AR_N00236_000386
ALAMEDA POINT
SSIC NO. 5090.3.A

Technical Memorandum

Site Name	CAA 3 (CAAs 3A, 3B, 3C)
Reporting Period	January through March 2008: Dual Vacuum Extraction (DVE) Operations
Project Objectives	The project objective is to remove separate-phase, dissolved-phase, and vapor-phase petroleum hydrocarbons from Corrective Action Area (CAA) 3 (Figure 1). Removal via DVE will continue until mass removal rates become asymptotic and/or minimal amounts of mass can be extracted. Application of a supplemental technology may then follow to address dissolved-phase and sorbed-phase hydrocarbons. This corrective action is being performed under the Alameda Point Petroleum Program and pursuant to the *Final Project Plans, Petroleum Corrective Action Areas 3A, 3B, 3C, 5B West, C, and 13 East, Alameda Point, Alameda, California,* dated May 9, 2007, and Contract Task Order 0011. The Navy, in conjunction with the Water Board and the Department of Toxic Substances Control, developed the Total Petroleum Hydrocarbon (TPH) Strategy for fuel related clean-ups at Alameda Point, which is described in the *Preliminary Remediation Criteria and Closure Strategies for Petroleum-Contaminated Sites at Alameda Point, Alameda, California* (U.S. Department of the [Navy], 2001). The Strategy outlines an investigation process and establishes Preliminary Remediation Criteria (PRC) protective of human and ecological health (Table 1) for corrective petroleum actions at Alameda Point.
Land Use	CAA 3 is an approximately eight-acre site that is located in the eastern portion of Alameda Point. Originally tidal flats, the area was filled and developed by the end of World War II. CAA 3 is subdivided into three areas designated as CAAs 3A, 3B, and 3C. Currently, Building 398 at CAA 3A is occupied by tenants operating an engine testing facility and electronics recycling business. CAA 3B is primarily paved open space and CAA 3C includes the westbound portion of Atlantic Avenue and a landscaped island at the base entrance. The proposed future use of CAA 3 is mixed use, classified as the Civic Core with major emphasis on Research and Development/Industrial uses (Alameda Reuse and Redevelopment Authority [ARRA], 1996). Mixed use includes light industry, office, civic, residential, educational, recreational, and commercial. The Preliminary Development Concept proposes commercial mixed use at CAAs 3A, 3B, and 3C (ARRA, 2006). A commercial mixed use designation for future land use allows for the possibility of residential zoning, which requires application of the more stringent residential use clean-up levels.
Water Use	A beneficial groundwater use study conducted by Tetra Tech (2000) identified the shallow groundwater beneath sites 3A, 3B, and 3C, as Class II (a potential source of drinking water) per U.S. Environmental Protection Agency (EPA) guidelines (EPA, 1988). The Class II designation may require final groundwater clean-up levels to be consistent with drinking water standards so as to address possible human health impacted from the ingestion of groundwater.
Comparison Criteria	Total petroleum hydrocarbon-related constituents are screened against the PRCs developed for Alameda Point (Navy, 2001). The PRCs are selected for each site based on proposed land reuse (ARRA, 1996), groundwater designation (Tetra Tech, 2000) and potential exposure pathways (Navy, 2001). These PRCs and additional comparison criteria are listed in Table 1. Since general Alameda Point values may not be appropriate for all petroleum sites at Alameda Point, a site-specific (Tier 2) modified Johnson and Ettinger evaluation (Risk Based Corrective Action [RBCA]) using Groundwater Services, Inc. (2007) software was performed for evaluating potential human health risk at CAA 3 (Table 1).

Site Name	CAA 3 (CAAs 3A, 3B, 3C)
Comparison Criteria (Continued)	Exposure pathways evaluated using the Tier 2 study include groundwater volatilization to indoor residential air and groundwater volatilization to indoor and outdoor commercial (non-residential) air and ecological risk to surface water (aquatic life). All Tier 2 results were provided in Appendix A of the 2nd and 3rd Quarter 2007 Technical Memorandum (TM); however, only the most conservative values (residential) are summarized in Table 1 (RBCA). The potential human health threat from soil was not evaluated due to the very limited vadose-zone soil column at the site, which can be seasonally less than three feet thick. In addition, only one of the 49 soil sample locations exceeded the soil TPH Strategy PRCs for residential exposure and all soil sample locations contained hydrocarbon concentrations below the soil PRC for non-residential use. Based on the Tier 2 evaluation, only the residential "groundwater volatilization to indoor air" risk criteria was exceeded for benzene. The nearest definable surface water receptor is Seaplane Lagoon. The PRCs for ecological risk based upon a distance of greater than 250 feet from a point of TPH saturation in groundwater are not exceeded. The Tier 2 evaluation indicated source concentrations for gasoline constituents and TPH aromatics (C_7 and C_8) were not exceeded based upon Seaplane Lagoon as the surface water receptor. Site-Specific Threshold Limits for modeled parameters are presented in Table 1 and documentation associated with the evaluation was included as Appendix A of the 2nd and 3rd Quarter TM. Potentially leaking submerged/partially submerged storm drains are considered surface water receptors and these potential ecological receptors will be evaluated at a later date.
Chronological Summary of Events	January – March 2008 — Field Sampling (see "Analytical Results" section) February 13, 2008 — EBMUD 1st Quarter Compliance Sampling March 6, 2008 — Joint Water Board/Navy field meeting
Activities Performed in this Reporting Period	**DVE Operations with Compliance Monitoring:** The East Bay Municipal Utility District (EBMUD) discharge permit No. 5054981 2 was revised upon permit renewal from monthly to quarterly sampling, and from quarterly to semi-annual reporting. As per the revised conditions of EBMUD discharge permit, quarterly effluent sampling of the CAA 3 DVE Treatment System was conducted on February 13, 2008. The sample was analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs) and, oil and grease hydrocarbons. The discharge sample results were within permit limits. Sustained DVE operations at CAA 3 continued through the first quarter of 2008. During the first week of this period, the CAA 3 DVE Treatment Plant was shut down pending approval from BAAQMD to resume operations after repair to and cleaning of the catalytic oxidizer. Groundwater depths and product thicknesses were measured at CAA 3 at various times during the reporting period; these are summarized in Table 2. During active operations, average daily mass removal from CAA 3A, CAA 3B, and CAA 3C was 6 lbs, 242 lbs and 5 lbs, respectively. Through March 31, approximately 54,000 lbs of hydrocarbons had been removed from CAA 3 (Figure 2). A summary of the hydrocarbon removal history is provided in Table 3. Figure 3 identifies the current DVE wellfield and piezometer locations, as well as the product thicknesses detected during this reporting period. **Joint Water Board/Navy Field Meeting on March 6:** A meeting with John West (Water Board) was conducted at the site on March 6. Key subjects discussed included remedial progress at CAA 3, and the future wellfield expansion.

Site Name	CAA 3 (CAAs 3A, 3B, 3C)
Planned Activities	**Utility Corridor Investigation** A utility corridor investigation is being planned for late fall and early winter of 2008 to assess to what extent the utilities traversing CAA 3 may have historically acted as preferential pathways for the migration of petroleum. The storm sewer, sanitary sewer, and electrical conduits are of particular concern. Preparation of a Work Plan Addendum (WPA) and Sampling and Analysis Plan Addendum (SAPA) for this work will proceed the beginning of June. Field meter readings of vapor levels, and some isolated Summa canister vapor analytical samples will be taken in support of the preparation of this WPA and SAPA.. **DVE Wellfield Expansion and Treatment Plant Modifications** As discussed in the last quarterly technical memorandum, an expansion of the CAA 3 DVE wellfield is planned. The conceptual design of the wellfield expansion is provided in Figure 4 and is currently being refined. Expansion of the wellfield between and within CAA 3A and 3B (i.e., north of Atlantic Avenue and west of Orion Street) will be done in latter May and June, while the expansion of the system along Atlantic Avenue and west of CAA 3C will be done in July. The CAA 3 treatment plant will be taken offline in June to allow for a changeout of the vapor treatment technology from catalytic oxidation (catox) to thermal oxidation (thermox). During this same period, the surface manifolding within the fenced area of CAA 3A and 3B will be built out to the new DVE wells. Operations of the expanded CAA 3A/3B wellfield within the fenced area will resume in early July. Subsurface manifolding to the wells on the north side of Atlantic Avenue (but outside the fence area of CAA 3B) and west of CAA 3C will be done in latter July, with these wells then being available for extraction operations beginning in early August. The expanded wellfield will be operated and monitored as a single, large remedial site. Beginning in June, an addendum to the current project SAP will be prepared which will realign monthly operational site monitoring and sampling with the configuration of the expanded wellfield. A final version of this document will be supplied to the agencies once complete.
System Configuration	Additional wells at CAA 3B were placed online during this reporting period as capacity became available, with all CAA 3B wells being online by February 12. Stinger depths have been typically between seven and ten feet bgs. Select wells at CAA 3A and 3C were also online during this reporting period.
Analytical Results	During the piezometer installation of the DDI, soil samples were taken between 2.5 and 5 feet bgs. The samples were analyzed for TPH fractions (EPA Method 8015), VOCs (EPA Method 8260), and lead (EPA Method 6010). The results of the TPH fractions; lead; benzene, toluene, ethylbenzene, and xylenes (BTEX); methyl tertiary butyl ether (MTBE); naphthalene; and isopropylbenzene are presented in Table 4 (see Notes/Comments below). Total TPH values ranged from non-detect to 2,980 mg/kg. The highest value was detected in DP8 at CAA 3B. No soil samples were taken during this reporting period.

Site Name	CAA 3 (CAAs 3A, 3B, 3C)

Analytical Results (continued)

During this reporting period and as operations progressed, groundwater grab samples were collected from the CAA 3A, 3B, and 3C wellfields on a monthly basis. The samples were analyzed for TPH fractions (EPA Method 8015), and VOCs (EPA Method 8260). The results of the TPH fractions, BTEX, MTBE, naphthalene, and isopropylbenzene are presented in Table 5, along with the prior DDI and baseline DVE well sampling results for the sites. Total TPH values ranged from 59 µg/L to concentrations greater than 20 mg/L, i.e., the TPH Strategy screening level for free product.

An analysis of a free product sample was conducted this quarter; the concentration values were 6,600,000 µg/L as TPH-g and 990,000 µg/L as TPH-jp.

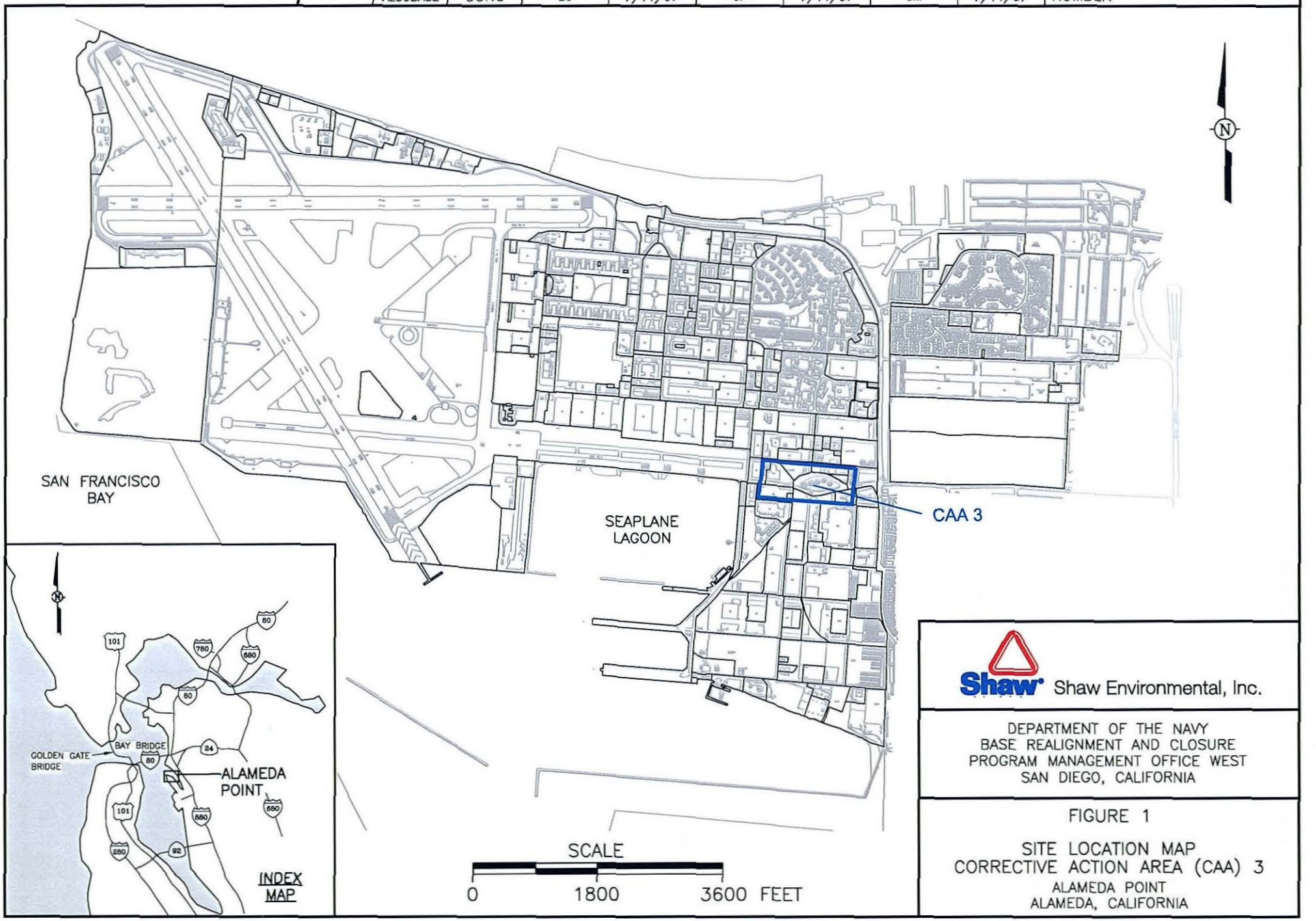
Analytical samples collected are summarized below:

Date	Purpose	Location
Baseline/Monthly Grab Groundwater Samples		
01/22/08 - 01/24/08	System Operations	3A, 3B, 3C Wellfield
02/22/08 – 02/26/08	System Operations	3A , 3B, 3C Wellfield
03/18/08 – 03/20/08	System Operations	3A, 3B, 3C Wellfield
Catalytic Oxidizer Vapor Samples		
01/24/08	Compliance Testing	Inlet and Outlet Vapor Samples
02/21/08	Compliance Testing	Inlet and Outlet Vapor Samples
03/17/08	Compliance Testing	Inlet and Outlet Vapor Samples
Process Vapor Samples		
01/08/08	System Operations	3A, 3B, 3C Wellfield Vapor Flows
01/17/08	System Operations	3A, 3B, 3C Wellfield Vapor Flows
01/24/08	System Operations	3A, 3B, 3C Wellfield Vapor Flows
01/31/08	System Operations	3A, 3B, 3C Wellfield Vapor Flows
02/7/08	System Operations	3A, 3B, 3C Wellfield Vapor Flows
02/14/08	System Operations	3A, 3B, 3C Wellfield Vapor Flows
02/28/08	System Operations	3A, 3B, 3C Wellfield Vapor Flows
03/6/08	System Operations	3A, 3B, 3C Wellfield Vapor Flows
03/13/08	System Operations	3A, 3B, 3C Wellfield Vapor Flows
03/20/08	System Operations	3A, 3B, 3C Wellfield Vapor Flows
03/27/08	System Operations	3A, 3B, 3C Wellfield Vapor Flows
Process Water Testing EBMUD		
02/13/08	Quarterly Compliance	Influent, Midpoint (between) GAC Units & Discharge
Process Water From Wellfield		
01/10/08	System Operations	3A, 3B, 3C Wellfield Liquid Flows
02/13/08	System Operations	3A, 3B, 3C Wellfield Liquid Flows
03/13/08	System Operations	3A, 3B, 3C Wellfield Liquid Flows

Site Name	CAA 3 (CAAs 3A, 3B, 3C)
Notes/Comments	VOCs from the EPA 8260 analyses listed in Tables 4 and 5 include the principal fuel-related aromatic compounds (i.e., benzene, toluene, ethylbenzene, and xylenes [BTEX]), as well as naphthalene and isopropylbenzene. These latter two compounds are included due to their utility in future indoor air risk analyses. Isopropylbenzene was an octane-enhancing additive in early aviation gas (avgas) formulations, and is thus an avgas marker. Anticipated activities scheduled for next quarter include: continued system operations and optimization; continued system compliance and performance monitoring; preparation for the expansion of the wellfield as shown in Figure 4; and, preparation for changeout of the 1,000 scfm catalytic oxidizer to a 1,500 scfm thermal oxidizer.
Acronyms	ARRA: Alameda Reuse and Redevelopment Authority BTEX: benzene, toluene, ethylbenzene, and xylenes BAAQMD: Bay Area Air Quality Management District CAA: Corrective Action Area TPH: total petroleum hydrocarbon DDI: design data investigation DVE: dual vacuum extraction EBMUD: East Bay Municipal Utility District EPA: U.S. Environmental Protection Agency GAC: granular activated carbon MtBE: methyl tertiary butyl ether Navy: U.S. Department of the Navy PRC: Preliminary Remediation Criteria RBCA: Risk Based Corrective Action TM: Technical Memorandum VOC: volatile organic compound

