FARALLON CONSULTING

April 18, 2024

Jimmy Blais
MJB Properties, LLC
9125 10th Avenue South
Seattle, Washington 98108

RE: SOIL MANAGEMENT PLAN
MJB SOUTH HYDRO FILL AREA
ANACORTES, WASHINGTON
FARALLON PN: 299-006

Dear Jimmy Blais:

Farallon Consulting, L.L.C. (Farallon) has prepared this Soil Management Plan (SMP) to provide guidance for management of potentially contaminated media during future soil disturbance activities at the property adjacent to Fidalgo Bay in Anacortes, Washington (herein referred to as the Property) (Figure 1).

A cleanup action was completed at the Property in 2013. Following the cleanup action, the Washington State Department of Ecology (Ecology) issued a No Further Action (NFA) determination.[1] As a condition of the NFA, Ecology requested an environmental covenant and SMP for the Property to ensure protection of human health and the environment.

PROPERTY DESCRIPTION

The Property is comprised of approximately 12 acres of land on portions of Skagit County Tax Parcels P32981, P32979, P32977, P78007, P32976, P32975, P32974, P32972, P78002, P131158, and P78006. A boat ramp was constructed in the central portion of the Property in 2010 (Figure 2). Additionally, the Property is developed with a constructed building, mobile building, utilities, and travel lift.

The northern portion of the Property is referred to as the Former Pioneer Mill Area, which historically was operated as a shingle mill. The southern portion of the Property is referred to as the Hydraulic Fill Area, which reportedly was created in 1974 using sediments obtained during the dredging of the navigation channel in Fidalgo Bay. The boat ramp was

[1] Ecology. 2014. Letter Regarding No Further Action at the following Action Area: Site Name: MJB Hydro Fill Area-Parcel Numbers: P32981, P32979, P32977, P78007, P32976, P32975, P32974, P32972, P78002, P78006, Site Address: T Ave 25th and 30th St, Anacortes, WA 98221. From Sandra Caldwell. To Jimmy Blais, Gary Merlino Construction Co. Inc. September 8.

constructed in 2010 on the central portion of the Property, between the Former Pioneer Mill Area and the Hydraulic Fill Area (Figure 2).

PREVIOUS INVESTIGATIONS

Multiple subsurface investigations were conducted at the Property between 1991 and 2011. The laboratory analytical results for soil and groundwater sampling conducted by Farallon and others are summarized in Tables 1 through 11 and on Figures 3 through 8.

A subsurface investigation was conducted in June 1991 by Hart Crowser, Inc. (Hart Crowser), which included advancement and sampling of eight borings (B-1 through B-4 and B-7 through B-10) in the Hydraulic Fill Area (Figure 3). Benzene, tetrachloroethene (PCE), and/or lead were detected at concentrations exceeding the Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A cleanup levels in soil samples collected from borings B-4, B-9, and B-10 (Figures 3 through 5; Tables 1, 2, and 4). Analytical results for the soil samples collected from the remaining five borings were reported to be either non-detectable at the laboratory reporting limits or the analytes were present at concentrations less than the MTCA cleanup levels. No groundwater sampling was conducted during the 1991 investigation.

Based on the results from the 1991 investigation, Ecology identified the potential presence of constituents of potential concern (COPCs), including petroleum products, metals, semivolatile organic compounds, volatile organic compounds, polychlorinated biphenyls, and dioxins/furans, on the South Hydro Fill Area related to the presence of fill material placed on the South Hydro Fill Area during historical dredging activities in Fidalgo Bay and/or historical operations on the Property.

A subsurface investigation was conducted in 2010 by AMEC to characterize the potential presence of COPCs in soil prior to construction of the boat ramp in the central portion of the South Hydro Fill Area. The 2010 investigation included advancement and sampling of seven test pits. COPCs were present at concentrations exceeding regulatory screening levels in shallow soil in a localized area of the boat ramp. During construction of the boat ramp in 2010, soil containing COPCs at concentrations exceeding the regulatory screening level was

excavated and disposed of off the Property in accordance with the Investigation Work Plan,[2] which was approved by Ecology.

