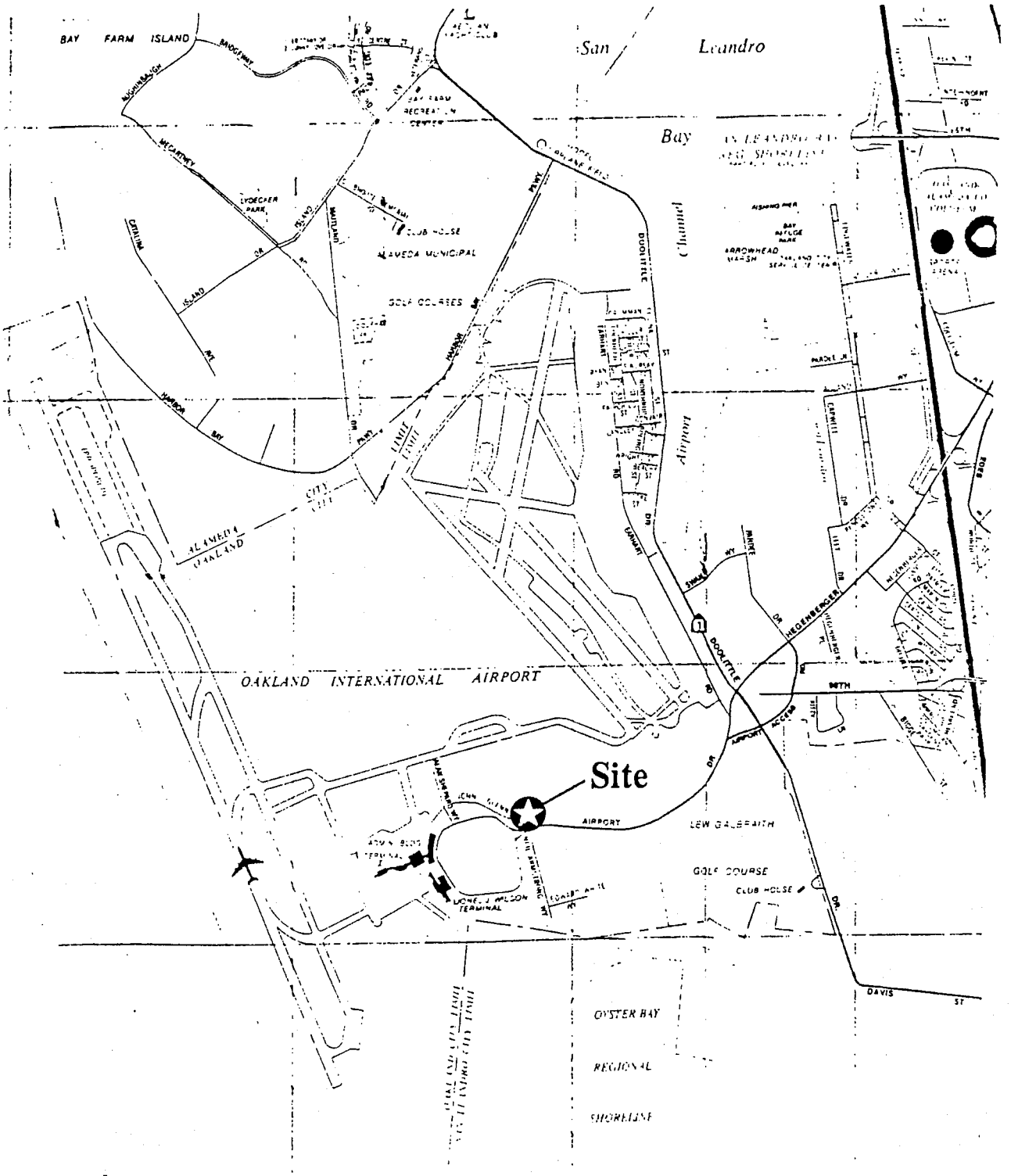
TABLE 10 – GROUNDWATER MONITORING WELL ANALYTICAL RESULTS-VOCs

Monitoring well ID#	Date	Acetone	2-Butan-one	Chloro-form	1,1-DCA	1,2-DCE	4-Methyl-2-pentanone	1,1,1-TCA	TCE	PCE	Chloro-ethane	1,2-DCA	1,1-DCE	Vinyl chloride
MW-7	05/13/98	NA	NA	NA	**8**	<1.0	NA	NA	NA	<1.0	<2.0	<1.0	**3.4**	<2.0
	12/16/98	NA	NA	<0.5	**12**	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	**5.0**	<1.0
	02/26/99	NA	NA	<0.5	**15**	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	**6.8**	<1.0
	05/20/99	NA	NA	<0.5	**19**	**0.74**	NA	<0.5	<0.5	<0.5	<1.0	<0.5	**7.3**	<1.0
	08/17/99	NA	NA	<0.5	**22**	**0.59**	NA	<0.5	<0.5	**0.52**	<1.0	<0.5	**9.6**	<1.0
	11/11/99	NA	NA	<0.5	**17**	<0.5	NA	<0.5	<0.5	<0.5	<1.0	<0.5	**6.8**	<1.0
	03/23/00	NA	NA	<1.0	**16**	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	**5.6**	<1.0
	05/24/00	NA	NA	<1.0	**16**	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	**5.6**	<1.0
	07/10/00	NA	NA	<1.0	**26**	**1.1**	NA	<1.0	<1.0	**1.8**	<1.0	<2.0	**9.8**	<1.0
	08/31/00	NA	NA	<1.0	**22**	**1.2**	NA	<1.0	<1.0	**1.1**	<1.0	<2.0	**9.5**	<1.0
	01/11/01	NA	NA	<1.0	**18**	<1.0	NA	<1.0	<2.0	**1.5**	<1.0	<1.6	**7.7**	<1.0
MW-8	05/13/98	NA	NA	NA	**180**	**1.9**	NA	NA	NA	<1.0	<2.0	**2.7**	**180**	**6.0**
	12/16/98	NA	NA	<0.5	**440**	**1.2**	NA	<0.5	<0.5	<0.5	<1.0	**10**	**520**	**6.6**
	02/26/99	NA	NA	<2.5	**390**	<2.5	NA	<2.5	<2.5	<2.5	<5.0	**6.9**	**490**	**10**
	05/20/99	NA	NA	<0.5	**410**	**1.2**	NA	<0.5	<0.5	<0.5	<1.0	**8.3**	**480**	**3.9**
	08/17/99	NA	NA	<2.5	**500**	<2.5	NA	<2.5	<2.5	<2.5	<5.0	**11**	**700**	<5.0
	11/11/99	NA	NA	<5.0	**300**	<5.0	NA	<5.0	<5.0	<5.0	<10	**7.5**	**340**	<10
	03/23/00	NA	NA	<10	**240**	<10	NA	<10	<10	<10	<10	<20	**230**	<10
	05/24/00	NA	NA	<10	**240**	<10	NA	<10	<10	<10	<10	<20	**230**	<10
	07/10/00	NA	NA	<10	**380**	<10	NA	<10	<10	<10	<10	<20	**420**	<10
	08/31/00	NA	NA	<10	**310**	<10	NA	<10	<10	<10	<10	<20	**380**	<10
	01/11/01	NA	NA	<10	**260**	<10	NA	<10	<20	<6.0	<10	<16	**300**	<10
Duplicate	01/11/01	NA	NA	<10	**250**	<10	NA	<10	<20	<6.0	<10	<16	**290**	<10