Figures

IMAGE	X-REF	OFFICE	DRAWN BY		CHECKED BY		APPROVED BY		DRAWING NUMBER
---	AL99BASE	CONC	BJ	7/11/07	JP	7/11/07	JM	7/11/07	123159-A21



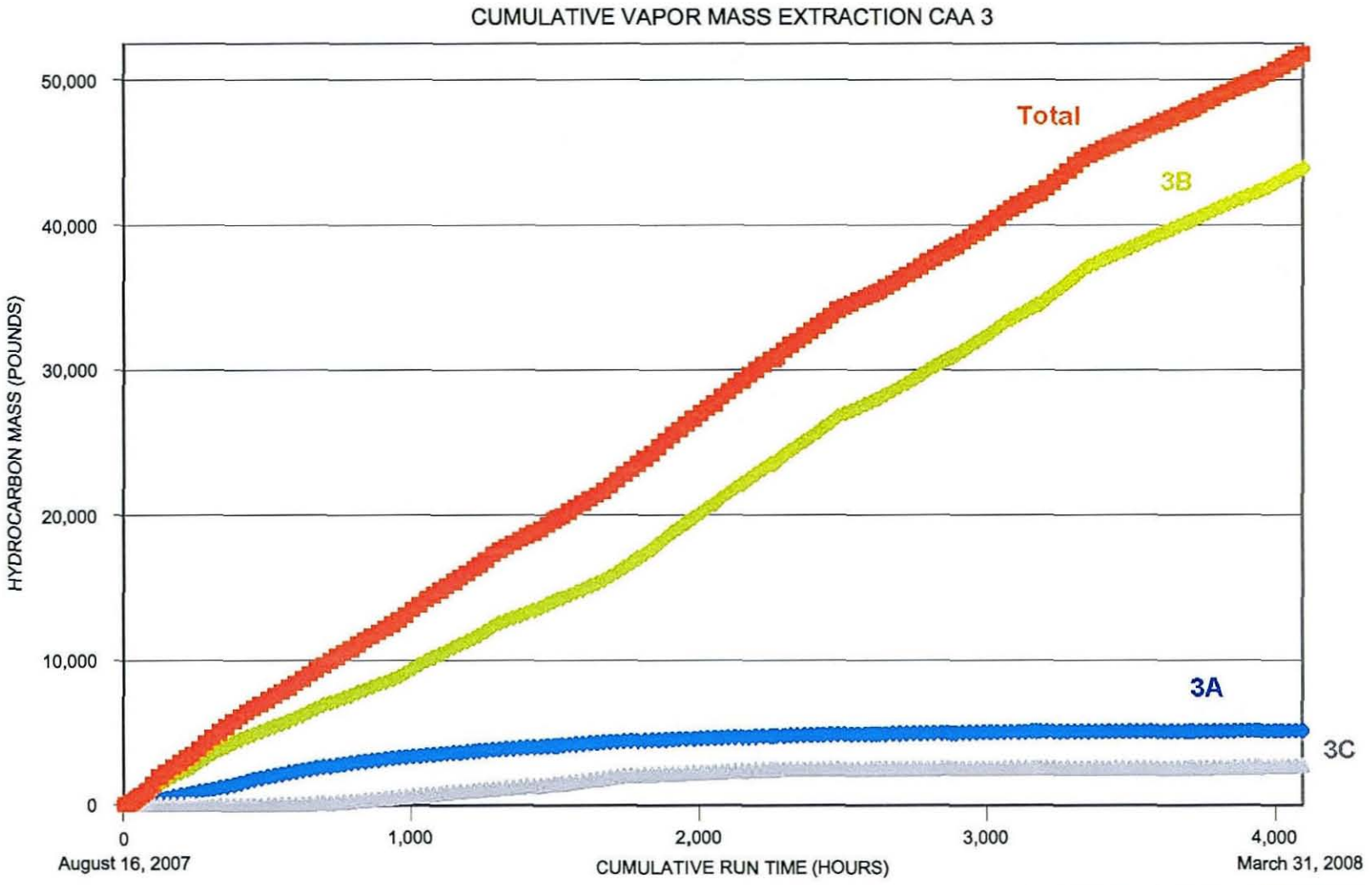
Shaw Environmental, Inc.

DEPARTMENT OF THE NAVY
BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
SAN DIEGO, CALIFORNIA

FIGURE 1

SITE LOCATION MAP
CORRECTIVE ACTION AREA (CAA) 3
ALAMEDA POINT
ALAMEDA, CALIFORNIA

IMAGE	X-REF	OFFICE	DRAWN BY		CHECKED BY		APPROVED BY		DRAWING NUMBER
CAA-3 Mass Calc 4-10-08	---	CONC	BJ	4-15-08					123139-A30



DEPARTMENT OF THE NAVY
BASE REALIGNMENT AND CLOSURE
PROJECT MANAGEMENT OFFICE - WEST
SAN DIEGO, CALIFORNIA

FIGURE 2

CUMULATIVE VAPOR MASS EXTRACTION
CAA 3
ALAMEDA POINT
ALAMEDA, CALIFORNIA

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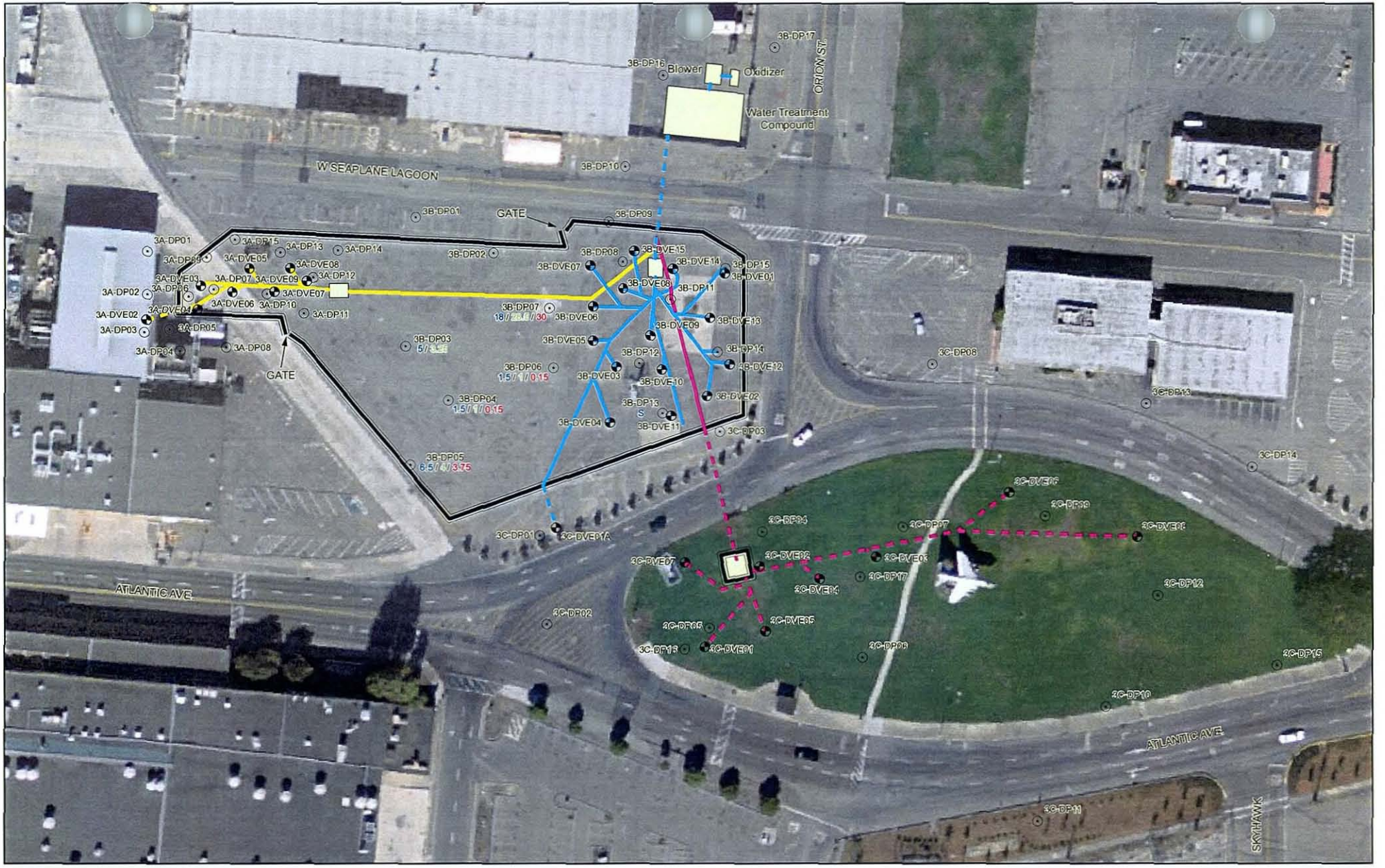


Legend

- Dual Vacuum Extraction Well
- Direct Push Piezometer
- Fence
- Above Grade Piping Site 3A
- Below Grade Piping Site 3A
- Above Grade Piping Site 3B
- Below Grade Piping Site 3B
- Above Grade Piping Site 3C
- Below Grade Piping Site 3C
- Environmental Remediation Utility Area

Free Product in Inches

3B-DP04
1.5 / 1 / 0.15
Jan.1, 2008 / Feb.12, 2008 / Mar.11, 2008

Free product was not detected at CAA 3A or CAA 3C during this reporting period

N

0 50 100 150 200
Feet

Shaw® Shaw Environmental, Inc.

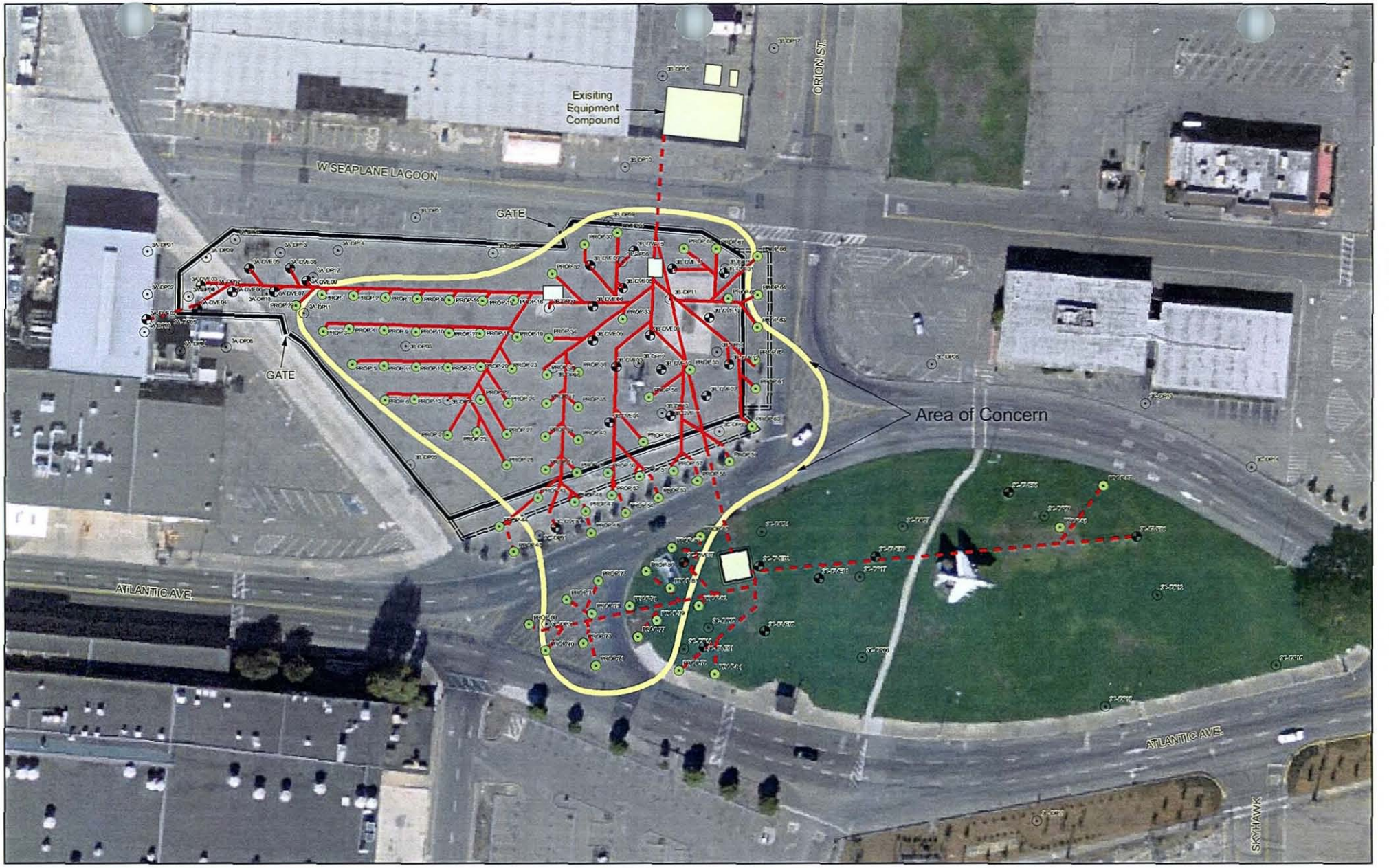
4005 Port Chicago Highway
Concord, California 94520

Department of the Navy
Base Realignment and Closure
Program Mangement Office West
San Diego, CA

FIGURE 3

CAA 3
CURRENT DVE WELLFIELD AND
PIEZOMETER LOCATIONS
MARCH 2008

ANAS_0022_Figure 03 - CAA 3 Current DVE Wellfield Piezometer Locations Free Product .mxd



Legend

- Dual Vacuum Extraction Well
- Direct Push Piezometer
- Proposed Extraction Well
- Environmental Remediation Utility Area
- Fence
- Expanded Fence
- Above Grade Piping
- Below Grade Piping

N

0 50 100 150 200
Feet

Shaw® Shaw Environmental, Inc.

4005 Port Chicago Highway
Concord, California 94520

Department of the Navy
Base Realignment and Closure
Program Mangement Office West
San Diego, CA

FIGURE 4

CAA 3
CONCEPTUAL DESIGN
FOR EXPANDED WELLFIELD

ANAS_0018_Figure 04 - CAA 3 Conceptual DVE Wellfield Design.mxd

Tables

Table 1
Comparison Criteria, Alameda Point, Alameda, California

Constituent	Soil		Groundwater		
	PRC[1] Residential (mg/kg)	PRC Non-Residential (mg/kg)	PRC Potential Drinking Water Source (µg/L)	PRC Marine Ecological Receptors Ambient Water Quality Criteria (µg/L)	Tier 2 RBCA SSTL Groundwater Discharge to Seaplane Lagoon (µg/L)
Total Petroleum Hydrocarbon-Associated Compounds					
Benzene	0.65	1.5	1	700	>1.8E+6
Toluene	520	520	150	5,000	>1.7E+5
Ethylbenzene	230	230	700 (300*)	430	>5.2E+5
Xylenes (Total)	210	210	1,750	N/A	>2.0E+5
MTBE	17	37	5	8,000	NA
Lead	221	4,766	15	8.1	NA
Total Petroleum Hydrocarbon Fractions					
Gasoline	1,030	5,900	N/A	N/A	N/A
Diesel/Jet Fuel	1,380	6,700	N/A	N/A	N/A
Motor Oil	1,900	9,400	N/A	N/A	N/A
Total TPH	N/A	N/A	N/A	1,400** (0-25 feet from receptor)	>5.2E+5 (TPH Aromatics C_7 & C_8)

Volatilization of Vapors from Groundwater to Indoor Air

Constituent	Residential (µg/L)		Commercial (Non-Residential) (µg/L)	
	PRC	Tier 2 RBCA	PRC	Tier 2 RBCA
Benzene	9.91	12	16.7	62
Toluene	33,200	17,000	46,500	70,000
Ethylbenzene	169,000	40,000	169,000	170,000
Xylenes (total)	106,000	>200,000	148,000	>200,000
MTBE	8,100	N/A	13,600	N/A
Aromatic C_7&C_8	N/A	14,000	N/A	59,000

Table Notes:

[1] Preliminary Remediation Criteria and Closure Strategy for Petroleum-Contaminated Sites (Dept. of the Navy Correspondence, May 16, 2001)
** California Maximum Contaminant Level (MCL) (2003)*
*** Concentration increases with distance greater than 25 feet from receptor (see TPH Strategy, Table 4, Appendix E)*
mg/kg denotes milligram(s) per kilogram
µg/L denotes microgram(s) per liter

N/A denotes not applicable

RBCA denoted Risk Based Corrective Action
SSTL denotes Site-Specific Threshold Limits

MTBE denotes methyl tertiary butyl ether
TPH Fractions denotes TPH as gasoline, diesel, jet fuel, and motor oil
Total TPH denotes total total petroleum hydrocarbons (sum of all TPH fractions)

Table 2
Summary of Water Level Depths and Product Thicknesses for CAA 3
April 2007 through March 2008
Alameda Point, Alameda, California