An additional subsurface investigation was conducted at the South Hydro Fill Area by Farallon in 2011, which included advancement and sampling of 14 borings (B-11 through B-24) and installation of three groundwater monitoring wells (MW-1 through MW-3) (Figure 3). The additional investigation was requested by Ecology to address data gaps identified for the South Hydro Fill Area portion of the Property. Lead was detected at a concentration exceeding the MTCA Method A cleanup level for soil in a single soil sample collected from the fill horizon in boring B-24 on the southwestern portion of the Hydraulic Fill Area (Figure 5; Table 4). Follow-up sampling was conducted at previous Hart Crowser boring locations where benzene, PCE, and/or lead had been detected at concentrations exceeding MTCA Method A cleanup levels. Benzene, PCE, and lead were reported as non-detect at the laboratory reporting limits for this follow-up sampling (Figures 3 through 5; Tables 1, 2, and 4). COPCs were reported either non-detect at the laboratory reporting limits or less than the MTCA cleanup levels in the soil samples collected from the remaining borings (Figures 3 through 5).

Total petroleum hydrocarbons, volatile organic compounds, including benzene and PCE, and semivolatile organic compounds, were reported either non-detect or less than their respective MTCA cleanup levels in groundwater samples collected from monitoring wells MW-1 through MW-3 (Figures 6 and 7; Tables 7 through 9). Arsenic was detected at a concentration exceeding the MTCA Method A cleanup level for groundwater in samples collected from monitoring wells MW-1 through MW-3 (Figure 8; Table 10). Lead was detected at a concentration exceeding the MTCA Method A cleanup level in a groundwater sample collected from monitoring well MW-3, installed proximate to the localized area of COPCs in shallow soil, with concentrations of lead exceeding the MTCA Method A cleanup level in borings B-11 and B-24 (Figure 5; Table 10). Arsenic was reported non-detect at the laboratory reporting limit in each of the soil samples tested on the South Hydro Fill Area during the 2011 investigation, with the exception of one sample collected from a boring on the northern portion of the South Hydro Fill Area. These data indicate that the arsenic detected in groundwater is the result of natural background conditions.

[2] AMEC. 2009. Letter Regarding Investigation Work Plan-MJB South Dock (Ramp Area Only), Anacortes, Washington. From Kathleen Goodman. To Panjini Balaragu, Ecology. December 17.

Based on the results from the subsurface investigations, the constituents of concern (COCs) identified for the Property include benzene, PCE, and/or lead within the shallow fill horizon at boring locations B-4, B-9, B-10, and B-24 on the Hydraulic Fill Area.

2013 CLEANUP ACTION

In April 2013, a cleanup action[3] was completed at the Property and included targeted excavation and off-Property disposal of soil with concentrations of COCs exceeding MTCA Method A cleanup levels (Figure 9).

The analytical results of the soil sampling conducted during the subsurface investigations were used to define the expected distribution of the soil that required disposal off the Property. Excavation activities and confirmation soil sampling were completed at prior boring locations B-4, B-9, B-10, and B-24 (Figure 9; Table 11). Approximately 26 tons of contaminated soil was excavated and transported off the Property to Republic Services Subtitle D Landfill in Roosevelt, Washington.

Following the cleanup action, soil with concentrations of total petroleum hydrocarbons and carcinogenic polycyclic aromatic hydrocarbons (cPAHs) less than applicable MTCA cleanup levels were present at the Property. Gasoline-range organics (GRO), diesel-range organics (DRO), oil-range organics (ORO), and metals were detected at concentrations less than the applicable screening levels in soil samples collected from between 1.5 and 14 feet below ground surface (bgs) in the Former Pioneer Mill Area (Figures 3 and 5). ORO was detected at concentrations less than the applicable screening levels in soil samples collected from 2 to 25 feet bgs in the east-central area of the Hydraulic Fill Area (Figure 3). cPAHs were detected at concentrations less than the applicable screening levels in soil samples collected from between 5 and 9.5 feet bgs in the eastern portion of the Former Pioneer Mill Area (Figure 4).