---(1) = Not sampled due to free product in well
NA = Not analyzed

REGIONAL LOCATION

Figure 1

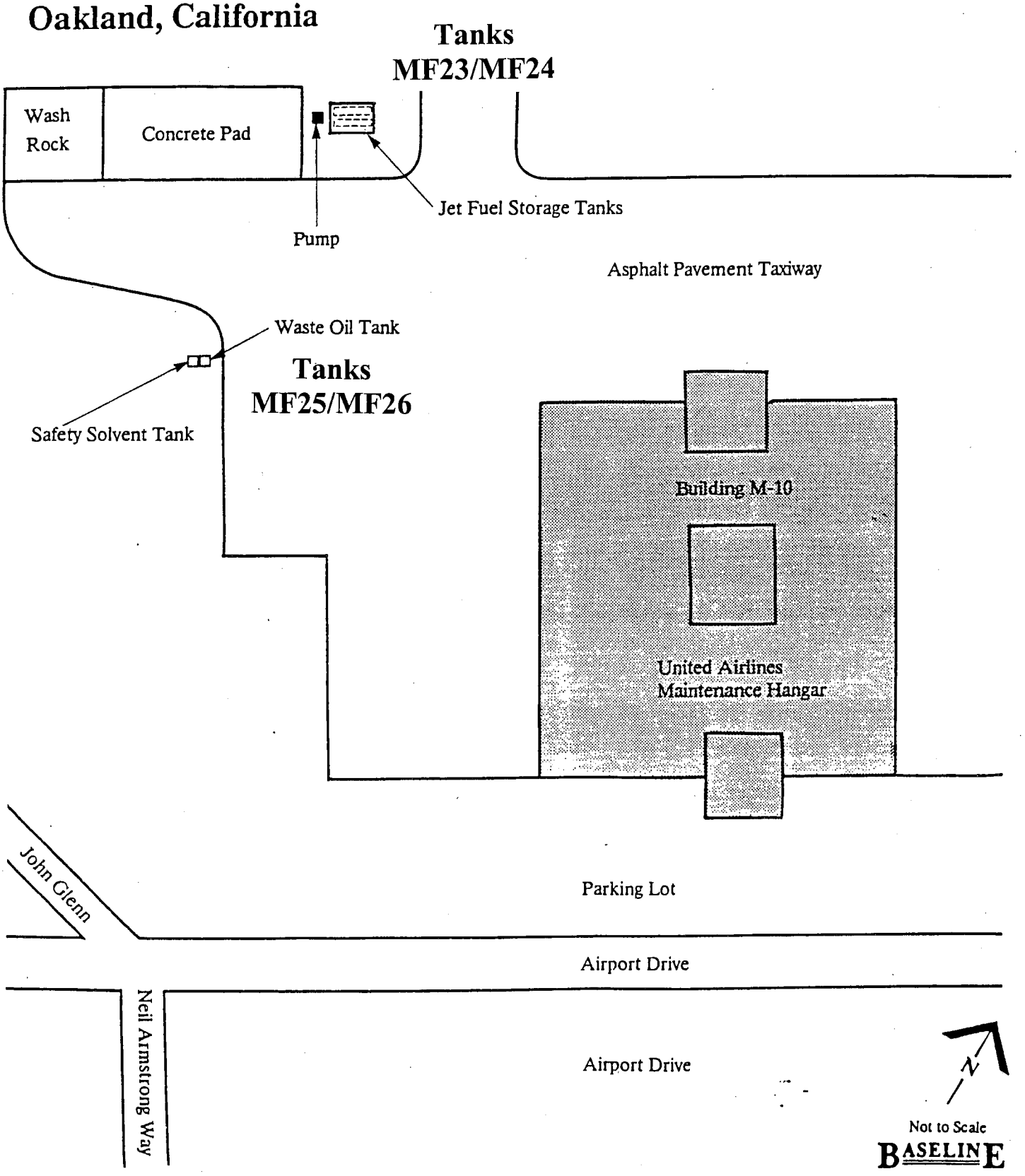


Building M-110
United Airlines
Maintenance Hangar

BASELINE

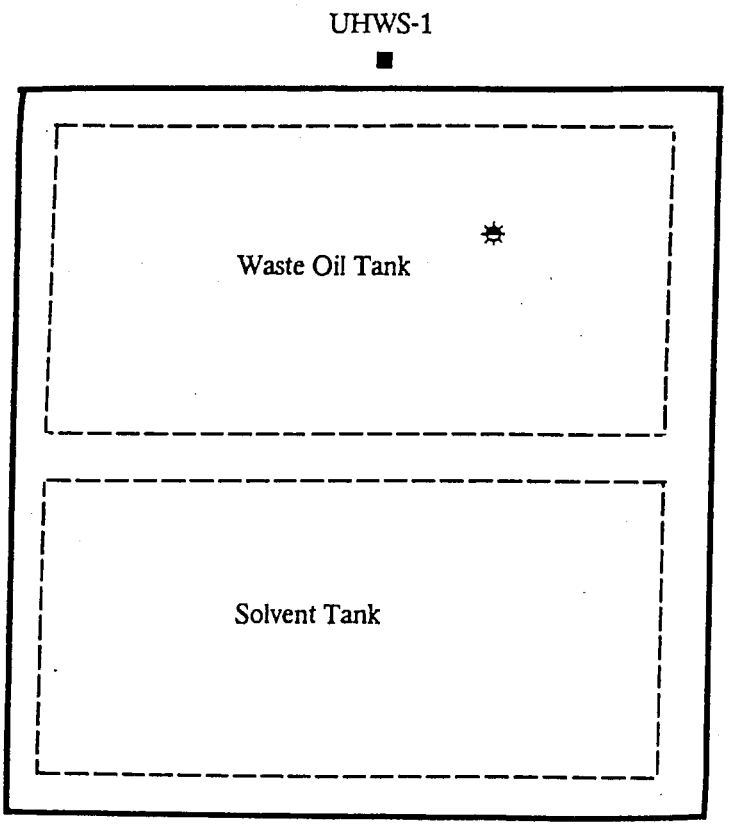
GENERAL SITE PLAN
United Airlines Maintenance Hanger
Oakland International Airport
Oakland, California

Figure 2



SITE LOCATION
Waste Oil Tank and
Safety Solvent Tanks
United Airlines
Maintenance, Hanger

Figure 3



Legend:

■ Soil Sampling Location

✲ Oil Fill Pipe

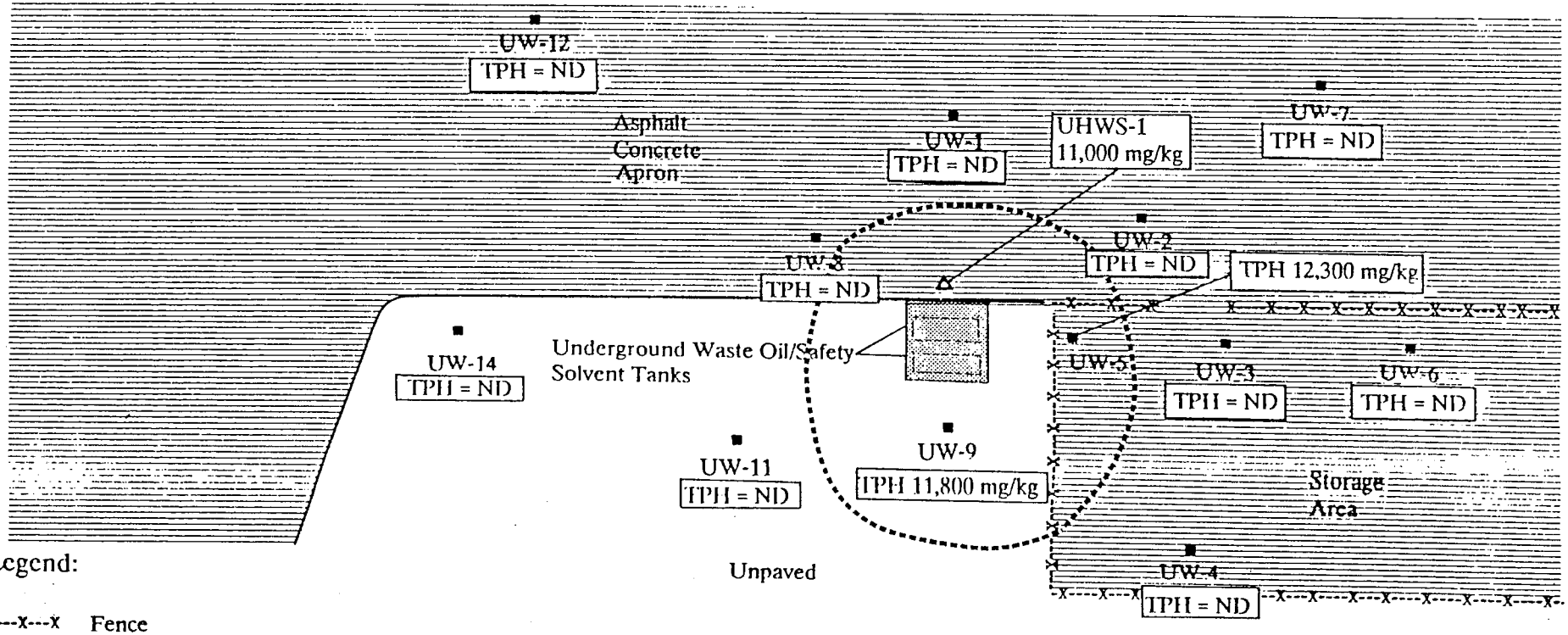
N

Not to Scale

BASELINE

SAMPLING LOCATIONS AND TPH RESULTS
Waste Oil/Safety Solvent Storage Tank Area
United Airline Maintenance Hangar
Building M-110

Figure 4



Legend:

-x---x---x- Fence

Concrete Pad

Asphalt Concrete

△ UHWS-1 Soil Sample Locations 10/4/88

■ UW-1 Soil Sample Locations 12/28/88

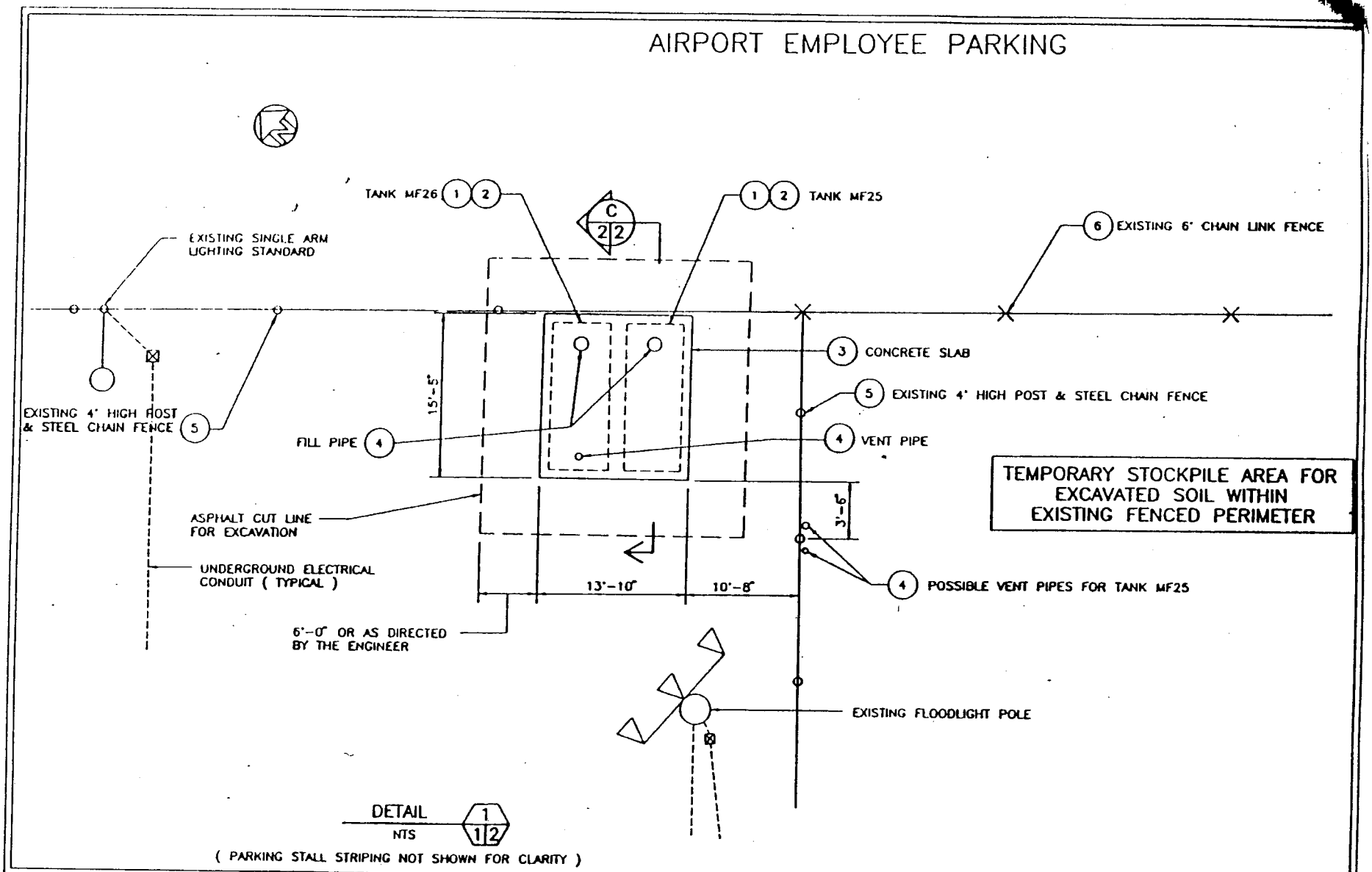
ND = Compound Not Detected

Estimated Extent of TPH Contaminated Soils Above 100 mg/kg

Note: TPH Values are an addition of jet fuel and gasoline concentrations

0 20 Feet

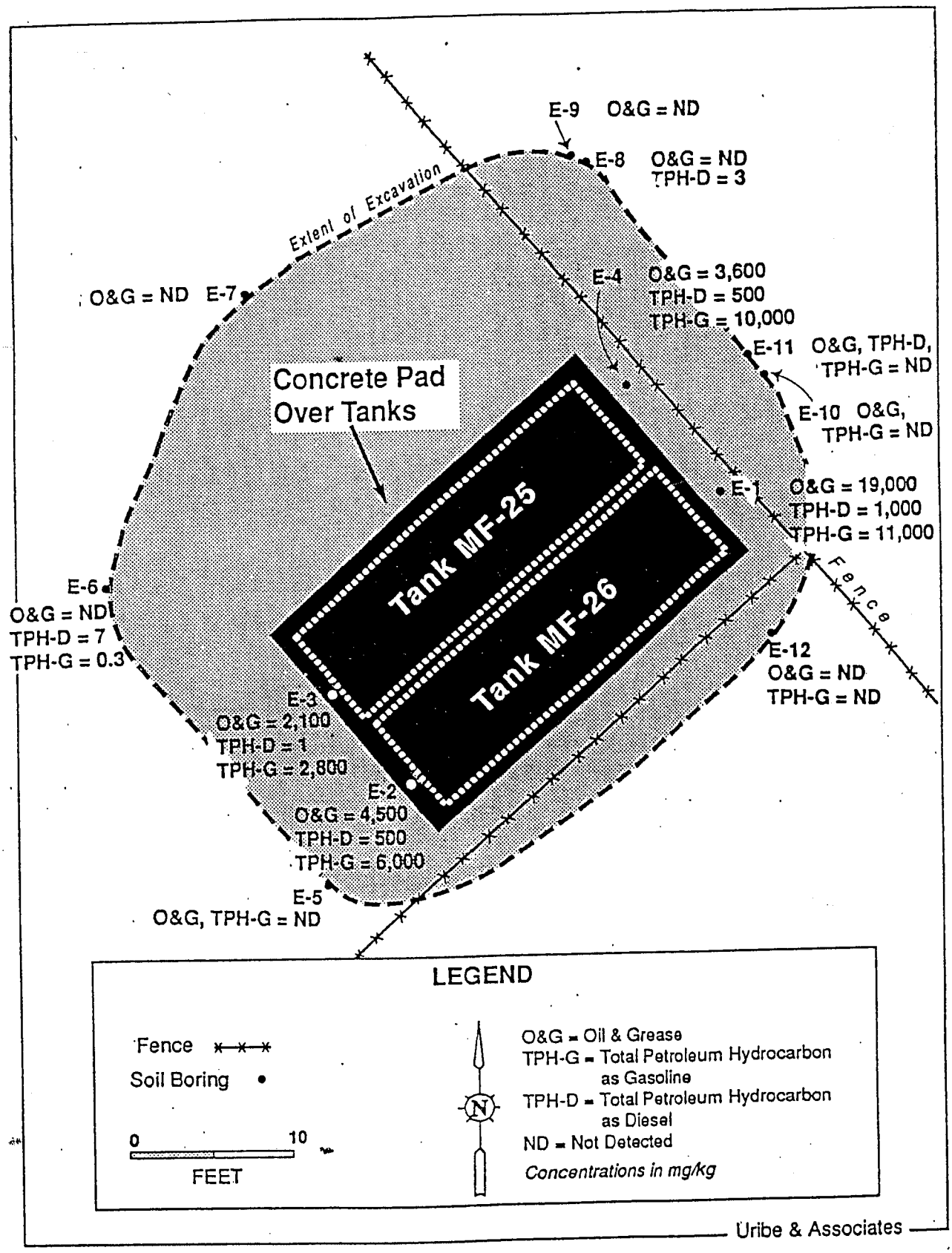
BASELINE



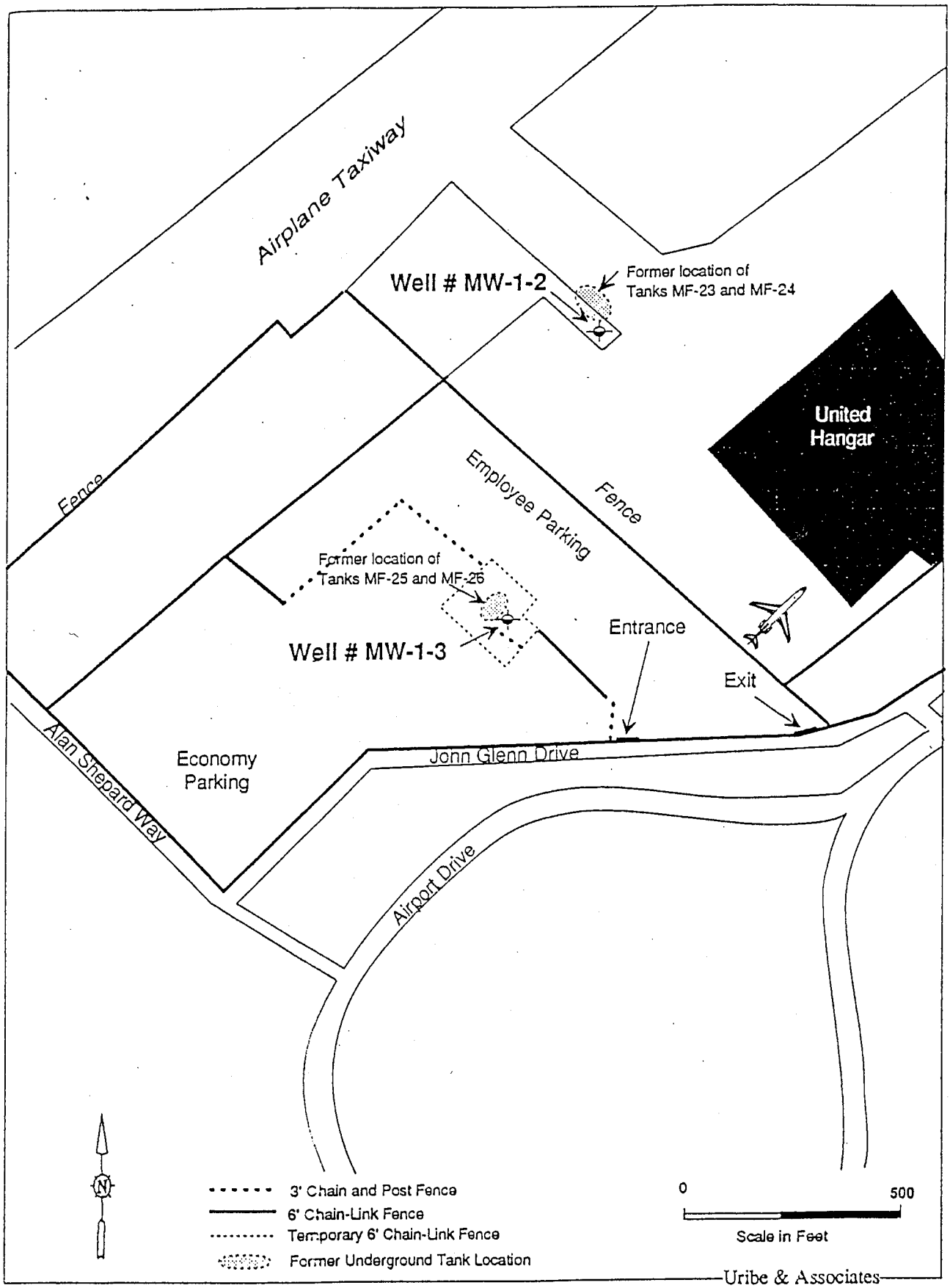
SITE PLAN
PORT OF OAKLAND
1100 AIRPORT DRIVE
OAKLAND, CA 94621