Well ID	Depth to Water(feet) / Product Thickness (Inches)									
	4/12/2007	4/13/2007	5/23/2007	6/24/2007	10/5/2007	11/6/2007	12/10/2007	1/9/2008	2/12/2008	3/11/2008
CAA 3A										
DP1	4.9		4.97		5.99	5.79	5.67	4.83	4.98	5
DP2	5.14		5.22		6.5	6.21	6.21	5.08	5.25	5.19
DP3	5.21		5.31		7.03	6.85	7.42	5.47	5.38	5.65
DP4	4.98		5.04		6.39	6.43	6.3	5.26	5.14	5.13
DP5	4.89		4.93		6.53	6.54	6.83	5.07	5.12	5.04
DP6	4.53		4.63		6.4	5.87	6.28	4.95	4.9	4.79
DP7		4.56 / S	4.6	4.7	6.17	6.11	6.41	5.25	5.57	4.97
DP8		4.91	4.96		6.54	6.31	6.43	5.46	5.31	5.2
DP9		4.75	4.8		6.16	6.04	6.19	5.13	5.38	5.02
DP10		4.96	5.01		7.41/ S	6.57	7.44	6.73	7.12	6.49
DP11		4.88	4.89		6.56	6.34	6.99	6.14	6.34	5.8
DP12		4.6	4.63		6.37	6.04	6.73	6.04	6.27	5.98
DP13		4.67	4.68		6.41	6.1	6.43	5.94	6.13	5.52
DP14		4.48	4.49		5.81	5.78	6.1	5.48	5.53	5.17
DP15		4.81	4.82		6.29	6.11	6.37	5.38	5.58	5.18
DVE1										
DVE2						6.22				
DVE3						6.47				
DVE4						6.35				
DVE5						6.58				
DVE6						6.43				
DVE7				4.72		6.8				
DVE8						6.75				
DVE9						6.35				

Well ID	Depth to Water(feet) / Product Thickness (Inches)											
	4/6/2007	4/9/2007	5/29/2007	8/13/2007	8/17/2007	10/5/2007	11/6/2007	11/7/2007	12/10/2007	1/9/2008	2/12/2008	3/11/2008
CAA 3B												
DP1	4.9		4.95			5.75	5.93		6.02	5.64	5.43	5.42
DP2			4.01			6.08	6.25		6.44	6.31	6.13	6.15
DP3	5.13		5.23			6.13	6.29 / S		7.11 / 7.5	6.57 / 5	3.25	5.92
DP4	5.33		5.45			6.19	6.36 / S		6.61 / 1	6.93 / 6.5	4	3.75
DP5	4.82		4.95			5.72	5.8		5.82	5.28	5.02	5.18
DP6	5.77		5.87			6.95		7.06/ 4	7.76 / 2	7.52 / 1.5	1	0.15
DP7	5.71		5.75			6.44		6.64	6.85 / S	8.0 / 18	28.5	30
DP8		5.7	5.88			7.12		6.87	7.7	7.35	n/a	n/a
DP9	5.21		5.39			6.45	6.32		6.91	6.23	7.89	8.24
DP10		5.03	5.19	5.54		5.84	6		6.17	5.32	5.4	6.04
DP11		5.67	5.8			7.06		7	7.78	7.18	8.5	8.34
DP12		5.75	5.83			6.95		7.17	7.7	6.94	8.24	8.6
DP13		5.51	5.6			5.97		6.12	5.92	6 / S	7.08	7.76
DP14		4.73	4.88			5.5		5.73	5.55	4.82	5.41	8.08
DP15		5.57	5.69			6.82		6.8	7.23	6.8	6.85	7.25
DP16					6.79		7.22		7.23	6.98	6.53	6.59
DP17					6.83		7.28		7.25	6.44	6.34	6.63
D03-01								6.95	6.84	6.26	6.37	6.74
DVE1								6.44				
DVE1A							5.67					
DVE2								6.04				
DVE3								7.21				
DVE4								6.93 / S				
DVE5								6.82				
DVE6								7.3				
DVE7								7.22				
DVE8								6.93				
DVE9								6.76				
DVE10								6.27				
DVE11								6.25				
DVE12								5.66 / S				
DVE13								6.83				
DVE14								6.77				
DVE15								6.74				

Table 2
Summary of Water Level Depths and Product Thicknesses for CAA 3
April 2007 through March 2008
Alameda Point, Alameda, California

Well ID	Depth to Water(feet) / Product Thickness (inches)												
	4/9/2007	4/10/2007	4/11/2007	4/12/2007	5/29/2007	8/13/2007	10/5/2007	11/6/2007	11/7/2007	12/10/2007	1/9/2008	2/12-13/2008	3/11/2008
CAA 3C													
DP1				5.16	5.23		5.8	6.02		6.22	6.24	5.73	5.8
DP2				5.47	5.5	5.87	6.09	6.29		6.32	5.87	4.73	5.08
DP3		4.64			4.72		4.92		5.08	4.95	4.59	4.73	5.08
DP4		4.05			3.97		5.61	5.92		5.27	3.01	3.39	4.7
DP5		4.38			4.23			6.87		7.31	5.68	5.4	5.4
DP6	3.28				3.64		4.53	5.21		4.09	2.07	2.27	3.05
DP7	3.6				4			5.84		5.28	2.36	2.88	3.83
DP8					3.71		4.44	4.71		4.38	3.85	3.09	3.53
DP9	3.18				3.33		4.75	5.15		4.73	1.9	2.17	3.26
DP10			4.77		4.76		5.13	4.95		4.13	2.18	2.89	3.9
DP11		4.97			5.14		5.38	5.32		4.85	4.13	4.56	4.84
DP12		1.73			1.71			3.9		1.81	1.05	0.95	2.86
DP13			2.71		2.76		4.2	4.32		4.02	3.03	2.17	2.64
DP14			2.78		3.21		4.03	3.75		3.89	3.6	2.96	3.08
DP15		2.71			3.87			3.6		3.77	2.67	2.58	3.19
DP16		3.96			3.93			6.35		7.14	5.72	5.91	5.11
DP17		3.84			4.12		6.12	6.13		5.77	2.71	3.13	4.15
M03-05								6.68		6.5	5.64	5.72	6.05
M03-08A								6.08		6	5.47	5.55	5.85
MW97-3								5.69		4.89	2.22	2.75	3.75
DVE1								5.99					
DVE2								6.3					
DVE3								5.57					
DVE4A													
DVE5A								6.24					
DVE6								4.99					
DVE7A								4.91					
DVE8								5.37					

All sounded wells were checked for free product during water level measurements. The symbol"S" indicates sheen.

Table 3
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Alameda Point, Alameda, California

Date	Vapor Recovery and Treatment									Groundwater Recovery and Treatment											Total Cumulative TPH Mass Recovered in Vapor and Liquid Phases
	TVH Vapor Mass from the Wellfield					Catalytic Oxidizer Parameters				Treated Groundwater						TTPH Mass Recovered and Treated from Dissolved Phase					
	3A	3B	3C	Per Period	Cumulative	CAT Temperature Inlet	CAT Temperature Effluent	Temperature Rise	Inlet Concentration	3A Process Water	3B Process Water	3C Process Water	Cumulative Treated Wellfield Totalizers	Bld 112 Totalizer	Cumulative Treated Bld. 112 Totalizer	3A Mass	3B Mass	3C Mass	Per Period	Cumulative	
	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(°F)	(°F)	(°F)	(ppmv)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
8/16/2007	23.2	0.0	0.1	23.2	23.2	805	800	-5	1667.0	1,024	0	1,012	2,036	497	0	0.00	0.00	0.00	0.00	0.02	23.2
8/17/2007	19.2	30.0	0.1	49.3	72.5	688	782	94	2604.0	1,329	0	1,011	2,340	497	0	0.00	0.00	0.00	0.00	0.02	72.5
8/18/2007	0.0	0.0	0.0	0.0	72.5	0	0	0	0.0	0	0	0	0	497	0	0.00	0.00	0.00	0.00	0.02	72.5
8/19/2007	0.0	0.0	0.0	0.0	72.5	0	0	0	0.0	0	0	0	0	497	0	0.00	0.00	0.00	0.00	0.02	72.5
8/20/2007	0.0	0.0	0.0	0.0	72.5	0	0	0	0.0	0	0	0	0	497	0	0.00	0.00	0.00	0.00	0.02	72.5
8/21/2007	24.1	36.1	0.1	60.3	132.8	750	875	125	2496.0	758	0	1,025	1,783	497	0	0.00	0.00	0.00	0.00	0.02	132.8
8/22/2007	14.2	19.8	0.1	34.0	166.9	757	881	124	2833.0	891	0	557	1,448	497	0	0.00	0.00	0.00	0.00	0.02	166.9
8/23/2007	20.9	77.7	0.0	98.6	265.5	800	966	166	4027.0	580	0	1,057	1,637	497	0	0.00	0.00	0.00	0.00	0.02	265.5
8/24/2007	32.1	84.8	0.2	117.0	382.5	821	972	151	4340.0	842	0	832	1,674	497	0	0.00	0.00	0.00	0.00	0.02	382.5
8/25/2007	0.0	0.0	0.0	0.0	382.5	0	0	0	0.0	0	0	0	0	497	0	0.00	0.00	0.00	0.00	0.02	382.5
8/26/2007	0.0	0.0	0.0	0.0	382.5	0	0	0	0.0	0	0	0	0	497	0	0.00	0.00	0.00	0.00	0.02	382.5
8/27/2007	0.0	133.0	0.0	133.0	515.5	610	747	137	2655.0	1,389	0	1,180	2,569	2,852	2,355	0.00	0.00	0.00	0.00	0.02	515.5
8/28/2007	0.0	159.6	0.0	159.6	675.1	611	678	67	1362.0	0	0	0	0	2,852	0	0.00	0.00	0.00	0.00	0.02	675.1
8/29/2007	33.7	28.5	0.2	62.3	737.4	878	948	70	1870.0	12	0	788	800	3,955	1,103	0.00	0.00	0.00	0.00	0.02	737.4
8/30/2007	63.6	114.0	0.3	177.9	915.3	663	783	120	1852.0	2,064	0	775	2,839	5,902	1,947	0.00	0.00	0.00	0.00	0.03	915.3
8/31/2007	26.4	112.7	0.1	139.2	1054.5	765	939	174	3367.0	1,124	0	1,059	2,183	8,541	2,639	0.00	0.00	0.00	0.00	0.03	1054.6
9/1/2007	0.0	0.0	0.0	0.0	1054.5	0	0	0	0.0	0	0	0	0	8,541	0	0.00	0.00	0.00	0.00	0.03	1054.6
9/2/2007	0.0	0.0	0.0	0.0	1054.5	0	0	0	0.0	0	0	0	0	8,541	0	0.00	0.00	0.00	0.00	0.03	1054.6
9/3/2007	0.0	0.0	0.0	0.0	1054.5	0	0	0	0.0	0	0	0	0	8,541	0	0.00	0.00	0.00	0.00	0.03	1054.6
9/4/2007	60.4	292.6	0.3	353.2	1407.8	736	906	170	3240.0	1,045	0	1,286	2,331	11,709	3,168	0.00	0.00	0.00	0.00	0.03	1407.8
9/5/2007	94.0	438.9	0.5	533.4	1941.1	723	867	144	2620.0	2,341	0	2,348	4,689	16,742	5,033	0.01	0.00	0.00	0.01	0.04	1941.2
9/6/2007	94.0	270.8	1.5	366.4	2307.5	736	893	157	2705.0	2,253	0	2,477	4,730	22,489	5,747	0.01	0.00	0.00	0.01	0.04	2307.5
9/7/2007	74.1	226.1	1.0	301.1	2608.6	721	855	134	2209.0	1,200	0	1,826	3,026	25,241	2,752	0.00	0.00	0.00	0.00	0.05	2608.7
9/8/2007	91.2	226.1	1.0	318.2	2926.9	721	855	134	2209.0	0	0	0	0	25,241	0	0.00	0.00	0.00	0.00	0.05	2926.9
9/9/2007	91.2	226.1	1.0	318.2	3245.1	721	855	134	2209.0	0	0	0	0	25,241	0	0.00	0.00	0.00	0.00	0.05	3245.2
9/10/2007	72.2	159.6	1.0	232.7	3477.9	737	854	117	2031.0	5,332	536	6,553	12,421	39,498	14,257	0.01	0.00	0.00	0.01	0.06	3477.9
9/11/2007	70.7	322.3	0.6	393.6	3871.4	728	877	149	2467.0	1,282	0	1,909	3,191	42,247	2,749	0.00	0.00	0.00	0.00	0.06	3871.5
9/12/2007	81.7	319.2	0.6	401.5	4272.9	745	908	163	2516.0	1,081	0	1,542	2,623	44,669	2,422	0.00	0.00	0.00	0.00	0.06	4273.0
9/13/2007	102.0	273.7	1.0	376.7	4649.6	772	934	162	2501.0	1,569	0	1,898	3,467	49,564	4,895	0.00	0.00	0.00	0.00	0.07	4649.7
9/14/2007	110.8	258.7	1.0	370.5	5020.1	779	941	162	2671.0	1,180	418	1,911	3,509	52,340	2,776	0.00	0.00	0.00	0.00	0.07	5020.2
9/15/2007	110.8	258.7	1.0	370.5	5390.6	779	941	162	2671.0	0	0	0	0	52,340	0	0.00	0.00	0.00	0.00	0.07	5390.7
9/16/2007	110.8	258.7	1.0	370.5	5761.2	779	941	162	2671.0	0	0	0	0	52,340	0	0.00	0.00	0.00	0.00	0.07	5761.2
9/17/2007	115.3	222.6	1.3	339.1	6100.3	732	869	137	2109.0	4,303	415	5,758	10,476	64,869	12,529	0.01	0.00	0.00	0.01	0.08	6100.4
9/18/2007	126.3	180.5	1.3	308.2	6408.5	778	929	151	2361.0	1,569	0	1,917	3,486	67,730	2,861	0.00	0.00	0.00	0.00	0.09	6408.5
9/19/2007	110.7	159.1	1.6	271.3	6679.8	787	949	162	2759.0	1,475	416	2,326	4,217	73,082	5,352	0.00	0.00	0.00	0.00	0.09	6679.9
9/20/2007	88.8	172.9	10.9	272.6	6952.4	799	950	151	2376.0	1,674	430	2,344	4,448	78,067	4,985	0.00	0.00	0.00	0.00	0.09	6952.5
9/21/2007	88.8	179.5	10.6	279.0	7231.4	780	923	143	2065.0	1,570	0	2,334	3,904	80,525	2,458	0.00	0.00	0.00	0.00	0.10	7231.5