SOIL DISTURBANCE NOTIFICATION

Ecology will be notified in advance of any soil disturbance activities planned for the Property. The notification will include a general description of the scope of work planned for those soil disturbance activities.

[3] Farallon. 2013. Letter Regarding Closure Report, MJB South Hydro Fill Area, Anacortes, Washington. From Lyndsey Needham and J. Riley Conkin. To Sandra Caldwell, Ecology. October 17.

WASTEWATER MANAGEMENT

Contaminated groundwater and/or stormwater may be generated during soil disturbance activities. Groundwater may contain elevated concentrations of arsenic and lead. This wastewater will be treated using a temporary construction dewatering and stormwater system, if necessary, and discharged to the stormwater and/or sanitary sewer system in accordance with project permitting and local and state standards and regulations.

Stormwater management in Skagit County is governed by Skagit County Code Chapter 14.32. Stormwater management in Anacortes is additionally governed by the Municipal Code Title 19 Div. 7. Skagit County has adopted Ecology's 2019 Stormwater Management Manual for Western Washington (SWMMWW).

UNFORESEEN CONDITIONS

Unforeseen conditions that may be encountered during soil disturbance activities include discovery of underground storage tanks (USTs) or contaminated media. In the event these unforeseen conditions are encountered, the contractor will temporarily suspend soil disturbance activities proximate to the unforeseen condition and will immediately notify the Property owner. The Property owner and/or Farallon will notify Ecology if USTs or contaminated media are identified at the Property within 24 hours of the discovery.

UNDERGROUND STORAGE TANKS

Any UST encountered will be permanently decommissioned by excavation and removal in accordance with Washington State Underground Storage Tank Regulations (WAC 173-360A) and Ecology's revised *Site Assessment Guidance for Underground Storage Tank Systems* published October 2022 (Ecology UST Guidance). A 30-day Notice to Decommission will be submitted to Ecology immediately following discovery of a UST. Ecology's UST inspector can provide an instant waiver to the 30-day wait period with their signature. A certified UST Decommissioner will conduct the UST decommissioning and removal activities, which will include inerting and rinsing the interior of the UST, as necessary, and removing the UST from the Property for recycling. A Washington State-certified Site Assessor will observe the UST decommissioning activities, and will perform performance and/or confirmation soil sampling at the limits of soil excavation related to removal of the UST in accordance with Ecology regulations. Confirmation soil samples will be collected from the UST excavation and submitted for analysis for applicable constituents based on field observations, the Ecology UST Guidance, and regulatory requirements. The Washington State-certified Site Assessor

will prepare a Site Assessment Report describing the decommissioning and removal activities and summarizing the analytical results for the confirmation soil samples. The completed Site Assessment Report and a Permanent Closure Notice form must be submitted to Ecology to complete the closure process.

POTENTIALLY CONTAMINATED MEDIA

In the event potentially contaminated media are encountered, the contractor will do the following:

- Stop excavation in the area of potential contamination;
- Isolate the area with barrier tape;
- Implement best management practices as necessary/applicable to prevent contamination from spreading;
- Restrict vehicle and equipment traffic to avoid cross-contamination;
- Control personnel access; and
- Photograph and maintain notes documenting the encounter.

Following the characterization of potentially contaminated media and development of an appropriate treatment and/or disposal alternative that is approved by the Property owner, the contractor will direct the appropriate subcontractor(s) to implement the selected treatment and/or disposal remedy.