Figure 5

Figure 6



Soil Sampling Locations Near Excavated Tanks



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

Figure 7

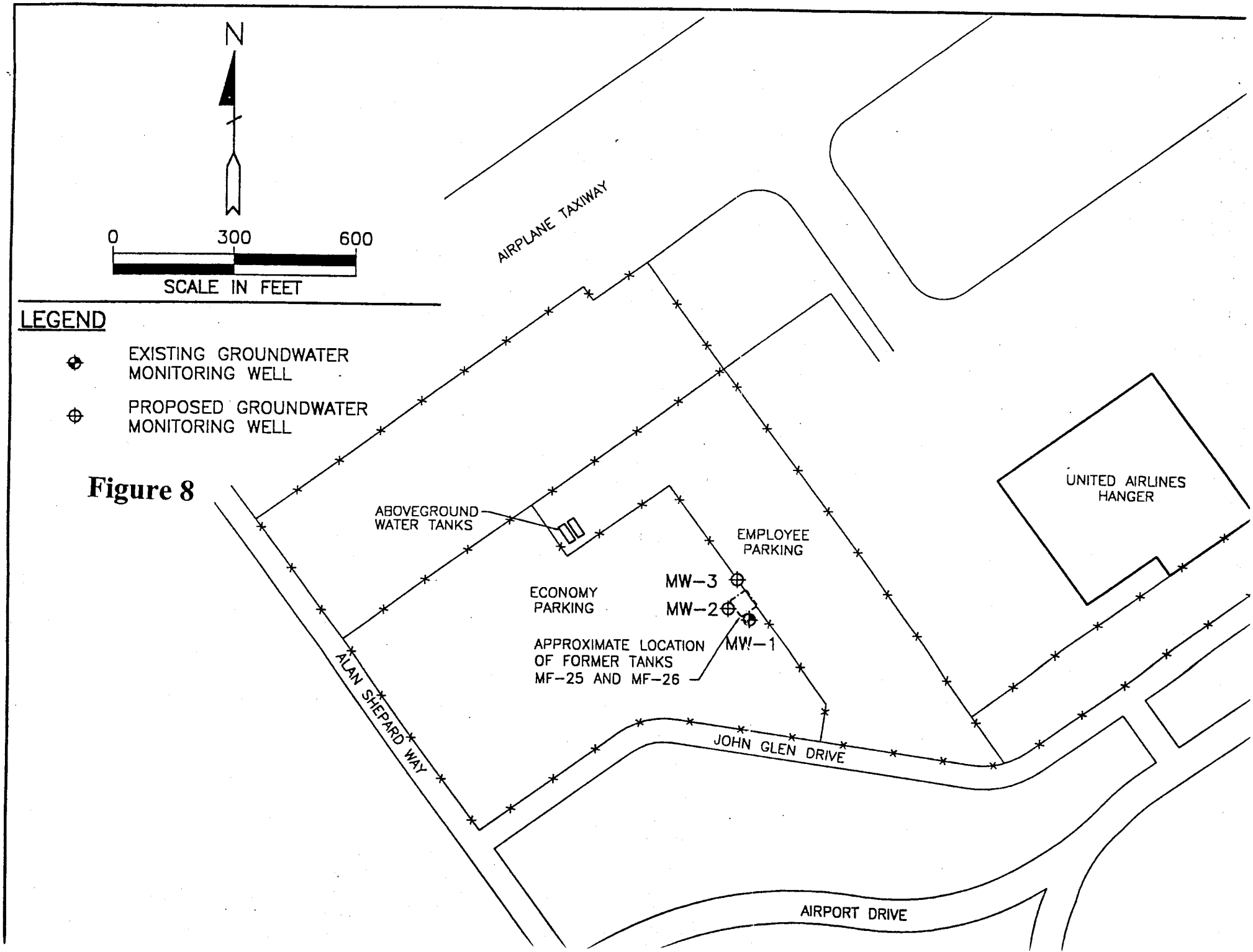
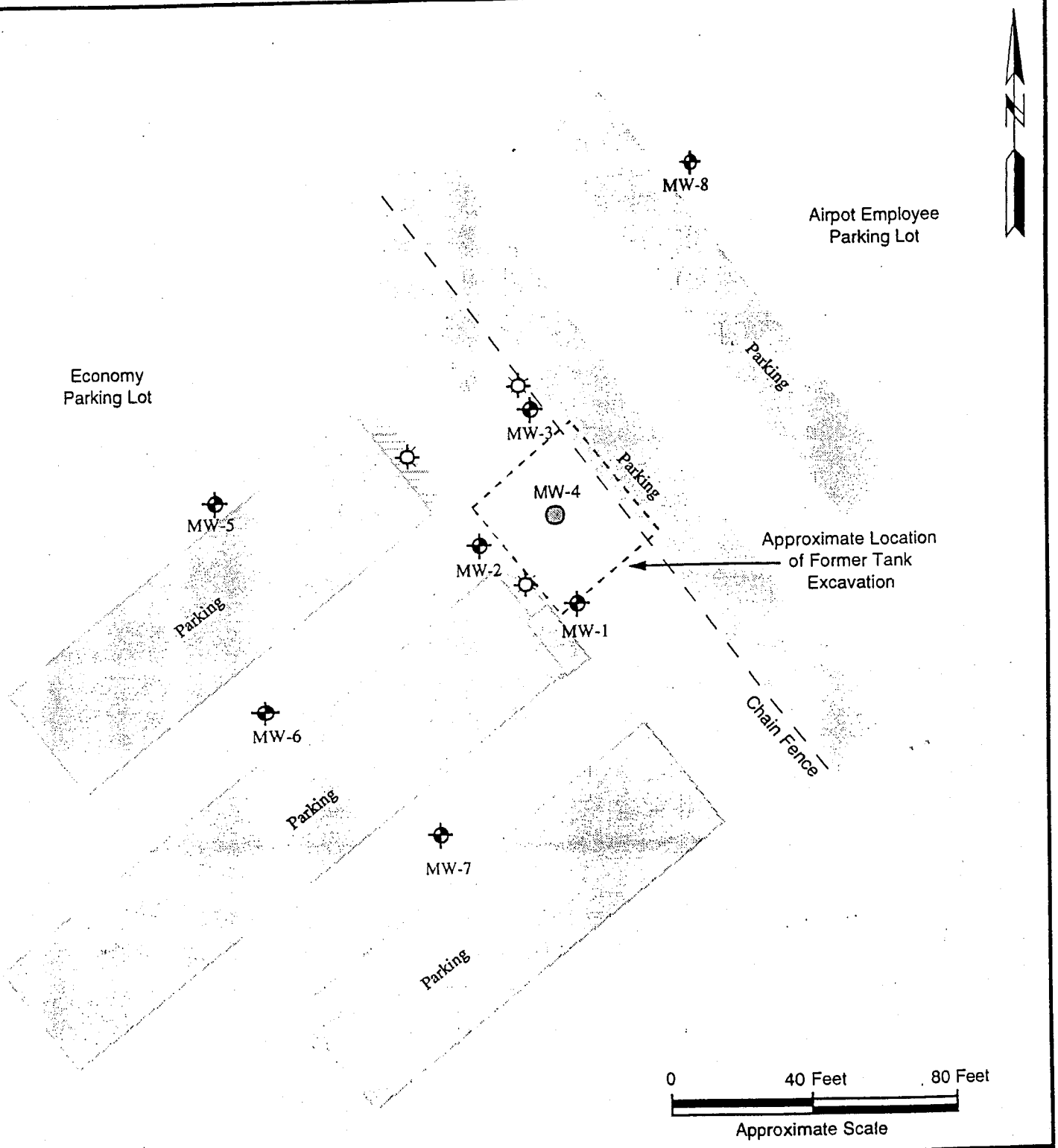

N
0
300
600
SCALE IN FEET
LEGEND
EXISTING GROUNDWATER MONITORING WELL
PROPOSED GROUNDWATER MONITORING WELL
AIRPLANE TAXIWAY
UNITED AIRLINES HANGER
ABOVEGROUND WATER TANKS
EMPLOYEE PARKING
ECONOMY PARKING
MW-3
MW-2
MW-1
APPROXIMATE LOCATION OF FORMER TANKS MF-25 AND MF-26
ALAN SHEPARD WAY
JOHN GLEN DRIVE
AIRPORT DRIVE

Figure 8



Legend
- Monitoring Well
- Remediation Well
- Light Pole

Figure 9

APPROXIMATE LOCATIONS OF NEW AND EXISTING MONITORING WELLS

United Airlines Hangar-Economy Parking Lot Site
Oakland International Airport
1100 Airport Drive

PORT OF OAKLAND

ITSI
INNOVATIVE TECHNICAL SOLUTIONS, INC.