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	3A	3B	3C	Per Period	Cumulative	CAT Temperature Inlet	CAT Temperature Effluent	Temperature Rise	Inlet Concentration	3A Process Water	3B Process Water	3C Process Water	Cumulative Treated Wellfield Totalizers	Bld 112 Totalizer	Cumulative Treated Bld. 112 Totalizer	3A Mass	3B Mass	3C Mass	Per Period	Cumulative	
	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(°F)	(°F)	(°F)	(ppmv)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
9/22/2007	88.8	179.5	10.6	279.0	7510.4	780	923	143	2065.0	0	0	0	0	80,525	0	0.00	0.00	0.00	0.00	0.10	7510.5
9/23/2007	88.8	179.5	10.6	279.0	7789.4	780	923	143	2065.0	0	0	0	0	80,525	0	0.00	0.00	0.00	0.00	0.10	7789.5
9/24/2007	88.8	202.8	7.9	299.5	8088.8	814	947	133	2615.0	4,698	1,249	7,649	13,596	95,796	15,271	0.01	0.00	0.00	0.01	0.11	8088.9
9/25/2007	90.6	192.8	8.6	292.0	8380.9	803	930	127	2400.0	1,179	413	2,314	3,906	100,702	4,906	0.00	0.00	0.00	0.00	0.11	8381.0
9/26/2007	87.1	199.5	8.1	294.7	8675.5	796	911	115	2385.0	1,558	415	2,408	4,381	103,568	2,866	0.00	0.00	0.00	0.00	0.11	8675.6
9/27/2007	71.2	240.6	29.3	341.2	9016.7	795	924	129	4431.0	1,633	88	2,049	3,770	108,972	5,404	0.00	0.00	0.00	0.01	0.12	9016.8
9/28/2007	72.8	207.6	30.3	310.7	9327.4	784	910	126	2206.0	1,079	418	1,896	3,393	112,093	3,121	0.00	0.01	0.00	0.02	0.14	9327.5
9/29/2007	72.8	207.6	30.3	310.7	9638.0	784	910	126	2206.0	0	0	0	0	112,093	0	0.00	0.00	0.00	0.00	0.14	9638.2
9/30/2007	72.8	207.6	30.3	310.7	9948.7	784	910	126	2206.0	0	0	0	0	112,093	0	0.00	0.00	0.00	0.00	0.14	9948.9
10/1/2007	77.6	183.5	33.4	294.5	10243.2	809	922	113	2526.0	4,022	1,273	6,091	11,386	124,383	12,290	0.01	0.04	0.01	0.06	0.20	10243.4
10/2/2007	77.6	162.4	33.4	273.5	10516.7	844	958	114	2518.0	1,081	413	1,895	3,389	127,255	2,872	0.00	0.01	0.00	0.02	0.21	10516.9
10/3/2007	59.2	136.2	40.5	235.9	10752.6	797	904	107	2287.0	1,277	415	2,273	3,965	132,158	4,903	0.00	0.01	0.00	0.02	0.23	10752.8
10/4/2007	59.2	234.3	41.5	335.1	11087.7	811	940	129	2379.0	1,574	936	1,914	4,424	137,086	4,928	0.00	0.03	0.00	0.03	0.27	11087.9
10/5/2007	55.2	183.7	40.5	279.4	11367.0	771	891	120	1922.0	1,189	426	1,908	3,523	139,661	2,575	0.00	0.01	0.00	0.02	0.28	11367.3
10/6/2007	55.2	183.7	40.5	279.4	11646.4	771	891	120	1922.0	0	0	0	0	139,661	0	0.00	0.00	0.00	0.00	0.28	11646.7
10/7/2007	55.2	183.7	40.5	279.4	11925.7	771	891	120	1922.0	0	0	0	0	139,661	0	0.00	0.00	0.00	0.00	0.28	11926.0
10/8/2007	59.3	142.6	51.6	253.5	12179.3	783	890	107	2262.0	3,148	2,007	4,579	9,734	149,442	9,781	0.01	0.06	0.01	0.07	0.35	12179.6
10/9/2007	51.1	171.0	48.6	270.8	12450.0	796	930	134	2604.0	1,181	846	1,520	3,547	154,813	5,371	0.00	0.02	0.00	0.03	0.38	12450.4
10/10/2007	33.6	224.8	45.6	304.1	12754.1	713	826	113	2335.0	1,180	844	1,523	3,547	157,282	2,469	0.00	0.02	0.00	0.03	0.41	12754.5
10/11/2007	43.1	260.1	39.5	342.7	13096.8	810	948	138	2624.0	1,182	423	1,518	3,123	162,283	5,001	0.00	0.01	0.00	0.02	0.43	13097.2
10/12/2007	37.7	279.8	42.0	359.4	13456.2	805	945	140	2985.0	1,191	841	1,427	3,459	164,760	2,477	0.00	0.02	0.00	0.03	0.46	13456.7
10/13/2007	37.7	279.8	42.0	359.4	13815.6	805	945	140	2985.0	0	0	0	0	164,760	0	0.00	0.00	0.00	0.00	0.46	13816.1
10/14/2007	37.7	279.8	42.0	359.4	14175.0	805	945	140	2985.0	0	0	0	0	164,760	0	0.00	0.00	0.00	0.00	0.46	14175.5
10/15/2007	52.8	225.8	39.5	318.0	14493.1	793	917	124	2502.0	3,069	2,106	4,677	9,852	175,182	10,422	0.01	0.06	0.01	0.07	0.53	14493.6
10/16/2007	44.4	235.6	40.3	320.3	14813.4	770	891	121	2385.0	1,891	320	1,536	3,747	180,597	5,415	0.00	0.01	0.00	0.02	0.55	14813.9
10/17/2007	40.5	198.0	38.7	277.1	15090.5	785	919	134	2738.0	1,074	1,012	2,276	4,362	185,430	4,833	0.00	0.03	0.00	0.03	0.58	15091.1
10/18/2007	34.2	245.1	31.2	310.5	15400.9	797	923	126	2278.0	803	841	1,233	2,877	188,318	2,888	0.00	0.02	0.00	0.03	0.61	15401.6
10/19/2007	29.2	209.0	38.5	276.7	15677.6	783	907	124	2115.0	1,604	642	1,521	3,767	190,879	2,561	0.00	0.02	0.00	0.02	0.64	15678.3
10/20/2007	34.2	228.0	38.5	300.7	15978.3	783	907	124	2115.0	0	0	0	0	190,879	0	0.00	0.00	0.00	0.00	0.64	15979.0
10/21/2007	34.2	228.0	38.5	300.7	16279.0	783	907	124	2115.0	0	0	0	0	190,879	0	0.00	0.00	0.00	0.00	0.64	16279.6
10/22/2007	32.7	184.5	39.2	256.4	16535.5	749	878	129	2388.0	3,620	2,606	5,332	11,558	203,810	12,931	0.01	0.07	0.01	0.09	0.73	16536.2
10/23/2007	25.8	293.9	33.4	353.1	16888.5	800	937	137	2388.0	1,598	940	1,804	4,342	209,135	5,325	0.00	0.03	0.00	0.03	0.76	16889.3
10/24/2007	29.8	296.4	39.2	365.3	17253.9	801	935	134	2610.0	1,206	839	1,622	3,667	211,628	2,493	0.00	0.02	0.00	0.03	0.79	17254.7
10/25/2007	31.0	238.7	36.1	305.9	17559.7	763	889	126	2259.0	1,204	1,258	1,899	4,361	216,591	4,963	0.00	0.04	0.00	0.04	0.83	17560.6
10/26/2007	33.4	174.5	35.4	243.2	17803.0	811	936	125	2669.0	1,522	730	1,551	3,803	221,383	4,792	0.00	0.00	0.00	0.01	0.84	17803.8
10/27/2007	33.4	174.5	35.4	243.2	18046.2	811	936	125	2669.0	0	0	0	0	221,383	0	0.00	0.00	0.00	0.00	0.84	18047.0
10/28/2007	33.4	174.5	35.4	243.2	18289.4	811	936	125	2669.0	0	0	0	0	221,383	0	0.00	0.00	0.00	0.00	0.84	18290.3

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	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(°F)	(°F)	(°F)	(ppmv)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
10/29/2007	32.6	174.5	36.1	243.1	18532.6	760	896	136	2448.0	4,436	3,354	5,236	13,026	235,206	13,823	0.01	0.01	0.01	0.03	0.87	18533.4
10/30/2007	35.7	183.7	36.1	255.4	18788.0	729	875	146	2390.0	1,208	842	1,627	3,677	237,699	2,493	0.00	0.00	0.00	0.01	0.88	18788.9
10/31/2007	34.9	183.7	37.4	256.0	19044.0	709	859	150	2459.0	1,611	1,267	1,908	4,786	243,525	5,826	0.00	0.01	0.00	0.01	0.89	19044.9
11/1/2007	28.6	240.6	41.2	310.4	19354.4	712	862	150	2127.0	1,613	1,257	1,530	4,400	248,960	5,435	0.00	0.01	0.00	0.01	0.90	19355.3
11/2/2007	27.4	225.6	40.1	293.1	19647.4	690	840	150	1965.0	1,614	849	1,524	3,987	251,902	2,942	0.00	0.00	0.00	0.01	0.91	19648.3
11/3/2007	15.2	125.3	22.3	162.8	19810.2	690	840	150	1965.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/4/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/5/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/6/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/7/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/8/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/9/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/10/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/11/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/12/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/13/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/14/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/15/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/16/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/17/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/18/2007	0.0	0.0	0.0	0.0	19810.2	0	0	0	0.0	0	0	0	0	251,902	0	0.00	0.00	0.00	0.00	0.91	19811.2
11/19/2007	32.5	60.2	30.1	122.7	19932.9	701	874	173	2421.0	2,106	1,348	2,288	5,742	257,915	6,013	0.00	0.01	0.00	0.01	0.92	19933.9
11/20/2007	30.1	228.5	56.5	315.1	20248.1	734	934	200	2905.0	2,453	0	2,707	5,160	263,385	5,470	0.00	0.00	0.00	0.01	0.93	20249.0
11/21/2007	31.2	197.6	58.7	287.5	20535.6	699	867	168	2382.0	2,043	628	2,706	5,377	270,000	6,615	0.00	0.00	0.00	0.01	0.94	20536.5
11/22/2007	31.2	197.6	58.7	287.5	20823.1	699	867	168	2382.0	0	0	0	0	270,000	0	0.00	0.00	0.00	0.00	0.94	20824.1
11/23/2007	31.2	197.6	58.7	287.5	21110.7	699	867	168	2382.0	0	0	0	0	270,000	0	0.00	0.00	0.00	0.00	0.94	21111.6
11/24/2007	31.2	197.6	58.7	287.5	21398.2	699	867	168	2382.0	0	0	0	0	270,000	0	0.00	0.00	0.00	0.00	0.94	21399.2
11/25/2007	31.2	197.6	58.7	287.5	21685.8	699	867	168	2382.0	0	0	0	0	270,000	0	0.00	0.00	0.00	0.00	0.94	21686.7
11/26/2007	26.4	284.0	57.6	368.0	22053.8	668	827	159	2140.0	8,963	3,352	11,975	24,290	295,205	25,205	0.02	0.01	0.02	0.05	1.00	22054.8
11/27/2007	25.3	296.4	58.7	380.4	22434.2	684	856	172	2056.0	1,537	895	2,722	5,154	300,601	5,396	0.00	0.03	0.01	0.03	1.03	22435.3
11/28/2007	23.7	290.2	58.7	372.6	22806.9	670	836	166	1921.0	1,219	1,276	2,316	4,811	306,011	5,410	0.00	0.04	0.00	0.05	1.07	22807.9
11/29/2007	20.4	313.2	19.3	352.9	23159.7	724	917	193	2173.0	1,222	845	1,928	3,995	310,986	4,975	0.00	0.03	0.00	0.03	1.11	23160.8
11/30/2007	18.2	326.8	19.7	364.6	23524.3	689	865	176	1725.0	1,627	1,268	2,314	5,209	316,403	5,417	0.00	0.04	0.00	0.05	1.15	23525.5
12/1/2007	18.2	326.8	19.7	364.6	23888.9	689	865	176	1725.0	0	0	0	0	316,403	0	0.00	0.00	0.00	0.00	1.15	23890.1
12/2/2007	18.2	326.8	19.7	364.6	24253.5	689	865	176	1725.0	0	0	0	0	316,403	0	0.00	0.00	0.00	0.00	1.15	24254.7
12/3/2007	19.5	394.9	18.9	433.3	24686.8	728	936	208	2919.0	4,488	3,820	7,331	15,639	332,247	15,844	0.00	0.12	0.01	0.14	1.29	24688.1
12/4/2007	17.7	381.2	18.9	417.9	25104.7	740	944	204	2920.0	1,219	1,307	1,932	4,458	336,005	3,758	0.00	0.04	0.00	0.05	1.33	25106.1

Table 3
Dual Vacuum Extraction System Performance Summary for CAA 3, August 2007 through March 2008
Alameda Point, Alameda, California

Date	Vapor Recovery and Treatment									Groundwater Recovery and Treatment											Total Cumulative TPH Mass Recovered in Vapor and Liquid Phases
	TVH Vapor Mass from the Wellfield					Catalytic Oxidizer Parameters				Treated Groundwater						TTPH Mass Recovered and Treated from Dissolved Phase					
	3A	3B	3C	Per Period	Cumulative	CAT Temperature Inlet	CAT Temperature Effluent	Temperature Rise	Inlet Concentration	3A Process Water	3B Process Water	3C Process Water	Cumulative Treated Wellfield Totalizers	Bld 112 Totalizer	Cumulative Treated Bld. 112 Totalizer	3A Mass	3B Mass	3C Mass	Per Period	Cumulative	
	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(°F)	(°F)	(°F)	(ppmv)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
12/5/2007	16.8	394.9	19.7	431.4	25536.1	726	924	198	2672.0	1,216	1,265	1,923	4,404	340,237	4,232	0.00	0.04	0.00	0.04	1.38	25537.5
12/6/2007	16.7	310.3	23.0	349.9	25886.0	707	892	185	2408.0	1,110	1,156	2,306	4,572	345,009	4,772	0.00	0.04	0.00	0.04	1.42	25887.5
12/7/2007	17.1	343.6	19.7	380.4	26266.4	715	908	193	2717.0	1,727	1,826	1,919	5,472	350,769	5,760	0.00	0.06	0.00	0.06	1.48	26267.9
12/8/2007	17.1	343.6	19.7	380.4	26646.8	715	908	193	2717.0	0	0	0	0	350,769	0	0.00	0.00	0.00	0.00	1.48	26648.3
12/9/2007	17.1	343.6	19.7	380.4	27027.2	715	908	193	2717.0	0	0	0	0	350,769	0	0.00	0.00	0.00	0.00	1.48	27028.7
12/10/2007	18.0	349.1	19.7	386.8	27414.0	647	799	152	2016.0	4,061	3,835	6,937	14,833	365,611	14,842	0.00	0.12	0.01	0.14	1.61	27415.6
12/11/2007	18.4	221.6	23.0	263.0	27677.0	739	911	172	2553.0	1,224	1,268	1,930	4,422	368,566	2,955	0.00	0.04	0.00	0.04	1.66	27678.7
12/12/2007	12.0	464.6	17.4	494.0	28171.1	685	893	208	2634.0	1,634	1,529	2,311	5,474	375,531	6,965	0.00	0.05	0.00	0.05	1.71	28172.8
12/13/2007	15.4	327.7	19.0	362.1	28533.2	732	940	208	2718.0	678	1,113	1,215	3,006	378,128	2,597	0.00	0.02	0.00	0.03	1.74	28534.9
12/14/2007	15.4	342.0	20.9	378.3	28911.4	699	892	193	2410.0	1,308	1,687	1,131	4,126	380,524	2,396	0.00	0.04	0.00	0.04	1.78	28913.2
12/15/2007	15.4	342.0	20.9	378.3	29289.7	699	892	193	2410.0	0	0	0	0	380,524	0	0.00	0.00	0.00	0.00	1.78	29291.5
12/16/2007	15.4	342.0	20.9	378.3	29668.0	699	892	193	2410.0	0	0	0	0	380,524	0	0.00	0.00	0.00	0.00	1.78	29669.7
12/17/2007	15.4	332.5	18.0	365.9	30033.9	695	886	191	2749.0	2,731	4,916	4,525	12,172	393,023	12,499	0.00	0.11	0.00	0.12	1.89	30035.8
12/18/2007	13.7	327.7	18.0	359.5	30393.3	726	933	207	3308.0	1,221	1,470	1,141	3,832	398,023	5,000	0.00	0.03	0.00	0.03	1.93	30395.3
12/19/2007	14.1	323.0	17.1	354.2	30747.5	694	890	196	2898.0	814	1,687	1,498	3,999	400,370	2,347	0.00	0.04	0.00	0.04	1.97	30749.5
12/20/2007	0.0	0.0	0.0	0.0	30747.5	0	907	0	3117.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
12/21/2007	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
12/22/2007	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
12/23/2007	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
12/24/2007	0.0	0.0	0.0	0.0	30747.5	0	920	0	3640.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
12/25/2007	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
12/26/2007	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
12/27/2007	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
12/28/2007	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
12/29/2007	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
12/30/2007	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
12/31/2007	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
1/1/2008	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
1/2/2008	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
1/3/2008	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
1/4/2008	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
1/5/2008	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
1/6/2008	0.0	0.0	0.0	0.0	30747.5	0	0	0	0.0	0	0	0	0	400,370	0	0.00	0.00	0.00	0.00	1.97	30749.5
1/7/2008	9.5	194.7	8.7	213.0	30960.5	706	875	169	2693.0	1,630	1,543	2,316	5,489	407,325	6,955	0.00	0.03	0.00	0.04	2.01	30962.5
1/8/2008	11.3	407.8	2.6	421.7	31382.2	690	881	191	2560.0	1,222	1,293	1,915	4,430	410,062	2,737	0.00	0.03	0.00	0.03	2.04	31384.2
1/9/2008	11.6	336.9	3.0	351.5	31733.7	720	884	164	2501.0	1,634	1,705	2,702	6,041	417,413	7,351	0.00	0.04	0.00	0.04	2.08	31735.8
1/10/2008	11.8	305.9	3.0	320.8	32054.5	700	849	149	2159.0	1,696	1,742	2,084	5,522	422,630	5,217	0.00	0.04	0.00	0.04	2.12	32056.6

Table 3
Dual Vacuum Extraction System Performance Summary for CAA 3, August 2007 through March 2008
Alameda Point, Alameda, California