In the event of an unforeseen condition, the Property owner and/or their subcontractors (i.e., environmental consultant) will observe the condition, and will implement the following procedures:

- Estimating the boundaries of potentially contaminated media using field-screening methods (e.g., presence of stains or odors, photoionization detector readings);
- Further marking the area as necessary, possibly using white paint and/or wooden stakes;
- Photographing and maintaining notes documenting the preliminary nature and extent of potentially contaminated media in-situ or stockpiled;
- Collecting performance samples in accordance with applicable regulations and/or guidance to identify the nature and extent of potential contamination, and to identify

and develop one or more feasible alternatives for treatment and/or removal or disposal, for purposes of disposal profiling, manifesting, and regulatory closure;

- Coordinating analytical testing and managing analytical data pertaining to the encountered contaminated media, including expedited laboratory analysis as needed, in coordination with the contractor to minimize disruption to the construction schedule;
- Developing and implementing a contaminated media removal and disposal plan, as needed;
- Collecting confirmation samples in accordance with applicable regulations and guidance to confirm complete removal of contaminated media; and
- Completing the treatment and/or disposal profiles, and assisting with identification of appropriate treatment and/or disposal facilities.

CLOSING

Farallon appreciates the opportunity to provide environmental consulting services for this project. Please contact either of the undersigned at (425) 295-0800 if you have questions or need additional information.

Sincerely,

Farallon Consulting, L.L.C.

Courtney van Stolk, L.G.
Project Geologist

Pete Kingston, P.G.
Principal Geologist

Attachments: Figure 1, *Property Vicinity Map*
Figure 2, Property *Plan*
Figure 3, *Soil Analytical Results for Total Petroleum Hydrocarbons*
Figure 4, *Soil Analytical Results for PCE, cPAHs, PCBs, and D/F TEQ*
Figure 5, *Soil Analytical Results for Metals*
Figure 6, *Groundwater Analytical Results for Total Petroleum Hydrocarbons*
Figure 7, *Groundwater Analytical Results for VOCs and SVOCs*
Figure 8, *Groundwater Analytical Results for Metals*
Figure 9, *Cleanup Action Excavation Areas*
Table 1, *Summary of Soil Analytical Results, Total Petroleum Hydrocarbons*
Table 2, *Summary of Soil Analytical Results, Volatile Organic Compounds*
Table 3, *Summary of Soil Analytical Results, Semivolatile Organic Compounds*
Table 4, *Summary of Soil Analytical Results, Metals*

Table 5, *Summary of Soil Analytical Results, Polychlorinated Biphenyls*
Table 6, *Summary of Soil Analytical Results, Dioxins and Furans*
Table 7, *Summary of Groundwater Analytical Results, Total Petroleum Hydrocarbons*
Table 8, *Summary of Groundwater Analytical Results, Volatile Organic Compounds*
Table 9, *Summary of Groundwater Analytical Results, Semivolatile Organic Compounds*
Table 10, *Summary of Groundwater Analytical Results, Metals*
Table 11, *Summary of Soil Analytical Results for Confirmation Soil Samples*