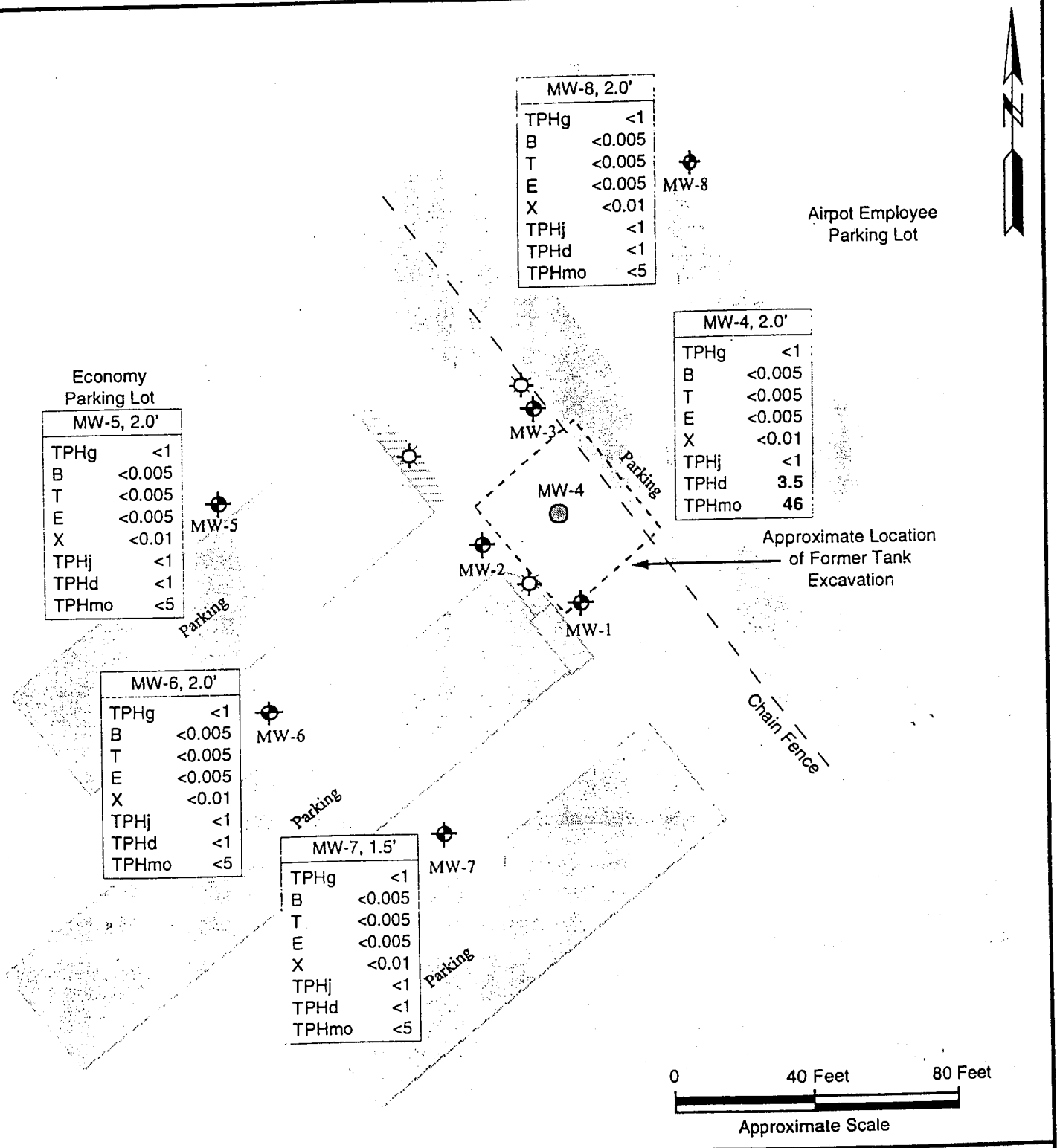


Figure 10

PETROLEUM HYDROCARBONS IN SOIL IN NEWLY INSTALLED MONITORING WELLS

United Airlines Hangar-Economy Parking Lot Site
Oakland International Airport
1100 Airport Drive

PORT OF OAKLAND

ITSI
INNOVATIVE TECHNICAL SOLUTIONS, INC.

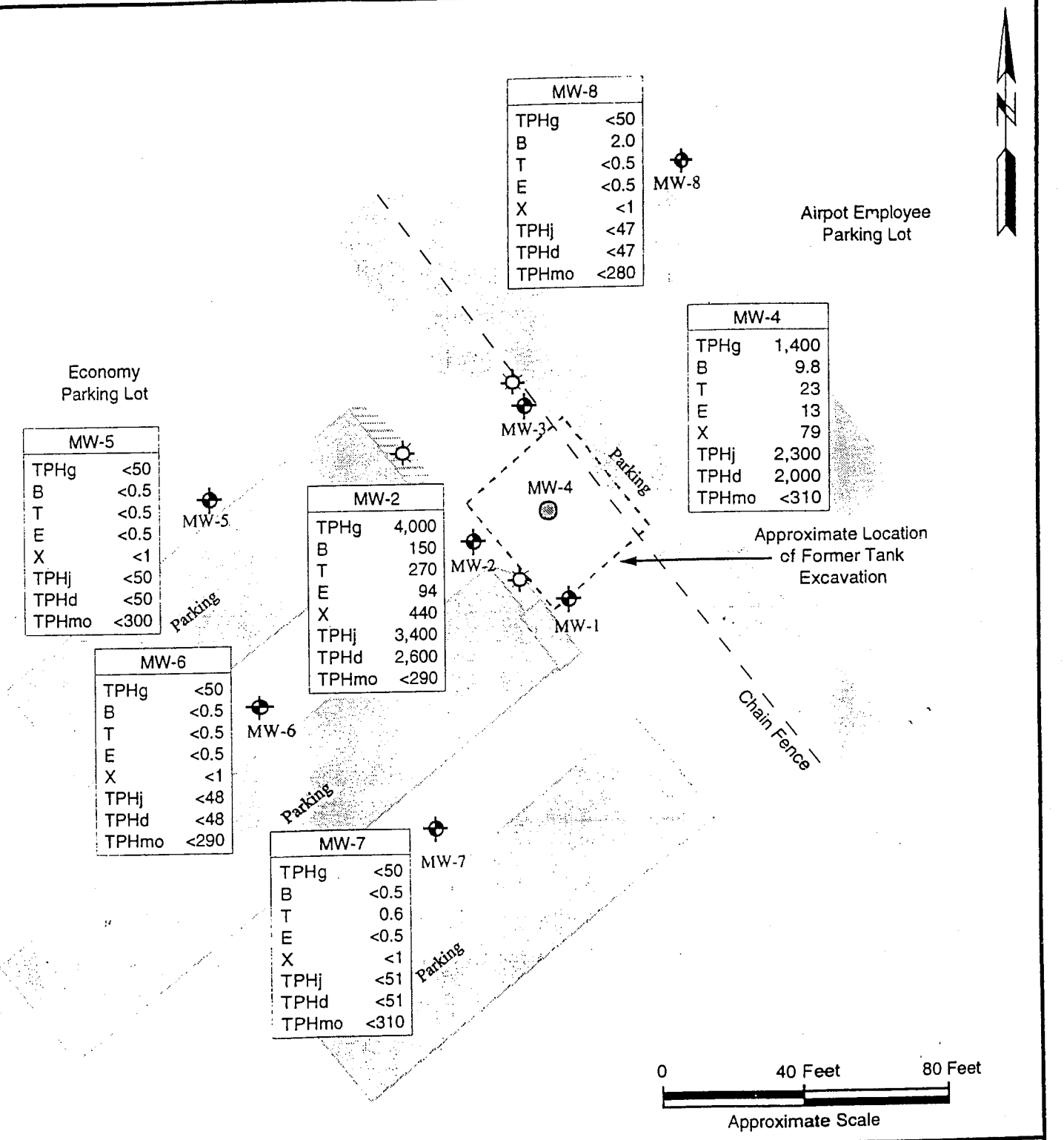


Figure 11

PETROLEUM HYDROCARBONS IN WATER IN NEWLY INSTALLED MONITORING WELLS

United Airlines Hangar-Economy Parking Lot Site
Oakland International Airport
1100 Airport Drive

PORT OF OAKLAND

INNOVATIVE TECHNICAL SOLUTIONS, INC.