Date	Vapor Recovery and Treatment									Groundwater Recovery and Treatment											Total Cumulative TPH Mass Recovered in Vapor and Liquid Phases
	TVH Vapor Mass from the Wellfield					Catalytic Oxidizer Parameters				Treated Groundwater						TTPH Mass Recovered and Treated from Dissolved Phase					
	3A	3B	3C	Per Period	Cumulative	CAT Temperature Inlet	CAT Temperature Effluent	Temperature Rise	Inlet Concentration	3A Process Water	3B Process Water	3C Process Water	Cumulative Treated Wellfield Totalizers	Bld 112 Totalizer	Cumulative Treated Bld. 112 Totalizer	3A Mass	3B Mass	3C Mass	Per Period	Cumulative	
	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(°F)	(°F)	(°F)	(ppmv)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
1/11/2008	12.4	314.7	3.4	330.5	32385.0	673	809	136	1820.0	0	0	0	0	422,630	0	0.00	0.00	0.00	0.00	2.12	32387.1
1/12/2008	12.4	314.7	3.4	330.5	32715.6	673	809	136	1820.0	0	0	0	0	422,630	0	0.00	0.00	0.00	0.00	2.12	32717.7
1/13/2008	12.4	314.7	3.4	330.5	33046.1	673	809	136	1820.0	1,321	1,887	2,311	5,519	426,325	3,695	0.00	0.19	0.00	0.19	2.32	33048.4
1/14/2008	10.8	325.8	1.0	337.7	33383.8	738	881	143	2006.0	3,979	5,527	6,177	15,683	443,072	16,747	0.00	0.56	0.01	0.57	2.88	33386.6
1/15/2008	12.4	336.9	1.5	350.8	33734.6	722	866	144	1867.0	1,222	1,701	753	3,676	445,723	2,651	0.00	0.17	0.00	0.17	3.06	33737.6
1/16/2008	8.1	407.8	1.7	417.6	34152.2	751	905	154	2193.0	1,621	2,503	751	4,875	450,702	4,979	0.00	0.25	0.00	0.25	3.31	34155.5
1/17/2008	8.0	209.9	3.0	220.9	34373.1	772	923	151	2230.0	1,218	2,530	368	4,116	453,409	2,707	0.00	0.25	0.00	0.26	3.57	34376.7
1/18/2008	8.4	215.3	3.8	227.6	34600.7	754	896	142	1873.0	1,221	2,107	743	4,071	458,538	5,129	0.00	0.21	0.00	0.21	3.78	34604.5
1/19/2008	4.2	215.3	3.8	223.4	34824.1	754	896	142	1873.0	0	0	0	0	458,538	0	0.00	0.00	0.00	0.00	3.78	34827.8
1/20/2008	0.0	215.3	3.8	219.1	35043.2	754	896	142	1873.0	0	0	0	0	458,538	0	0.00	0.00	0.00	0.00	3.78	35047.0
1/21/2008	5.5	192.4	2.8	200.7	35243.9	776	917	141	2234.0	1,886	7,893	2,231	12,010	469,250	10,712	0.00	0.79	0.00	0.80	4.58	35248.5
1/22/2008	5.2	136.4	2.3	143.9	35387.8	756	896	140	2072.0	1,218	2,112	375	3,705	473,140	3,890	0.00	0.21	0.00	0.21	4.79	35392.6
1/23/2008	4.0	105.0	1.7	110.7	35498.6	794	945	151	2538.0	0	312	371	683	473,140	0	0.00	0.03	0.00	0.03	4.82	35503.4
1/24/2008	7.2	238.3	2.8	248.2	35746.8	736	877	141	2140.0	1,634	2,214	375	4,223	478,924	5,784	0.00	0.22	0.00	0.22	5.05	35751.8
1/25/2008	7.2	272.6	2.3	282.1	36028.9	724	851	127	1920.0	912	1,724	373	3,009	479,338	414	0.00	0.17	0.00	0.17	5.22	36034.1
1/26/2008	7.2	272.6	2.3	282.1	36311.0	724	851	127	1920.0	0	0	0	0	479,338	0	0.00	0.00	0.00	0.00	5.22	36316.2
1/27/2008	7.2	272.6	2.3	282.1	36593.1	724	851	127	1920.0	0	0	0	0	479,338	0	0.00	0.00	0.00	0.00	5.22	36598.3
1/28/2008	6.6	272.6	1.9	281.2	36874.3	755	891	136	2202.0	3,966	6,362	2,618	12,946	494,723	15,385	0.00	0.64	0.00	0.65	5.87	36880.1
1/29/2008	6.8	279.3	2.3	288.4	37162.6	773	918	145	2169.0	1,528	2,998	1,121	5,647	500,030	5,307	0.00	0.30	0.00	0.30	6.17	37168.8
1/30/2008	8.0	319.2	2.9	330.0	37492.7	729	893	164	2053.0	1,324	2,575	745	4,644	505,926	5,896	0.00	0.26	0.00	0.26	6.43	37499.1
1/31/2008	4.9	261.1	2.3	268.3	37760.9	687	836	149	2033.0	1,638	2,983	754	5,375	510,993	5,067	0.00	0.30	0.00	0.30	6.73	37767.7
2/1/2008	5.2	258.4	2.3	265.8	38026.7	693	840	147	1805.0	1,632	2,152	762	4,546	516,984	5,991	0.00	0.22	0.00	0.22	6.95	38033.7
2/2/2008	0.8	37.7	0.3	38.8	38065.5	693	840	147	1805.0	0	0	0	0	516,984	0	0.00	0.00	0.00	0.00	6.95	38072.5
2/3/2008	0.0	0.0	0.0	0.0	38065.5	693	840	147	1805.0	0	0	0	0	516,984	0	0.00	0.00	0.00	0.00	6.95	38072.5
2/4/2008	3.1	172.3	1.7	177.0	38242.6	707	867	160	2013.0	1,632	740	759	3,131	520,357	3,373	0.00	0.07	0.00	0.08	7.03	38249.6
2/5/2008	3.2	184.3	1.8	189.2	38431.8	663	810	147	1773.0	1,226	2,571	755	4,552	526,144	5,787	0.00	0.26	0.00	0.26	7.29	38439.0
2/6/2008	3.4	168.7	1.7	173.8	38605.5	728	897	169	2164.0	813	1,229	373	2,415	528,949	2,805	0.00	0.12	0.00	0.12	7.41	38612.9
2/7/2008	7.8	290.7	2.3	300.8	38906.3	748	908	160	1962.0	1,640	3,808	1,115	6,563	528,949	0	0.00	0.38	0.00	0.39	7.80	38914.1
2/8/2008	8.2	296.4	2.0	306.6	39213.0	720	874	154	1520.0	1,639	3,087	770	5,496	535,970	7,021	0.00	0.31	0.00	0.31	8.11	39221.1
2/9/2008	8.2	296.4	2.0	306.6	39519.6	720	874	154	1520.0	0	0	0	0	535,970	0	0.00	0.00	0.00	0.00	8.11	39527.7
2/10/2008	8.2	296.4	2.0	306.6	39826.2	720	874	154	1520.0	0	0	0	0	535,970	0	0.00	0.00	0.00	0.00	8.11	39834.3
2/11/2008	6.6	319.2	2.2	327.9	40154.1	715	852	137	1713.0	4,892	10,774	3,023	18,689	553,475	17,505	0.00	1.08	0.00	1.09	9.20	40163.3
2/12/2008	4.1	342.0	2.3	348.4	40502.5	700	839	139	1637.0	1,214	2,906	743	4,863	558,087	4,612	0.00	0.29	0.00	0.29	9.50	40512.0
2/13/2008	4.4	353.4	2.3	360.1	40862.6	691	824	133	1742.0	799	3,269	825	4,893	563,634	5,547	0.00	0.16	0.00	0.16	9.65	40872.3
2/14/2008	6.8	268.5	4.1	279.4	41142.0	738	871	133	1751.0	1,214	3,231	738	5,183	570,204	6,570	0.00	0.15	0.00	0.15	9.81	41151.8
2/15/2008	6.1	258.4	4.6	269.0	41411.0	740	868	128	1764.0	1,629	3,823	742	6,194	576,014	5,810	0.00	0.18	0.00	0.18	9.99	41421.0
2/16/2008	6.1	258.4	4.6	269.0	41680.0	740	868	128	1764.0	0	0	0	0	576,014	0	0.00	0.00	0.00	0.00	9.99	41690.0

Table 3
Dual Vacuum Extraction System Performance Summary for CAA 3, August 2007 through March 2008
Alameda Point, Alameda, California

Date	Vapor Recovery and Treatment									Groundwater Recovery and Treatment											Total Cumulative TPH Mass Recovered in Vapor and Liquid Phases
	TVH Vapor Mass from the Wellfield					Catalytic Oxidizer Parameters				Treated Groundwater						TTPH Mass Recovered and Treated from Dissolved Phase					
	3A	3B	3C	Per Period	Cumulative	CAT Temperature Inlet	CAT Temperature Effluent	Temperature Rise	Inlet Concentration	3A Process Water	3B Process Water	3C Process Water	Cumulative Treated Wellfield Totalizers	Bld 112 Totalizer	Cumulative Treated Bld. 112 Totalizer	3A Mass	3B Mass	3C Mass	Per Period	Cumulative	
	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(°F)	(°F)	(°F)	(ppmv)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
2/17/2008	6.1	258.4	4.6	269.0	41949.1	740	868	128	1764.0	0	0	0	0	576,014	0	0.00	0.00	0.00	0.00	9.99	41959.1
2/18/2008	4.1	179.0	2.7	185.8	42134.8	730	848	118	1765.0	4,462	10,425	2,592	17,479	594,752	18,738	0.00	0.49	0.00	0.50	10.49	42145.3
2/19/2008	0.0	0.0	0.0	0.0	42134.8	0	0	0	0.0	0	0	0	0	594,752	0	0.00	0.00	0.00	0.00	10.49	42145.3
2/20/2008	0.0	36.4	0.0	36.4	42171.2	610	680	70	753.4	400	847	0	1,247	597,441	2,689	0.00	0.04	0.00	0.04	10.53	42181.8
2/21/2008	0.0	388.4	0.0	388.4	42559.7	611	725	114	1216.0	0	1,585	0	1,585	599,754	2,313	0.00	0.08	0.00	0.08	10.60	42570.3
2/22/2008	0.0	390.1	0.0	390.1	42949.8	609	714	105	1191.0	0	2,075	379	2,454	602,564	2,810	0.00	0.10	0.00	0.10	10.70	42960.5
2/23/2008	0.0	390.1	0.0	390.1	43339.9	609	714	105	1191.0	0	0	0	0	602,564	0	0.00	0.00	0.00	0.00	10.70	43350.6
2/24/2008	0.0	390.1	0.0	390.1	43730.0	609	714	105	1191.0	0	0	0	0	602,564	0	0.00	0.00	0.00	0.00	10.70	43740.7
2/25/2008	0.0	420.5	0.0	420.5	44150.5	609	702	93	1102.0	403	6,255	0	6,658	610,510	7,946	0.00	0.30	0.00	0.30	11.00	44161.5
2/26/2008	0.0	374.9	0.0	374.9	44525.4	607	686	79	844.8	0	2,091	0	2,091	612,150	1,640	0.00	0.10	0.00	0.10	11.10	44536.5
2/27/2008	0.0	334.4	0.0	334.4	44859.7	639	758	119	1576.0	0	1,674	0	1,674	612,872	722	0.00	0.08	0.00	0.08	11.18	44870.9
2/28/2008	0.0	199.5	0.0	199.5	45059.2	637	750	113	1629.0	0	2,542	0	2,542	615,351	2,479	0.00	0.12	0.00	0.12	11.30	45070.5
2/29/2008	0.0	202.7	0.0	202.7	45261.9	626	733	107	1478.0	0	2,540	0	2,540	618,084	2,733	0.00	0.12	0.00	0.12	11.42	45273.3
3/1/2008	0.0	202.7	0.0	202.7	45464.5	626	733	107	1478.0	0	0	0	0	618,084	0	0.00	0.00	0.00	0.00	11.42	45476.0
3/2/2008	0.0	202.7	0.0	202.7	45667.2	626	733	107	1478.0	0	0	0	0	618,084	0	0.00	0.00	0.00	0.00	11.42	45678.6
3/3/2008	0.0	196.3	0.0	196.3	45863.5	640	747	107	1565.0	0	8,044	0	8,044	626,205	8,121	0.00	0.38	0.00	0.38	11.80	45875.3
3/4/2008	0.0	204.2	0.0	204.2	46067.7	643	763	120	1668.0	0	2,894	0	2,894	631,653	5,448	0.00	0.14	0.00	0.14	11.94	46079.7
3/5/2008	0.0	204.2	0.0	204.2	46272.0	656	772	116	1688.0	0	3,562	0	3,562	634,176	2,523	0.00	0.17	0.00	0.17	12.11	46284.1
3/6/2008	0.0	222.9	0.0	222.9	46494.9	649	768	119	1514.0	0	3,414	0	3,414	636,625	2,449	0.00	0.16	0.00	0.16	12.27	46507.2
3/7/2008	0.0	224.7	0.0	224.7	46719.6	644	764	120	1474.0	0	3,001	0	3,001	639,166	2,541	0.00	0.14	0.00	0.14	12.41	46732.0
3/8/2008	0.0	224.7	0.0	224.7	46944.2	644	764	120	1474.0	0	0	0	0	639,166	0	0.00	0.00	0.00	0.00	12.41	46956.6
3/9/2008	0.0	224.7	0.0	224.7	47168.9	644	764	120	1474.0	0	0	0	0	639,166	0	0.00	0.00	0.00	0.00	12.41	47181.3
3/10/2008	2.0	198.5	0.0	200.6	47369.4	615	730	115	1737.0	407	10,244	0	10,651	651,685	12,519	0.00	0.49	0.00	0.49	12.90	47382.3
3/11/2008	3.0	203.8	0.0	206.8	47576.2	621	730	109	1475.0	1,133	2,994	0	4,127	654,282	2,597	0.00	0.14	0.00	0.14	13.04	47589.3
3/12/2008	3.4	181.1	2.8	187.4	47763.6	608	719	111	1487.0	1,309	3,004	377	4,690	659,768	5,486	0.00	0.14	0.00	0.14	13.18	47776.8
3/13/2008	2.5	137.7	3.4	143.5	47907.1	610	719	109	1322.0	1,236	3,021	775	5,032	663,618	3,850	0.00	0.14	0.00	0.14	13.33	47920.5
3/14/2008	1.5	103.8	2.7	108.0	48015.2	655	810	155	2217.0	400	430	0	830	663,816	198	0.00	0.02	0.00	0.02	13.35	48028.5
3/15/2008	3.3	226.4	6.0	235.7	48250.9	655	810	155	2217.0	0	0	0	0	663,816	0	0.00	0.00	0.00	0.00	13.35	48264.2
3/16/2008	3.3	226.4	6.0	235.7	48486.6	655	810	155	2217.0	0	0	0	0	663,816	0	0.00	0.00	0.00	0.00	13.35	48499.9
3/17/2008	4.0	216.1	5.6	225.7	48712.2	623	737	114	1756.0	3,234	9,014	2,611	14,859	680,476	16,660	0.00	0.43	0.00	0.43	13.78	48726.0
3/18/2008	4.0	216.1	6.0	226.1	48938.3	618	729	111	1530.0	807	2,994	997	4,798	686,271	5,795	0.00	0.14	0.00	0.14	13.92	48952.2
3/19/2008	4.7	214.1	5.1	223.8	49162.2	610	722	112	1592.0	1,211	2,606	532	4,349	689,594	3,323	0.00	0.12	0.00	0.12	14.05	49176.2
3/20/2008	3.6	194.7	9.1	207.4	49369.6	623	735	112	1593.0	1,225	3,002	739	4,966	695,640	6,046	0.00	0.14	0.00	0.14	14.19	49383.7
3/21/2008	3.6	187.6	11.4	202.6	49572.2	618	718	100	1331.0	2,065	2,639	381	5,085	699,455	3,815	0.00	0.13	0.00	0.13	14.32	49586.5
3/22/2008	3.6	187.6	11.4	202.6	49774.8	618	718	100	1331.0	0	0	0	0	699,455	0	0.00	0.00	0.00	0.00	14.32	49789.2
3/23/2008	3.6	187.6	11.4	202.6	49977.5	618	718	100	1331.0	0	0	0	0	699,455	0	0.00	0.00	0.00	0.00	14.32	49991.8
3/24/2008	1.6	82.1	5.0	88.7	50066.1	618	718	100	1526.0	0	0	0	0	699,455	0	0.00	0.00	0.00	0.00	14.32	50080.5

Table 3
Dual Vacuum Extraction System Performance Summary for CAA 3, August 2007 through March 2008
Alameda Point, Alameda, California

Date	Vapor Recovery and Treatment									Groundwater Recovery and Treatment											Total Cumulative TPH Mass Recovered in Vapor and Liquid Phases
	TVH Vapor Mass from the Wellfield					Catalytic Oxidizer Parameters				Treated Groundwater						TTPH Mass Recovered and Treated from Dissolved Phase					
	3A	3B	3C	Per Period	Cumulative	CAT Temperature Inlet	CAT Temperature Effluent	Temperature Rise	Inlet Concentration	3A Process Water	3B Process Water	3C Process Water	Cumulative Treated Wellfield Totalizers	Bld 112 Totalizer	Cumulative Treated Bld. 112 Totalizer	3A Mass	3B Mass	3C Mass	Per Period	Cumulative	
	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(^{o}F)	(^{o}F)	(^{o}F)	(ppmv)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
3/25/2008	1.6	83.7	3.3	88.5	50154.7	664	832	168	2478.0	5,737	9,299	2,344	17,380	718,403	18,948	0.00	0.44	0.00	0.44	14.76	50169.4
3/26/2008	1.5	254.1	9.1	264.6	50419.3	735	886	151	2278.0	1,232	2,985	792	5,009	722,537	4,134	0.00	0.14	0.00	0.14	14.90	50434.2
3/27/2008	0.0	256.5	13.8	270.3	50689.6	727	872	145	2125.0	0	3,876	886	4,762	728,407	5,870	0.00	0.18	0.00	0.19	15.09	50704.6
3/28/2008	0.0	251.7	11.0	262.8	50952.3	729	874	145	2182.0	0	3,440	329	3,769	731,947	3,540	0.00	0.16	0.00	0.16	15.25	50967.6
3/29/2008	0.0	251.7	11.0	262.8	51215.1	729	874	145	2182.0	0	0	0	0	731,947	0	0.00	0.00	0.00	0.00	15.25	51230.3
3/30/2008	0.0	251.7	11.0	262.8	51477.8	729	874	145	2182.0	0	0	0	0	731,947	0	0.00	0.00	0.00	0.00	15.25	51493.1
3/31/2008	0.0	258.9	13.8	272.6	51750.4	718	864	146	2106.0	0	10,749	2,141	12,890	744,210	12,263	0.00	0.51	0.00	0.51	15.77	51766.2