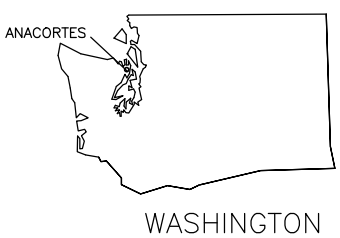
CvS/PK:mbg

FIGURES

SOIL MANAGEMENT PLAN
MJB South Hydro Fill Area
Anacortes, Washington

Farallon PN: 299-006

REFERENCE: 7.5 MINUTE USGS QUADRANGLE ANACORTES NORTH AND SOUTH, WASHINGTON. DATED 1953 AND PHOTOREVISED 1981



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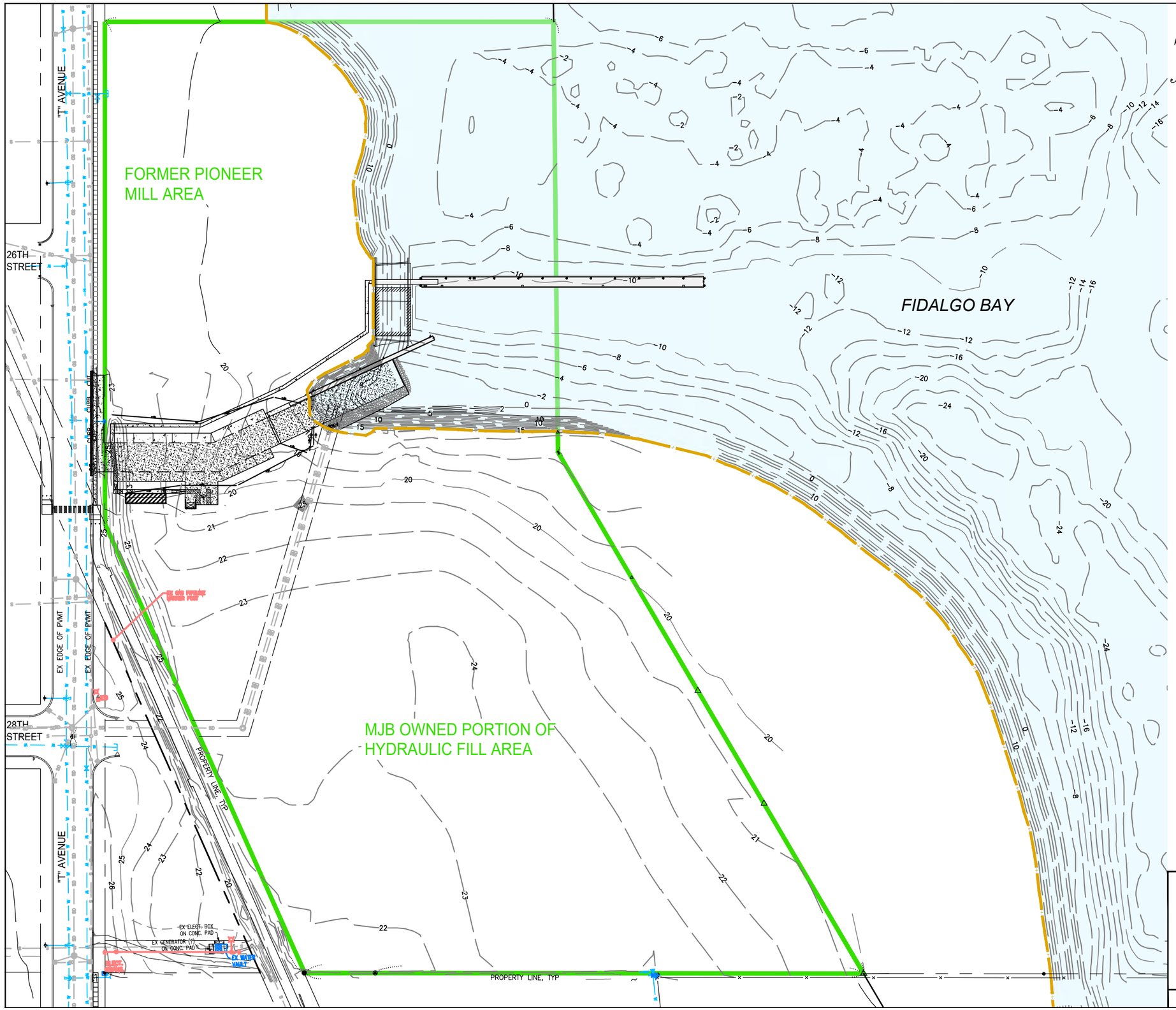
Drawn By: RB Checked By: PK

FIGURE 1

PROPERTY VICINITY MAP
MJB SOUTH HYDRO FILL AREA
ANACORTES, WASHINGTON

FARALLON PN: 299-006



LEGEND

- PROPERTY BOUNDARY
- STORM DRAIN
- SANITARY SEWER LINE
- WATER LINE
- 10 — CONTOUR LINE
- TOP OF BANK
- CONCRETE BOAT RAMP