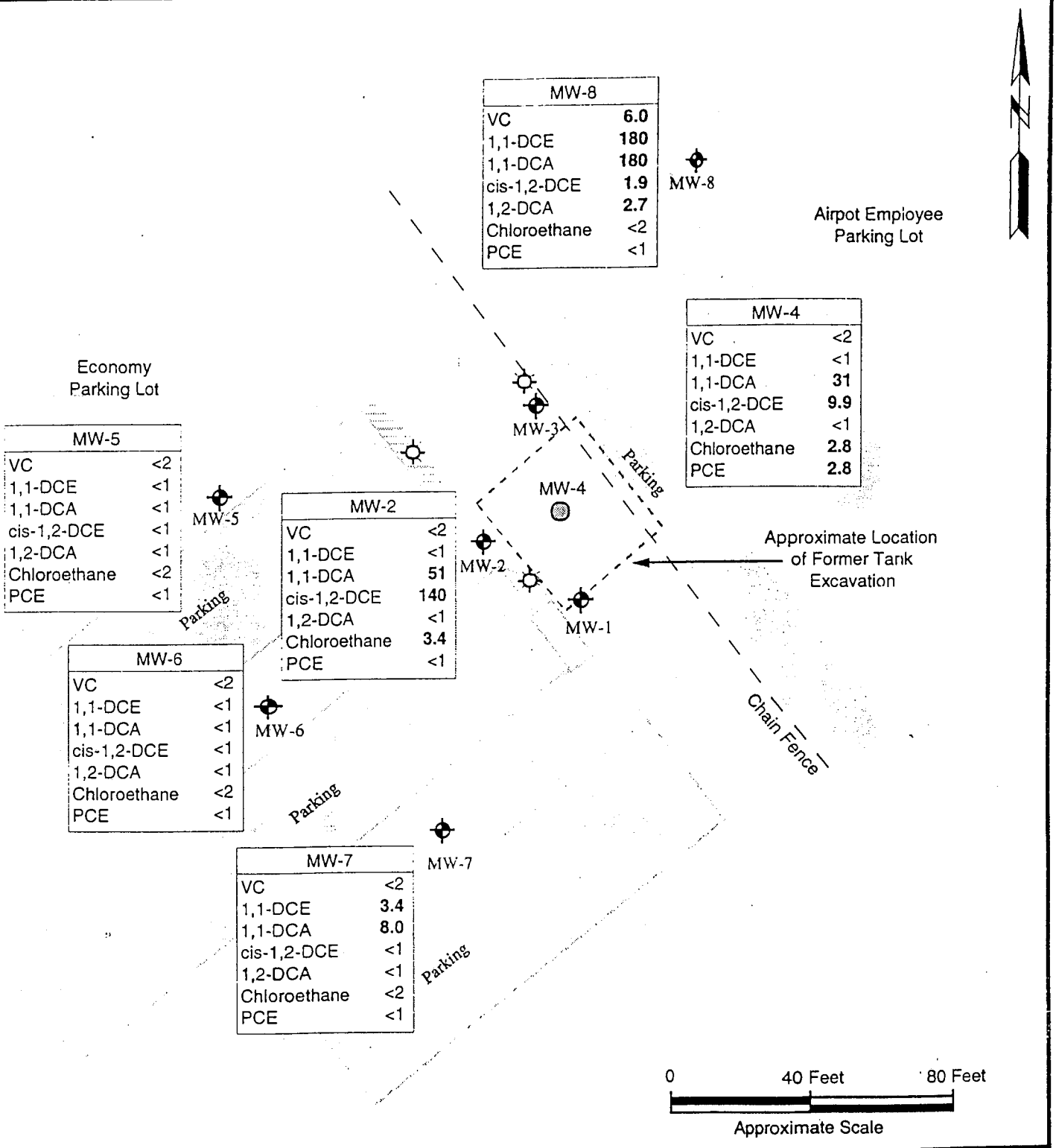


Figure 12

VOCS IN WATER IN NEWLY INSTALLED MONITORING WELLS

United Airlines Hangar-Economy Parking Lot Site
Oakland International Airport
1100 Airport Drive

PORT OF OAKLAND

INNOVATIVE TECHNICAL SOLUTIONS, INC.

Appendix E

Quality Assurance/Quality Control Review

Table of Contents

E.1 INTRODUCTION

Data associated with the 2003, 2006, and 2011 sampling for the Former United Airlines Oakland Maintenance Center (OMC) was evaluated for quality assurance and quality control (QA/QC) in accordance with EPA guidelines. These data were reviewed for the QA/QC elements of precision, accuracy and contamination.

The QA/QC parameters reviewed during data evaluation include the following.

- Holding Times – Holding times were checked to see if they were in excess of EPA guidelines. Holding times were calculated using analysis date, preparation date, and/or test date in relation to sampling date.
- Method Blanks – Blank analyses were reviewed for evidence of potential contamination.
- Laboratory Control Samples (LCS) – Recoveries and relative percent differences were reviewed as a check for analytical accuracy and precision.
- Matrix Spikes (MS) – Spike and spike duplicate recoveries and relative percent differences were reviewed as a check for analytical precision and accuracy.
- Sample Surrogate Spikes – Spike recoveries were reviewed as a check for accuracy.

The following EPA qualifications were used when deemed necessary for organic results.

- "U" – The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- "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.
- "R" – The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The following EPA qualifications were used when deemed necessary for inorganic results.

- "U" – The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- "J" – The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- "J+" – The result is an estimated quantity, but the result may be biased high.
- "J-" – The result is an estimated quantity, but the result may be biased low.
- "UJ" – The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

- "R" – The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample.

This document is a review of the data reported by Sequoia Analytical (2003), Entech Analytical Labs, Inc. (2003), Curtis & Tompkins, Ltd (2006) and TestAmerica (2011). Below is a brief discussion of each of the QA/QC elements reviewed and the relevant findings.

E.2 REQUESTED ANALYSIS

Tables D-1 and D-2 list the samples that were reviewed as part of this QA/QC evaluation. All laboratory data reports included in the Site Investigation and Risk Assessment Report (ERM 2004), the Groundwater Sampling and Analysis Report (SCA Environmental Inc. 2006) and the Letter Report for Additional Investigations of Former Tanks MF-25 and MF-26 (Kennedy-Jenks Consultants 2012) were evaluated. Although all available laboratory reports were reviewed, additional data was found in the OMC project database. The additional data found in the OMC project database were not evaluated as part of this QA/QC effort. These data were qualified as unknown quality (flagged Q) because of the lack of QA/QC documentation.

E.3 SAMPLE HANDLING

Sample handing information was included with the 2006 and 2011 sampling data. The 2006 and 2011 samples were received in good condition and under chain of custody (COC)[1] with the following exceptions. The cooler temperature associated with samples collected on 6/27/2006 was above recommended guidelines (4°C ±2°C). All organics associated with samples transported in this cooler are qualified as estimated values (flagged J or UJ)[2].

In general, the 2003 data reports from Sequoia Analytical (for samples collected from 4/14 to 4/18/2003 and on 5/9/2003) did not include COCs or sample handling information. However, samples collected under this program were preserved with ice, as indicated by those COCs that were included with the data reports, and the majority of these samples were delivered to the laboratory on the day the samples were collected. All other samples were received the next day[3]. The 2003 data reports from Entech Analytical Labs, Inc. indicate that appropriate sample handling and preservation techniques were followed. Although some sample handling documentation was missing, samples results were not qualified for sampling handling practices for the above reasons.

E.4 HOLDING TIMES

Samples were analyzed within recommended holding times with the following exceptions. SVOCs were extracted outside holding time for W-B-2, sampled on 4/14/2003. These SVOC results were qualified as estimated and flagged UJ.

[1] The 2011 data reports did not include the COC, but data report included a sample receipt checklist that indicated that the samples were received under COC and the temperature of the coolers.
[2] Samples include ERM-MW-1, ERM-MW-2, ERM-MW-3, ERM-MW-4, ERM-MW-5, ERM-MW-6, ERM-MW-11, ERM-MW-12, ERM-MW-13, ERM-MW-14, UAL-MW-1, UAL-MW-2, UAL-MW-3, and P-1/UAL-MW-4.
[3] Several sample containers were sent to the laboratory with the request for analysis "on hold". Samples that were requested at a later date were logged in by the laboratory with the date requested as the receiving date.