Notes:

TVH = Total Volatile Hydrocarbons
TTPH = Total Total Petroleum Hydrocarbons
(^{o}F) = degrees Farenheit
ppmv = parts per million by volume

Table 4

Pre-Remediation Design Data Investigation, Soil Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample ID	Sample Depth (feet)		TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
CAA 3A - DDI																	
CTO11-CAA3A-DP01	4/4/2007	CTO11-CAA3A-DP1-040407	3.5-4		<0.43	1.5	12	57	69	2.4	<16	<16	<16	<16	<16	<16	<16
CTO11-CAA3A-DP01 (dup)	4/4/2007	CTO11-CAA3A-DP1-B040407	4-4.5		<0.55	1.6	16	78	94	2.5	<18	<18	<18	<18	<18	<18	<18
CTO11-CAA3A-DP02	4/3/2007	CTO11-CAA3A-DP2-040307	4.5-5		<0.39	<1.2	<1.2	<5.9	<5.9	5.8 J	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
CTO11-CAA3A-DP03	4/3/2007	CTO11-CAA3A-DP3-040307	4.5-5		<0.36	<1.2	<1.2	<5.8	<5.8	21 J	<11	<11	<11	<11	<11	<11	<11
CTO11-CAA3A-DP04	4/3/2007	CTO11-CAA3A-DP4-040307	3.5-4		<0.28	<1	<1	<5.2	<5.2	2 J	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3
CTO11-CAA3A-DP06	4/3/2007	CTO11-CAA3A-DP6-040307	3.5-4		<0.57	<1.1	<1.1	<5.4	<5.4	5.7 J	<12	<12	<12	<12	<12	<12	<12
CTO11-CAA3A-DP07	4/3/2007	CTO11-CAA3A-DP7-040307	3.5-4		<0.41	<1.2	<1.2	<5.8	<5.8	2.6 J	<12	<12	<12	<12	<12	<12	<12
CTO11-CAA3A-DP07 (dup)	4/3/2007	CTO11-CAA3A-DP7-B040307	4-4.5		<0.42	<1.1	<1.1	<5.6	<5.6	5.2 J	<16	<16	<16	<16	<16	<16	<16
CTO11-CAA3A-DP08	4/4/2007	CTO11-CAA3A-DP8-040407	3.5-4		<0.61	<1.1	<1.1	<5.4	<5.4	2.8	<18	<18	<18	<18	<18	<18	<18
CTO11-CAA3A-DP09	4/3/2007	CTO11-CAA3A-DP9-040307	3.5-4		<0.49	<1.1	<1.1	<5.4	<5.4	1.8 J	<14	<14	<14	<14	<14	<14	<14
CTO11-CAA3A-DP10	4/3/2007	CTO11-CAA3A-DP10-040307	3.5-4		<0.52	<1.1	<1.1	<5.3	<5.3	2.5 J	<11	<11	<11	<11	<11	<11	<11
CTO11-CAA3A-DP11	4/3/2007	CTO11-CAA3A-DP11-040307	3.5-4		<0.59	<1.1	<1.1	<5.4	<5.4	2 J	<16	<16	<16	<16	<16	<16	<16
CTO11-CAA3A-DP12	4/3/2007	CTO11-CAA3A-DP12-040307	3.5-4		<0.59	<1.2	<1.2	<5.9	<5.9	2.2 J	<20	<20	<20	<20	<20	<20	<20
CTO11-CAA3A-DP13	4/3/2007	CTO11-CAA3A-DP13-040307	3.5-4		<0.67	<1.1	<1.1	<5.5	<5.5	1.7 J	<17	<17	<17	<17	<17	<17	<17
CTO11-CAA3A-DP14	4/3/2007	CTO11-CAA3A-DP14-040307	3.5-4		<0.52	<1.2	<1.2	<5.8	<5.8	2 J	<11	<11	<11	<11	<11	<11	<11
CTO11-CAA3A-DP15	4/3/2007	CTO11-CAA3A-DP15-040307	3.5-4		<0.32	<1.1	<1.1	<5.4	<5.4	1.6 J	<15	<15	<15	<15	<15	<15	<15
CAA 3B - DDI																	
CTO11-CAA3B-DP01	4/2/2007	CTO11-CAA3B-DP1-040207	4-4.5		<0.81	<1.1	2.2	7.9	10.1	3 J	<13	<13	<13	<13	<13	<13	<13
CTO11-CAA3B-DP02	4/2/2007	CTO11-CAA3B-DP2-040207	3.5-4		<0.56	<1.1	<1.1	<5.7	<5.7	6 J	<17	<17	<17	<17	<17	<17	<17
CTO11-CAA3B-DP03	4/2/2007	CTO11-CAA3B-DP3-040207	4-4.5		<0.58	7.1	21	72	93	3.3 J	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4

Table 4
Pre-Remediation Design Data Investigation, Soil Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample ID	Sample Depth (feet)	Method / Units	TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
CAA 3B - DDI																	
CTO11-CAA3B-DP04	4/2/2007	CTO11-CAA3B-DP4-040207	3.5-4		<0.51	<3.3	18	120	138	3.8 J	<16	<16	<16	<16	<16	<16	<16
CTO11-CAA3B-DP05	4/2/2007	CTO11-CAA3B-DP5-040207	3.5-4		<0.35	<1.2	<1.2	<5.8	<5.8	2.5 J	<11	<11	<11	<11	<11	<11	<11
CTO11-CAA3B-DP06	4/2/2007	CTO11-CAA3B-DP6-040207	3.5-4		0.66	<1.1	2.5	6.5	9.66	23 J	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3
CTO11-CAA3B-DP06 (dup)	4/2/2007	CTO11-CAA3B-DP6-B040207	4-4.5		0.53	<1.1	2.3	6.2	9.03	12 J	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5
CTO11-CAA3B-DP07	4/2/2007	CTO11-CAA3B-DP7-040207	3.5-4		950	4.7	21	35	1,006	5.7 J	<6.5	<6.5	36	78	<6.5	<6.5	<6.5
CTO11-CAA3B-DP08	4/2/2007	CTO11-CAA3B-DP8-040207	3.5-4		2,100	67	380	500	2,980	10 J	370 J	<13	2,600	6,000	<13	<13	39
CTO11-CAA3B-DP09	4/2/2007	CTO11-CAA3B-DP9-040207	3.5-4		<0.3	<1.1	<1.1	<5.3	<5.3	4 J	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6
CTO11-CAA3B-DP10	4/3/2007	CTO11-CAA3B-DP10-040307	3.5-4		1.9	3.3	18	26	45.9	7.5 J	<11	<11	<11	<11	<11	<11	<11
CTO11-CAA3B-DP11	4/3/2007	CTO11-CAA3B-DP11-040307	3.5-4		11	22	110	130	251	15 J	500	<19	40	<19	<19	<19	30
CTO11-CAA3B-DP11 (dup)	4/3/2007	CTO11-CAA3B-DP11-B040307	4-4.5		3.7	8.9	33	54	90.7	21 J	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3
CTO11-CAA3B-DP12	4/2/2007	CTO11-CAA3B-DP12-040207	3.5-4		350	12	22	46	418	25 J	<6.2	<6.2	26	55	<6.2	14	13
CTO11-CAA3B-DP13	4/3/2007	CTO11-CAA3B-DP13-040307	3.5-4		<0.24	5.1	22	78	100	9.3 J	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4
CTO11-CAA3B-DP14	4/3/2007	CTO11-CAA3B-DP14-040307	3.5-4		110	30	56	130	296	9.4 J	<620	<620	<620	<620	<620	<620	<620
CTO11-CAA3B-DP15	4/3/2007	CTO11-CAA3B-DP15-040307	3.5-4		320	180	730	730	1,780	16 J	190 J	<14 UJ	150 J	<14 UJ	<14 UJ	<14 UJ	45 J
CAA 3B - DDI Stepout																	
CTO11-CAA3B-DP16	8/14/2007	CTO11-CAA3B-DP16-081407	3.5-4		<0.33	<1.4	7.7	39	46.7	0.67 J	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4
CTO11-CAA3B-DP17	8/14/2007	CTO11-CAA3B-DP17-081407	3.5-4		<0.21	<1.1	4.8	15	19.8	4.4 J	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
CAA 3C - DDI																	
CTO11-CAA3C-DP01	4/4/2007	CTO11-CAA3C-DP1-040407	3-3.5		<0.26	<1.1	<1.1	<5.7	<5.7	5.4	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7
CTO11-CAA3C-DP02	4/4/2007	CTO11-CAA3C-DP2-040407	2.5-3		<0.24	<1	<1	<5.2	<5.2	3.7	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4

Table 4

Pre-Remediation Design Data Investigation, Soil Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample ID	Sample Depth (feet)		TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
CAA 3C - DDI																	
CTO11-CAA3C-DP02 (dup)	4/4/2007	CTO11-CAA3C-DP2-B040407	3-3.5		<0.22	<1	<1	<5.2	<5.2	6.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
CTO11-CAA3C-DP03	4/6/2007	CTO11-CAA3C-DP3-040607	3.5-4		3.6	1.8	2.4	7.9	13.9	6.2	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5
CTO11-CAA3C-DP04	4/4/2007	CTO11-CAA3C-DP4-040407	3-3.5		<0.59	<1.1	<1.1	11	11	11	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8
CTO11-CAA3C-DP05	4/4/2007	CTO11-CAA3C-DP5-040407	2.5-3		<0.4	<1.1	13	56	69	17 J	<10	<10	<10	<10	<10	<10	<10
CTO11-CAA3C-DP06	4/4/2007	CTO11-CAA3C-DP6-040407	3-3.5		<0.53	1.5	23	45	68	6.6	<14	<14	<14	<14	<14	<14	<14
CTO11-CAA3C-DP06 (dup)	4/4/2007	CTO11-CAA3C-DP6-B040407	3.5-4		<0.33	<1.2	4	13	17	3.7	<15	<15	<15	<15	<15	<15	<15
CTO11-CAA3C-DP07	4/4/2007	CTO11-CAA3C-DP7-040407	2.5-3		<0.52	<1.1	<1.1	<5.6	<5.6	3.6	<12	<12	<12	<12	<12	<12	<12
CTO11-CAA3C-DP08	4/4/2007	CTO11-CAA3C-DP8-040407	2-2.5		<0.28	<1.4	4.1	19	23.1	6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8
CTO11-CAA3C-DP09	4/5/2007	CTO11-CAA3C-DP9-040507	2.5-3		54	25	79	190	323	26	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9
CTO11-CAA3C-DP10	4/5/2007	CTO11-CAA3C-DP10-040507	2.5-3		<0.34	<1	2	<5.1	2	2.8	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4
CTO11-CAA3C-DP11	4/5/2007	CTO11-CAA3C-DP11-040507	3-3.5		<0.21	<1.1	19	110	129	37	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
CTO11-CAA3C-DP12	4/5/2007	CTO11-CAA3C-DP12-040507	2.5-3		<0.57	1.9	35	76	111	24	<15	<15	<15	<15	<15	<15	<15
CTO11-CAA3C-DP13	4/4/2007	CTO11-CAA3C-DP13-040407	3.5-4		3	160	450	350	803	15	<17	<17	<17	<17	<17	<17	<17
CTO11-CAA3C-DP14	4/4/2007	CTO11-CAA3C-DP14-040407	2-2.5		<0.23	<1.2	1.3	11	12.3	4.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
CTO11-CAA3C-DP15	4/5/2007	CTO11-CAA3C-DP15-040507	2-2.5		<0.39	<1.2	21	28	49	170	<10	<10	<10	<10	<10	<10	<10
CTO11-CAA3C-DP16	4/5/2007	CTO11-CAA3C-DP16-040507	2.5-3		1.8	2	20	95	116.8	26	<15	<15	<15	<15	<15	<15	<15
CTO11-CAA3C-DP17	4/5/2007	CTO11-CAA3C-DP17-040507	2.5-3		<0.4	<1.1	8.9	21	29.9	18	<14	<14	<14	<14	<14	<14	<14

Table 4
Pre-Remediation Design Data Investigation, Soil Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Notes: Highlighted cells indicate residential PRC (2001) exceedances (refer to Table 1)

Methods are per USEPA Test Methods for Evaluating Solid Waste, SW-846 Physical/Chemical Methods (1996)

DDI	Design Data Investigation
CAA	Corrective Action Area
mg/kg	Milligrams per kilogram
ug/kg	Micrograms per kilogram
TPH	Total Petroleum Hydrocarbons
MTBE	Methyl Tert-Butyl Ether
PRC	Preliminary Remediation Criteria
PQL	Practical Quantitation Limit
<	Not detected at the PQL
J	Concentration is estimated
UJ	Practical quantitation limit is estimated
*	Total TPH is the sum of concentrations for Gasoline, Diesel, and Motor Oil; it does not include Jet Fuel as it overlaps both gasoline and diesel.
**	Total Xylenes is the sum of concentrations for m,p-Xylene and o-Xylene

Table 5
Groundwater Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample Phase	Sample Depth (feet)		TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3A																	
CTO11-CAA3A-DP01	4/19/2007	DDI	4-10		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP01	1/23/2008	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP01	3/18/2008	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP02	4/19/2007	DDI	4-10		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP02	12/19/2007	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP02	1/23/2008	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP03	4/23/2007	DDI	4-10		110	1,200	960	<300	1,070	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP03	1/23/2008	Monthly	-		370	3,700	3,300	<300	**3,670**	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP03	3/18/2008	Monthly	-		180	1,300	1,200	<300	1,380	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP04	4/23/2007	DDI	4-10		170	330	200	<300	370	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP04	1/23/2008	Monthly	-		230	550	440	<300	670	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP04	3/18/2008	Monthly	-		89	300	300	<300	389	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP05	4/23/2007	DDI	4-10		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP05	2/26/2008	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP06	4/23/2007	DDI	4-10		1,700	<50	<50	<300	**1,700**	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP06	8/23/2007	Baseline	-		1,500 J	<50	<50	<300	**1,500 J**	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP06	11/14/2007	Monthly	-		1,200	<50	<50	<300	1,200	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP06	12/19/2007	Monthly	-		1,300	280	91	<300	1,391	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP06	3/18/2008	Monthly	-		1,700	260	230	<300	**1,930**	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP07	11/14/2007	Monthly	-		2,100	1,600	440	410	**2,950**	--	<0.1#	<1.3	<1.3	<1.3	<1.3	<5	<1.3

Table 5
Groundwater Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample Phase	Sample Depth (feet)	Method / Units	TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3A																	
CTO11-CAA3A-DP07	12/19/2007	Monthly	-		2,600	2,200	350	420	**3,370**	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP07	2/26/2008	Monthly	-		1,200	370	280	<300	**1,480**	--	<0.5	<0.5	<0.5	<0.5	<0.5	2.1	<0.5
CTO11-CAA3A-DP08	4/23/2007	DDI	4-10		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP08	12/19/2007	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP08	1/23/2008	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP09	*4/23/2007*	*DDI*	*4-10*		*390*	*71*	*<50*	*<300*	*390*	*<3*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<2*	*<0.5*
CTO11-CAA3A-DP09	1/23/2008	Monthly	-		56	<50	<50	<300	56	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP09	2/26/2008	Monthly	-		64	290	190	<300	254	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP10	4/23/2007	DDI	4-10		3,200	370	<50	<300	**3,200**	<4.9 U	**4.3**	<1	25	58	<1	<4	25
CTO11-CAA3A-DP10	10/17/2007	Monthly	-		1,800	660	190	<300	**1,990**	--	0.6	<0.5	<0.5	<0.5	<0.5	<2	2.5
CTO11-CAA3A-DP10	11/14/2007	Monthly	-		6,100 J+	850	380	1,300	**7,780 J+**	--	<0.1#	<1.3	<1.3	<1.3	<1.3	<5	4.2
CTO11-CAA3A-DP10	12/19/2007	Monthly	-		2,900	210	99	370	**3,369**	--	<0.2#	3.4	<2.5	<2.5	<2.5	<10	4.2
CTO11-CAA3A-DP10	1/23/2008	Monthly	-		2,200	2,400	1,800	380	**4,380**	--	0.07 J	<0.5	<0.5	<0.5	<0.5	<2	0.8
CTO11-CAA3A-DP10	3/18/2008	Monthly	-		3,000	8,800	6,600	440	**10,040**	--	0.1 J	<0.5	<0.5	<0.5	<0.5	<2	0.9
CTO11-CAA3A-DP11	4/23/2007	DDI	4-10		2,800	280	<50	<300	**2,800**	<5 U	<0.5	<0.5	1.9	<0.5	<0.5	2.1	14
CTO11-CAA3A-DP11 (dup)	4/23/2007	DDI	4-10		2,200	240	<50	<300	**2,200**	<4.2 U	<0.5	<0.5	1.8	<0.5	<0.5	2.2	12
CTO11-CAA3A-DP11	8/23/2007	Baseline	-		2,900 J	68	<50	<300	**2,900 J**	--	<0.5	<0.5	0.6	<0.5	<0.5	<2	5.5
CTO11-CAA3A-DP11	10/17/2007	Monthly	-		70,000	20,000	5,100	9,100	**84,200**	--	<0.7#	<3.1	4.3	17	<3.1	<13	130
CTO11-CAA3A-DP11	11/14/2007	Monthly	-		1,300	110	<50	<300	1,300	--	<1	<1	<1	<1	<1	<4	1.2
CTO11-CAA3A-DP11	12/19/2007	Monthly	-		1,100	66	<50	<300	1,100	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5

Table 5
Groundwater Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample Phase	Sample Depth (feet)		TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3A																	
CTO11-CAA3A-DP11	1/23/2008	Monthly	-		1,300	170	53	<300	1,353	--	0.1 J	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP11	3/18/2008	Monthly	-		1,300	430	200	<300	**1,500**	--	0.1 J	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP12	4/23/2007	DDI	4-10		970	<50	<50	<300	970	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP12	2/26/2008	Monthly	-		53	<50	<50	<300	53	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP13	4/19/2007	DDI	4-10		1,100	<50	<50	<300	1,100	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP13	8/23/2007	Baseline	-		1,300	<50	<50	<300	1,300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP13	3/18/2008	Monthly	-		120	<50	<50	<300	120	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP14	4/19/2007	DDI	4-10		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP14	12/19/2007	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP14	3/18/2008	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DP15	4/19/2007	DDI	4-10		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	0.6	<2	<0.5
CTO11-CAA3A-DP15 (dup)	4/19/2007	DDI	4-10		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	0.7	<2	<0.5
CTO11-CAA3A-DP15	1/23/2008	Monthly	-		<50	<50	<50	<300	<300	--	0.04 J	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE02	9/24/2007	Baseline	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE02	10/17/2007	Monthly	-		110	150	340	<300	450	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE02	11/14/2007	Monthly	-		100	<50	<50	<300	100	--	<0.6#	<1.3	<1.3	<1.3	<1.3	<5	<1.3
CTO11-CAA3A-DVE02	1/23/2008	Monthly	-		<50	210	84	<300	84	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE02	3/18/2008	Monthly	-		86	51	88	<300	174	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE03	8/23/2007	Baseline	-		58	<50	<50	<300	58	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE03	10/17/2007	Monthly	-		92	210	450	<300	542	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5

Table 5
Groundwater Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample Phase	Sample Depth (feet)	Method / Units	TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3A																	
CTO11-CAA3A-DVE03	11/14/2007	Monthly	-		890	51	<50	<300	890	--	<10##	<20	<20	<20	<1.9#	<80	<20
CTO11-CAA3A-DVE03	2/26/2008	Monthly	-		<50	<50	50	<300	50	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE04	8/23/2007	Baseline	-		400 J	<50	<50	<300	400 J	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE04	10/17/2007	Monthly	-		120	190	170	<300	290	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE04	2/26/2008	Monthly	-		110	320	340	<300	450	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE05	8/23/2007	Baseline	-		300	110	<50	<300	300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE05	10/17/2007	Monthly	-		140	160	150	<300	290	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE05	12/19/2007	Monthly	-		61	<50	<50	<300	61	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE05	3/18/2008	Monthly	-		110	<50	<50	<300	110	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE06	8/23/2007	Baseline	-		150	58	<50	<300	150	--	<0.03#	<1.3	<1.3	<1.3	<1.3	<5	<1.3
CTO11-CAA3A-DVE06	10/17/2007	Monthly	-		180	1,000	360	<300	540	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE06	11/14/2007	Monthly	-		1,200	210	170	<300	1,370	--	<0.7#	<8.3	<8.3	<8.3	<0.5#	<33	<8.3
CTO11-CAA3A-DVE06	2/26/2008	Monthly	-		140	260	230	<300	370	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE07	8/23/2007	Baseline	-		380	<50	<50	<300	380	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE07	10/17/2007	Monthly	-		610	1,300	850	380	**1,840**	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE07	11/14/2007	Monthly	-		1,300	570	350	<300	**1,650**	--	<0.5	<0.5	<0.5	0.6	<0.5	<2	<0.5
CTO11-CAA3A-DVE07	12/19/2007	Monthly	-		210	320	<50	<300	210	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE07	2/26/2008	Monthly	-		110	480	320	<300	430	--	<0.3#	<1.7	<1.7	<1.7	<1.7	<6.7	<1.7
CTO11-CAA3A-DVE08	8/23/2007	Baseline	-		120	<50	<50	<300	120	--	<0.5	<0.5	2	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE08	10/17/2007	Monthly	-		220	230	100	<300	320	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5

Table 5
Groundwater Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample Phase	Sample Depth (feet)		TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3A																	
CTO11-CAA3A-DVE08	11/14/2007	Monthly	-		370	56	61	<300	431	--	<0.5	<0.5	0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE08	2/26/2008	Monthly	-		140	<50	<50	<300	140	--	<0.6#	<3.1	<3.1	<3.1	<3.1	<13	<3.1
CTO11-CAA3A-DVE09	8/23/2007	Baseline	-		250	<50	<50	<300	250	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE09	10/17/2007	Monthly	-		250	180	80	<300	330	--	0.2 J	<0.5	0.6	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE09	11/14/2007	Monthly	-		1,400	82	83	<300	**1,483**	--	0.3 J	<0.5	2.3	0.6	<0.5	<2	0.7
CTO11-CAA3A-DVE09	12/19/2007	Monthly	-		73	84	50	<300	123	--	0.2 J	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3A-DVE09	2/26/2008	Monthly	-		190	270	220	<300	410	--	<0.3# U	<1.7	<1.7	<1.7	<1.7	<6.7	<1.7
CAA 3B																	
CTO11-CAA3B-DP01	4/12/2007	DDI	4-10		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2 UJ	<0.5
CTO11-CAA3B-DP01	12/21/2007	Monthly	-		<50	<50	59	<300	59	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DP01	3/19/2008	Monthly	-		95	<50	<50 UJ	<300	95	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DP02	4/9/2007	DDI	4-10		2,100	180	<50	<300	**2,100**	<4.4 U	**20**	<0.5	1.6	37	<0.5	<2	4.5
CTO11-CAA3B-DP02	12/21/2007	Monthly	-		1,200	180	<50	<300	1,200	--	**6.4**	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DP02	3/19/2008	Monthly	-		1,100	400	320 J-	<300	**1,420 J-**	--	**6.2**	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DP03	4/10/2007	DDI	4-10		9,700	330	<50	<300	**9,700**	<3.7 U	**430**	<2	**900**	**2,303**	<2	<8	19
CTO11-CAA3B-DP03 (dup)	4/10/2007	DDI	4-10		9,500	330	<50	<300	**9,500**	<3	**400**	<10	**830**	**2,200**	<0.9#	<40	22
CTO11-CAA3B-DP03	11/14/2007	Monthly	-		20,000	880	300	520	**20,820**	--	**250**	<13	**720**	**3,000**	<0.7#	<50	20
CTO11-CAA3B-DP03	3/19/2008	Monthly	-		16,000	1,700	660 J-	790	**17,450 J-**	--	**210**	<13	**680**	**2,915**	<2.5#	<50	17
CTO11-CAA3B-DP03*****	12/21/2007	Monthly	-		2,500,000 J+	72,000 J+	6,100 J+	6,000 J+	**2,512,100 J+**	--	**590,000 J+**	<120,000##	**21,000,000 J+**	**82,000,000 J+**	<61,000##	<4,000,000	1,400,000 J+
CTO11-CAA3B-DP04	4/9/2007	DDI	4-10		9,600	310	<50	<300	**9,600**	<3	**55**	<2	**840**	1,098	<2	<8	21

Table 5
Groundwater Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample Phase	Sample Depth (feet)	Method / Units	TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3B																	
CTO11-CAA3B-DP04	11/14/2007	Monthly	-		34,000	1,500	310	430	**34,740**	--	**48**	<5	**410**	1,386	<5	<20	17
CTO11-CAA3B-DP04*****	12/21/2007	Monthly	-		3,000,000 J+	9,200 J+	1,100 J+	1,300 J+	**3,002,400 J+**	--	**160 J+**	<50	**830 J+**	**11,910 J+**	<3#	<200	57 J+
CTO11-CAA3B-DP05	4/10/2007	DDI	4-10		560	<50	<50	<300	560	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DP05	12/21/2007	Monthly	-		920	<50	<50	<300	920	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DP05	2/25/2008	Monthly	-		290	<50	<50	<300	290	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DP06	4/11/2007	DDI	4-10		6,300	750	56	<300	**6,356**	<7.1 U	**250**	<1.7	**410**	586.5	<1.7	<6.7	14
CTO11-CAA3B-DP06	11/14/2007	Monthly	-		69,000	21,000	1,600	2,200	**72,800**	--	**390**	<100	**810**	**2,100**	<5.7##	<400	<100
CTO11-CAA3B-DP06*****	12/21/2007	Monthly	-		450,000 J+	10,000 J+	1,700 J+	2,300 J+	**454,000 J+**	--	**140 J+**	<71	300 J+	**1,900 J+**	<4.3#	<290	<71
CTO11-CAA3B-DP07	4/11/2007	DDI	4-10		3,100	960	70	<300	**3,170**	<3	**140**	1.7	96	247	<1.3	<5	5.3
CTO11-CAA3B-DP07	12/21/2007	Monthly	-		8,100	1,000	190	<300	**8,290**	--	**73**	<2.5	130	700	<2.5	11	15
CTO11-CAA3B-DP08	4/11/2007	DDI	4-10		6,300	25,000	22,000	<300	**28,300**	<3	**770**	**210**	270	710	<0.6#	<25 UJ	6.3
CTO11-CAA3B-DP09	4/11/2007	DDI	4-10		3,300	3,700	1,500	<300	**4,800**	<5.9 U	<0.7#	<3.6	<3.6	<3.6	<3.6	<14	<3.6
CTO11-CAA3B-DP09 (dup)	4/11/2007	DDI	4-10		2,600	2,700	1,600	<300	**4,200**	<5.8 U	**2.5**	<1.7	<1.7	<1.7	<1.7	<6.7	3.2
CTO11-CAA3B-DP09	1/24/2008	Monthly	-		1,700	65	<50	<300	**1,700**	--	**4.5**	<0.5	<0.5	<0.5	<0.5	3.3	<0.5
CTO11-CAA3B-DP09	2/25/2008	Monthly	-		1,200	210	<50	<300	1,200	--	**5.7**	<1.3	<1.3	<1.3	<1.3	<5	3
CTO11-CAA3B-DP10	4/12/2007	DDI	4-10		1,600	<50	<50	<300	**1,600**	4.9	<0.5	<0.5	<0.5	<0.5	<0.5	<2 UJ	<0.5
CTO11-CAA3B-DP10	1/24/2008	Monthly	-		1,600	<50	<50	<300	**1,600**	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DP10	3/19/2008	Monthly	-		220	<50	<50 UJ	<300	220	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DP11	4/12/2007	DDI	4-10		6,500	1,800	380	<300	**6,880**	<3	**1,700**	<8.3	<8.3	<8.3	<0.8#	<33 UJ	<8.3
CTO11-CAA3B-DP11	1/24/2008	Monthly	-		3,700	95	<50	<300	**3,700**	--	**26**	<0.5	<0.5	<0.5	<0.5	<2	1.4

Table 5
Groundwater Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample Phase	Sample Depth (feet)	Method / Units	TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3B																	
CTO11-CAA3B-DP12	4/12/2007	DDI	4-10		6,100	140	<50	<300	**6,100**	7.5	**710**	<6.3	88	25	<0.6#	<25 UJ	10
CTO11-CAA3B-DP12	1/24/2008	Monthly	-		9,900	2,600	1,300	1,900	**13,100**	--	**190**	<0.5	1.6	7	<0.5	10	1.4
CTO11-CAA3B-DP13	4/12/2007	DDI	4-10		10,000	4,700	3,300	<300	**13,300**	**21**	**1,300**	<6.3	9.6	<6.3	<0.6#	<25	6.4
CTO11-CAA3B-DP13	2/25/2008	Monthly	-		2,200	1,600	420	<300	**2,620**	--	**91**	<0.7	<0.7	<0.7	<0.7	<2.9	<0.7
CTO11-CAA3B-DP14	4/12/2007	DDI	4-10		3,300	110	57	<300	**3,357**	14	**2.9**	<0.5	1.4	0.6	<0.5	<2 UJ	4
CTO11-CAA3B-DP14	1/24/2008	Monthly	-		2,700	270	99	<300	**2,799**	--	**1.6**	<0.5	0.7	0.6	<0.5	6.3	5.9
CTO11-CAA3B-DP15	4/12/2007	DDI	4-10		4,800	310	70	<300	**4,870**	4	**390**	<2.5	6.8	<2.5	<2.5	<10 UJ	7.9
CTO11-CAA3B-DP15	2/25/2008	Monthly	-		3,100	17,000	16,000	<300	**19,100**	--	**2.1**	<1	<1	<1	<1	<4	5.3
CTO11-CAA3B-DP16	8/22/2007	DDI Stepout	5-10		3,100 J	89	54	380	**3,534 J**	<3.4	<0.03#	<1.3	160	136	<1.3	<5	5.7
CTO11-CAA3B-DP16	11/14/2007	Monthly	-		2,900	<50	<50	<300	**2,900**	--	0.5 J	<5	35	27	<5	<20	5.1
CTO11-CAA3B-DP16	3/19/2008	Monthly	-		4,400	240	61 J-	<300	**4,461 J-**	--	0.4 J	<1	160	300	<1	<4	9.6
CTO11-CAA3B-DP17	8/22/2007	DDI Stepout	5-10		<50	<50	<50	<300	<300	<3.4	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DP17	2/25/2008	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DVE01	10/17/2007	Baseline	-		130 J-	<50	<50	<300	130 J-	--	**1.4**	<1	<1	<1	<1	<4	<1
CTO11-CAA3B-DVE01	2/25/2008	Monthly	-		290	650	170	<300	460	--	0.8	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DVE01A	11/14/2007	Monthly	-		430	64	<50	<300	430	--	0.08 J	<0.5	<0.5	<0.5	<0.5	<2	0.7
CTO11-CAA3B-DVE01A	12/21/2007	Monthly	-		470	270	63	<300	533	--	0.1 J	<0.5	<0.5	<0.5	<0.5	<2	1.8
CTO11-CAA3B-DVE01A	2/25/2008	Monthly	-		69	240	120	<300	189	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DVE02	1/24/2008	Monthly	-		130	660	180	<300	310	--	0.6	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DVE02	3/19/2008	Monthly	-		190	200	<50 UJ	<300	190	--	0.4 J	<0.5	<0.5	<0.5	<0.5	<2	<0.5

Table 5
Groundwater Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample Phase	Sample Depth (feet)	Method / Units	TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3B																	
CTO11-CAA3B-DVE03	10/17/2007	Baseline	-		1,500	<50	<50	<300	1,500	--	53	2.2	37	132	<0.5	<2	4.9
CTO11-CAA3B-DVE03	11/14/2007	Monthly	-		610	64	61	<300	671	--	15	<2.5	5.7	20	<2.5	<10	<2.5
CTO11-CAA3B-DVE03	3/19/2008	Monthly	-		400	160	<50 UJ	<300	400	--	27	<0.5	1	5.2	<0.5	<2	<0.5
CTO11-CAA3B-DVE04	10/17/2007	Baseline	-		880	<50	<50	<300	880	--	7.6	<0.5	<0.5	<0.5	<0.5	3.1	<0.5
CTO11-CAA3B-DVE04	11/14/2007	Monthly	-		3,700	680	320	5,500	9,520	--	1.7	<1	<1	<1	<1	<4	<1
CTO11-CAA3B-DVE04	12/21/2007	Monthly	-		9,400	1,700	770	810	10,980	--	5.5	<1	<1	1.4	<1	<4	3
CTO11-CAA3B-DVE04	2/25/2008	Monthly	-		230	660	210	<300	440	--	1.6	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DVE05	10/17/2007	Baseline	-		620	88	83	<300	703	--	12	0.7	3.1	14.9	<0.5	<2	1.7
CTO11-CAA3B-DVE05	11/14/2007	Monthly	-		690	<50	<50	<300	690	--	14	1.3	7.2	18.6	<0.5	<2	0.7
CTO11-CAA3B-DVE05	3/19/2008	Monthly	-		330	410	330 J-	<300	660 J-	--	32	<0.5	1.1	3.2	<0.5	<2	1.4
CTO11-CAA3B-DVE06	10/17/2007	Baseline	-		280	<50	<50	<300	280	--	11	6.9	5	14	<0.5	<2	<0.5
CTO11-CAA3B-DVE06	11/14/2007	Monthly	-		1,100	230	200	<300	1,300	--	110	10	16	31	<2.5	<10	<2.5
CTO11-CAA3B-DVE06	12/21/2007	Monthly	-		89	57	<50	<300	89	--	<1	<1	<1	<1	<1	<4	<1
CTO11-CAA3B-DVE06	3/19/2008	Monthly	-		190	320	330 J-	<300	520 J-	--	1.7	2	2.2	8	<0.5	<2	<0.5
CTO11-CAA3B-DVE07	1/24/2008	Monthly	-		190	210	100	<300	290	--	9.5	<0.5	2.9	0.6	<0.5	<2	<0.5
CTO11-CAA3B-DVE08	1/24/2008	Monthly	-		250	270	82	<300	332	--	14	2.6	1.8	3.5	<0.5	<2	0.7
CTO11-CAA3B-DVE09	1/24/2008	Monthly	-		3,800	45,000	44,000	<3,000	47,800	--	170	<0.5	2.4	0.7	<0.5	8.2	3.9
CTO11-CAA3B-DVE09	2/25/2008	Monthly	-		700	5,600	4,800	<300	5,500	--	57	<0.8	<0.8	<0.8	<0.8	<3.3	<0.8
CTO11-CAA3B-DVE10	1/24/2008	Monthly	-		100	140	66	<300	166	--	0.2 J	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DVE11	1/24/2008	Monthly	-		240	240	93	<300	333	--	4	<0.5	<0.5	<0.5	<0.5	<2	<0.5