E.5 METHOD BLANKS AND TRIPBLANKS

Method blanks consist of clean laboratory matrix that is carried through each step of the analysis with the environmental samples for each parameter. Method blanks indicate laboratory sources of contamination. Tripblanks are laboratory supplied sample containers filled with reagent water that travel with the cooler. Tripblanks indicate shipping and laboratory sources of contamination of volatiles organics. The following criteria were used evaluating batch data with blank contamination.

For organics:

- If the sample result was less than the blank contamination, the sample result was qualified as non-detect at the blank concentration (and flagged U);
- If the sample result was less than two times the blank concentration, the sample result was qualified as estimated (and flagged J); and
- If the sample result was greater than two times the blank concentration, qualification of the sample result was not considered necessary.

For inorganics:

- If the sample result was less than the blank concentration, the sample result was qualified as non-detect (and flagged U);
- If the sample result was less than ten times the blank concentration, the sample result was qualified as estimated (and flagged J or J+); and
- If the sample result was greater than ten times the blank contamination, qualification of the sample result was not necessary.

Method blanks were analyzed in all analytical batches with project samples, with the exception of one analytical batch for TPH-g. In four of the five project samples analyzed in this batch, the TPH-g results were non-detect and these samples were not qualified due to lack of a method blank. However, sample ERM-MW-09 (collected on 5/9/2003) was qualified as estimated and flagged J, because the method bank was not reported.

Method blanks and tripblanks were typically non-detect for target analytes, however some method blanks or tripblanks were contaminated with methylene chloride, MTBE, chloroform, TPH-d (after silica gel clean-up), beryllium, or zinc. Where the method blanks or trip blanks were contaminated, but project samples in the same batch were non-detect for these analytes, sample qualification is not necessary. Table D-3 lists the samples that have detected concentrations and associated method blanks or tripblanks with contamination.

E.6 SURROGATE SPIKES

Surrogate standards are analytes added to a sample at a known concentration in order to determine efficiency of analyte recovery. Surrogate standards are analytes chemically similar to target compounds. Surrogates are spiked into samples at the time of sample preparation. Surrogate spike recoveries were generally within laboratory generated control limits, however, recoveries of some surrogates were consistently biased high or low due to either matrix

interferences or poor performance of the analytical system[4]. Table D-4 lists the samples that were qualified based on surrogate recovery.

The following criteria were used to evaluate surrogate recovery in project samples.

- If the surrogate recovery was not reported by the laboratory, the target compound was qualified as estimated and flagged J or UJ.
- If surrogate recovery was below laboratory control limits, the target compound was qualified as estimated and flagged J, J-, or UJ; or rejected and flagged R if recoveries were less than 10%.
- If surrogate recovery was above laboratory control limits and the target compound was detected in the sample, the results were qualified as estimated and flagged J or J+.
- If surrogate recovery was above laboratory control limits, but the target analyte was not detected in the sample, the results were not qualified.

Sample extracts for TPH were often diluted when initial results were out of the calibration range (rather than reextracted and reanalyzed) during the analysis of the 2003 and 2011 samples. Surrogate recoveries for these diluted samples had a high bias or were not reported in the data packages.

BFB (4-bromoflorobenzene) is spiked into project samples during VOC analysis as a surrogate for aromatic hydrocarbon compounds. BFB was above the laboratory control limits for most of the 2003 samples and was often above control limits in laboratory generated samples such as the blank or laboratory control samples (LCS). Samples were qualified according to the above criteria.

During SVOC analysis, three acid extractable surrogates and three base/neutral surrogates are spiked into samples. Sample results were qualified if more than one acid or base/neutral surrogate was outside of laboratory control limits.

E.7 LABORTORY CONTROL SAMPLES

Target compounds are spiked in the LCS. LCS/LCSD (or blank spikes) are well-characterized, laboratory-generated samples used to monitor the laboratory's day-to-day performance for analyses and assess the accuracy of the analytical process independent of matrix effects. LCS recoveries were typically within laboratory generated control limits. Exceptions are described below and/or listed in Table D-5.

An LCS for TPH-d was not analyzed in one analytical batch during the 2003 sampling. For the 2003 data, an LCS was not analyzed for TPH-g when this compound was analyzed concurrently with BTEX (i.e., by EPA method 8015M). The associated samples were qualified as described in Table D-5.

In the 2003 data from Sequoia Analytical, the analytical spikes for metals (by method 6010A or 6010B) did not include antimony, barium, beryllium, cobalt, copper, lead, molybdenum, selenium, silver, thallium, or vanadium. Because there is no information about accuracy or

[4] Low surrogate recoveries in method blanks and laboratory control samples, as well as the project samples, indicate issues with analytical procedures in the laboratory.

precision for these compounds (e.g., metals do not have surrogates), data was qualified as estimated and flagged J or UJ.

E.8 MATRIX SPIKES

MS/MSD samples are analyzed to evaluate matrix interference for an analytical batch and to assess accuracy and precision. Qualification of project samples is not necessary on the basis of MS/MSD results alone. MS/MSD recoveries are used in conjunction with other QC information to indicate the overall analytical performance. MS/MSD results used to qualify project samples are discussed in Tables D-3, D-4 and D-5.

E.9 FIELD DUPLICATES

Field duplicates are analyzed and RPDs are calculated to evaluate precision. The following criteria were used for validation of field duplicate results. Where both the sample and duplicate values are greater than 5 times the reporting limit, acceptable sampling and analytical precision is indicated by an RPD for the duplicate pair of less than or equal to 20 percent for water samples and 35 percent for soil samples. Where one or both analytes of the duplicate pair are less than 5 times the reporting limit, satisfactory precision is indicated if the field duplicate results agree within the higher reporting limit for water samples and 2 times the higher reporting limit for soil samples.

Field duplicate results were previous analyzed for the 2003 dataset in the Site Investigation and Risk Assessment Report (ERM 2004). Sample results were outside of the criteria for the following samples and parameters: ERM-MW-1 (sampled 5/9/2003) for 1,2-dichloroethane, p-isopropyltoluene, and naphthalene. These analytes in the duplicate samples were qualified as estimated and flagged J. The parent samples for field duplicates were not indicated in the 2006 and 2011 dataset.

E.10 OTHER DATA QUALITY ISSUES

In addition to discrepancies in the elements discussed above, the following data quality issues were also identified:

- The laboratory indicated that thallium detections may be a false positive due to matrix interferences. Thallium was not spiked in the LCS or MS/MSD so matrix effects could not be evaluated. Because of this thallium detections in the 2003 data from Sequoia Analytical (by method 6010A or 6010B) were rejected and flagged R.
- The continuing calibration verification (CCV) for acetone had a high bias prior to the analysis of B-6-6 and B-13-4 (samples collected on 8/30/2011). These acetone results were qualified as estimated and flagged UJ due to the poor performance of the analytical check sample.
- Gasoline exceeded the calibration range for sample ERM-B-7 (collected 4/15/2003) and therefore the result was qualified as estimated and flagged J.
- QC information for blanks and spike samples was not included in the data package for alkalinity, chloride, nitrate, and sulfate for samples collected on 11/6/2003. These data

(ERM-MW-01, ERM-MW-02, ERM-MW-05, UAL-MW-1, UAL-MW-2, and P-2/UAL-MW-5) were qualified as estimated and flagged either J or UJ.

- The chromatograms for TPH often indicate non-standard patterns, such as discrete peaks. When the laboratory reported a non-standard pattern in a TPH result, these data were flagged Y. Table D-6 lists the results with non-standard TPH pattern.

E.11 SUMMARY

QC discrepancies were found in each if the major areas evaluated: sample handling, holding times, laboratory control samples, matrix spikes and sample surrogate spikes. Results were qualified as estimated based on these discrepancies. Only a small portion of the data was rejected because of serious deficiencies in meeting quality control criteria.

Although all available laboratory reports were reviewed, additional data was found in the OMC project database. The data without laboratory data reports were qualified as having unknown quality (and flagged Q) because of the lack of QA/QC documentation.