Table 5
Groundwater Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample Phase	Sample Depth (feet)	Method / Units	TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3B																	
CTO11-CAA3B-DVE12	11/14/2007	Monthly	-		1,800	96	70	20,000	**21,870**	--	**59**	<0.5	1.2	<0.5	<0.5	<2	2
CTO11-CAA3B-DVE12	2/25/2008	Monthly	-		<50	200	120	<300	120	--	0.2 J	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DVE13	1/24/2008	Monthly	-		230	100	60	<300	290	--	**53**	<0.5	0.6	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DVE14	1/24/2008	Monthly	-		110	160	61	<300	171	--	0.3 J	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3B-DVE15	1/24/2008	Monthly	-		300	650	99	<300	399	--	0.1 J	<0.5	<0.5	<0.5	<0.5	<2	0.6
CTO11-CAA3B-DVE15	3/19/2008	Monthly	-		120	360	310 J-	<300	430 J-	--	0.1 J	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-EXT3B-M03-05	4/25/2007	DDI	3-13		77	<50	<50	<300	77	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CAA 3C																	
CTO11-CAA3C-DP01	4/17/2007	DDI	4-10		1,700	210	<50	<300	**1,700**	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	3.4
CTO11-CAA3C-DP01 (dup)	4/17/2007	DDI	4-10		1,600	250	<50	<300	**1,600**	5.7	<0.5	<0.5	<0.5	<0.5	<0.5	<2	2
CTO11-CAA3C-DP01	12/20/2007	Monthly	-		1,600	220	<50	<300	**1,600**	--	0.2 J	<0.5	<0.5	<0.5	<0.5	<2	1.3
CTO11-CAA3C-DP01	3/20/2008	Monthly	-		2,200	85	<50	<300	**2,200**	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	3.7
CTO11-CAA3C-DP02	4/17/2007	DDI	4-10		790	260	50	<300	840	<4.7 U	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP02	10/18/2007	Monthly	-		290	240	110	<300	400	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP02	11/15/2007	Monthly	-		450	74	<50	<300	450	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP02	12/20/2007	Monthly	-		180	690	110	<300	290	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP02	2/22/2008	Monthly	-		650	570	210	<300	860	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP03	4/17/2007	DDI	4-10		1,100	7,200	6,700	<300	**7,800**	5.1	**38**	<1	<1	<1	<1	<4	2.2
CTO11-CAA3C-DP03	12/20/2007	Monthly	-		2,300	5,700	4,800	<300	**7,100**	--	**77**	<0.5	<0.5	1.6	<0.5	4.8	0.9
CTO11-CAA3C-DP03	2/22/2008	Monthly	-		2,300	4,400	4,200	<300	**6,500**	--	**51**	<0.5	<0.5	0.6	<0.5	2.6	3

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				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3C																	
CTO11-CAA3C-DP04	4/16/2007	DDI	4-10		1,400	83	<50	<300	1,400	**18**	<0.5	<0.5	<0.5	<0.5	<0.5	<2	86
CTO11-CAA3C-DP04	1/22/2008	Monthly	-		830	1,800	620	<300	**1,450**	--	**1.1**	<0.5	<0.5	<0.5	<0.5	<2	65
CTO11-CAA3C-DP04	3/20/2008	Monthly	-		1,600	72	<50	<300	**1,600**	--	0.2 J	<0.5	<0.5	<0.5	<0.5	<2	60
CTO11-CAA3C-DP05	4/16/2007	DDI	3.5-9.5		2,900	150	140	<300	**3,040**	8.4	**25**	**220**	35	158	<1.3	<5	42
CTO11-CAA3C-DP05	10/18/2007	Monthly	-		3,800	270	260	<300	**4,060**	--	**34**	**190**	53	193	<1.3	<5	83
CTO11-CAA3C-DP05	11/15/2007	Monthly	-		4,100	210	180	<300	**4,280**	--	**52**	**310**	64	232	<1.3	<5	95
CTO11-CAA3C-DP05	12/20/2007	Monthly	-		4,000	1,100	400	<300	**4,400**	--	**56**	**190**	67	213	<1	<4	89
CTO11-CAA3C-DP05	3/20/2008	Monthly	-		3,600	390	380	<300	**3,980**	--	**56**	**160**	51	151	<1.3	<5	78
CTO11-CAA3C-DP06	4/17/2007	DDI	4-10		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5 UJ	<0.5	<2	<0.5
CTO11-CAA3C-DP06 (dup)	4/17/2007	DDI	4-10		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP06	8/23/2007	Baseline	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP06	12/20/2007	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP06	3/20/2008	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP07	4/18/2007	DDI	4-10		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP07	8/23/2007	Baseline	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP07	1/22/2008	Monthly	-		53	<50	50	<300	103	--	**1.4**	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP08	4/17/2007	DDI	4-10		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP08	1/22/2008	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP09	4/16/2007	DDI	2.5-8.5		430	310	280	<300	710	9.8	**6.9**	27	8.3	33	<0.5	<2	12
CTO11-CAA3C-DP09	10/18/2007	Monthly	-		4,800	710	700	<300	**5,500**	--	**87**	**370**	110	328	<2.5	<10	150

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				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3C																	
CTO11-CAA3C-DP09	11/15/2007	Monthly	-		5,200	660	670	<300	**5,870**	--	**100**	**510**	120	384	<3.1	<13	160
CTO11-CAA3C-DP09	12/20/2007	Monthly	-		4,900	630	630	<300	**5,530**	--	**97**	**440**	110	364	<2.5	<10	160
CTO11-CAA3C-DP09	1/22/2008	Monthly	-		3,800	490	510	<300	**4,310**	--	**75**	**310**	82	256	<0.5	<2	110
CTO11-CAA3C-DP09	3/20/2008	Monthly	-		3,900	540	560	<300	**4,460**	--	**53**	**240**	70	242	<1.7	<6.7	120
CTO11-CAA3C-DP10***	4/17/2007	DDI	4-10		<50	<50	180	360	540	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP10***	4/18/2007	DDI	4-10		--	--	--	--	--	**34**	--	--	--	--	--	--	--
CTO11-CAA3C-DP10	8/23/2007	Baseline	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP10	1/22/2008	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP11	4/18/2007	DDI	4-10		<50	<50	110	<300	110	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP11	2/22/2008	Monthly	-		870	<50	<50	<300	870	--	<3.3##	<17	<17	<17	<3.3#	<67	<17
CTO11-CAA3C-DP12	4/16/2007	DDI	3.5-9.5		100	<50	<50	<300	100	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP12	12/20/2007	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP12	3/20/2008	Monthly	-		130	<50	<50	<300	130	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP13	4/18/2007	DDI	4-10		<50	<50	<50	<300	<300	<3.9 U	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP13	1/22/2008	Monthly	-		<50	<50	89	<300	89	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP14	4/19/2007	DDI	4-10		<50	<50	<50	<300	<300	**40**	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP14	1/22/2008	Monthly	-		<50	<50	<50	<300	<300	--	0.04 J	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP15****	4/17/2007	DDI	4-10		<50	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP15****	4/18/2007	DDI	4-10		--	<50	120	<300	120	--	--	--	--	--	--	--	--
CTO11-CAA3C-DP15****	4/19/2007	DDI	4-10		--	--	--	--	--	<3	--	--	--	--	--	--	--

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				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3C																	
CTO11-CAA3C-DP15	1/22/2008	Monthly	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP16	4/16/2007	DDI	4-10		2,700	200	130	<300	**2,830**	3.2	**52**	1.8	26	15.8	<0.5	<2	98
CTO11-CAA3C-DP16	12/20/2007	Monthly	-		6,200	670	400	<300	**6,600**	--	**190**	**430**	110	344	<2.5	<10	190
CTO11-CAA3C-DP16	2/22/2008	Monthly	-		4,100 J+	1,300	450	<300	**4,550 J+**	--	**41**	26	32	71	<0.5	2.1	93
CTO11-CAA3C-DP17	4/18/2007	DDI	4-10		690	<50	76	<300	766	<4.5 U	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DP17	2/22/2008	Monthly	-		110	<50	<50	<300	110	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DVE01	9/24/2007	Baseline	-		2,800	200	200	<300	**3,000**	--	**62**	**160**	40	126	<1.3	<5	120
CTO11-CAA3C-DVE01	10/18/2007	Monthly	-		2,600	270	220	<300	**2,820**	--	**62**	110	36	93	<0.7	<2.9	100
CTO11-CAA3C-DVE01	11/15/2007	Monthly	-		920	59	64	<300	984	--	**9.8**	1.6	0.7	<0.5	<0.5	<2	4.9
CTO11-CAA3C-DVE01	12/20/2007	Monthly	-		1,400	230	130	<300	**1,530**	--	**30**	37	14	37.6	<0.5	<2	30
CTO11-CAA3C-DVE01	1/22/2008	Monthly	-		1,000	820	180	<300	1,180	--	**14**	20	8.4	19.3	<0.5	<2	31
CTO11-CAA3C-DVE01	2/22/2008	Monthly	-		630	670	170	420	1,220	--	**9.6**	7.3	1	3.8	<0.5	<2	6.1
CTO11-CAA3C-DVE02	9/24/2007	Baseline	-		680 J	250	150	<300	830 J	--	**24**	<0.5	<0.5	<0.5	<0.5	<2	1.2
CTO11-CAA3C-DVE02	10/18/2007	Monthly	-		680	110	110	<300	790	--	**44**	<0.5	<0.5	<0.5	<0.5	<2	0.5
CTO11-CAA3C-DVE02	11/15/2007	Monthly	-		830	62	90	<300	920	--	**31**	<0.5	<0.5	<0.5	<0.5	<2	42
CTO11-CAA3C-DVE02	3/20/2008	Monthly	-		1,400	85	<50	<300	1,400	--	**1.2**	<0.5	<0.5	<0.5	<0.5	<2	55
CTO11-CAA3C-DVE03	8/23/2007	Baseline	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DVE03	10/18/2007	Monthly	-		150	<50	<50	<300	150	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DVE03	11/15/2007	Monthly	-		140	<50	<50	<300	140	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DVE05A	8/23/2007	Baseline	-		590 J	160	<50	<300	590 J	--	<0.5	<0.5	<0.5	0.6	<0.5	<2	1.3

Table 5
Groundwater Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample Phase	Sample Depth (feet)	Method / Units	TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3C																	
CTO11-CAA3C-DVE05A	10/18/2007	Monthly	-		890	160	100	<300	990	--	0.6	<0.5	<0.5	0.7	<0.5	<2	9.3
CTO11-CAA3C-DVE05A	11/15/2007	Monthly	-		470	<50	<50	<300	470	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	0.8
CTO11-CAA3C-DVE05A	3/20/2008	Monthly	-		140	<50	<50	<300	140	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	0.7
CTO11-CAA3C-DVE06	8/23/2007	Baseline	-		<50	<50	<50	<300	<300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DVE06	10/18/2007	Monthly	-		62	<50	<50	<300	62	--	**5**	<0.5	<0.5	<0.5	<0.5	<2	8.4
CTO11-CAA3C-DVE06	11/15/2007	Monthly	-		100	<50	<50	<300	100	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DVE06	2/22/2008	Monthly	-		63	<50	<50	<300	63	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DVE07A	9/24/2007	Baseline	-		900 J	<50	78	<300	978 J	--	**4.6**	<0.5	<0.5	<0.5	<0.5	<2	8.3
CTO11-CAA3C-DVE07A	10/18/2007	Monthly	-		820	110	83	<300	903	--	**8**	<0.5	<0.5	<0.5	<0.5	<2	22
CTO11-CAA3C-DVE07A	11/15/2007	Monthly	-		1,100	60	67	340	**1,507**	--	**9.7**	<0.5	<0.5	<0.5	<0.5	<2	28
CTO11-CAA3C-DVE07A	12/20/2007	Monthly	-		75	180	<50	<300	75	--	0.3 J	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DVE07A	1/22/2008	Monthly	-		230	380	160	1,200	**1,590**	--	0.1 J	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DVE07A	2/22/2008	Monthly	-		1,000	11,000	10,000	<300	**11,000**	--	**1.3**	<0.5	<0.5	<0.5	<0.5	<2	30
CTO11-CAA3C-DVE07A	3/20/2008	Monthly	-		330	<50	<50	<300	330	--	1	<0.5	<0.5	<0.5	<0.5	<2	2.8
CTO11-CAA3C-DVE08	8/23/2007	Baseline	-		790	<50	<50	<300	790	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	0.6
CTO11-CAA3C-DVE08	10/18/2007	Monthly	-		970	<50	<50	<300	970	--	1	<0.5	0.9	1.7	<0.5	<2	11
CTO11-CAA3C-DVE08	11/15/2007	Monthly	-		280	<50	<50	<300	280	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DVE08	1/22/2008	Monthly	-		470	61	<50	<300	470	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-CAA3C-DVE08	3/20/2008	Monthly	-		230	<50	<50	<300	230	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-EXT3B-M03-05	2/22/2008	Monthly	-		<50	<50	80	<300	80	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5

Table 5
Groundwater Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Sample Location	Sample Date	Sample Phase	Sample Depth (feet)	Method / Units	TPH as Gasoline C6-C12	TPH as Jet Fuel C10-C16	TPH as Diesel C12-C24	TPH as Motor Oil C24-C36	Total TPH *	Lead	Benzene	Toluene	Ethylbenzene	Total Xylenes**	MTBE	Napthalene	Isopropylbenzene
				Method	8015	8015	8015	8015	8015	6010	8260	8260	8260	8260	8260	8260	8260
				Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CAA 3C																	
CTO11-EXT3C-M03-08A	4/25/2007	DDI	3-13		140	<50	<50	430	570	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-EXT3C-M03-08A	1/22/2008	Monthly	-		130	<50	<50	<300	130	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-EXT3C-M03-09	4/25/2007	DDI	21-33		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-EXT3C-MW97-3	4/25/2007	DDI	5-15		<50	<50	<50	<300	<300	<3	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
CTO11-EXT3C-MW97-3	2/22/2008	Monthly	-		<50	<50	200	<300	200	--	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5

Table 5
Groundwater Sampling Results for CAA 3, April 2007 through March 2008
Alameda Point, Alameda, California

Notes: Highlighted cells indicate exceedances of the most conservative comparison criteria as follows (refer to Table 1):

- o MCL, 2003 for Ethylbenzene
- o PRC, 2001, marine ecological risk for total TPH
- o PRC, 2001, drinking water criteria for all other analytes

Methods are per USEPA Test Methods for Evaluating Solid Waste, SW-846 Physical/Chemical Methods (1996)

DDI	Design Data Investigation
CAA	Corrective Action Area
ug/L	Micrograms per liter
TPH	Total Petroleum Hydrocarbons
MTBE	Methyl Tert-Butyl Ether
PRC	Preliminary Remediation Criteria
MCL	Maximum Contaminant Level
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
<	Not detected at the PQL
#	The numeric value shown is the MDL. The PQL exceeds the MCL requirement because of elevated concentrations of other target analytes in the sample; however, the MDL is at or below the MCL requirement
##	The numeric value shown is the MDL. The PQL and MDL exceed the MCL requirement because of elevated concentrations of other target analytes in the sample
J	Concentration is estimated
J+	Concentration is estimated with possible high bias
J-	Concentration is estimated with possible low bias
U	Originally detected by the lab but qualified as non-detected as a result of blank contamination
UJ	Practical quantitation limit is estimated
*	Total TPH is the sum of concentrations for Gasoline, Diesel, and Motor Oil; it does not include Jet Fuel as it overlaps both gasoline and diesel.
**	Total Xylenes is the sum of concentrations for m,p-Xylene and o-Xylene
***	Samples were collected over a period of two days for CTO11-CAA3C-DP10 due to insufficient water in the well
****	Samples were collected over a period of three days for CTO11-CAA3C-DP15 due to insufficient water in the well
*****	Samples contain product