N

0 120
Scale in feet

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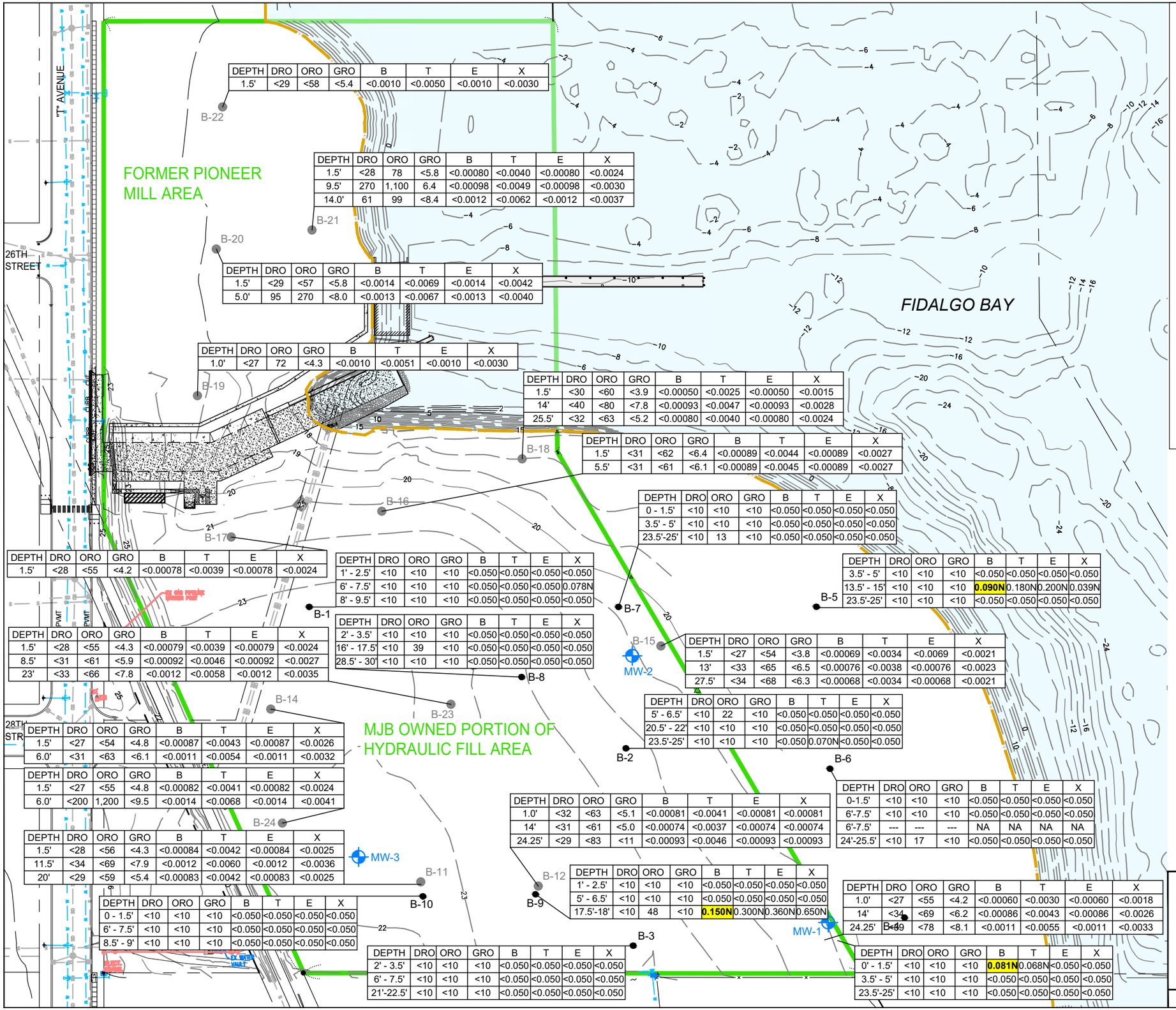
Drawn By: RB Checked By: PK

FIGURE 2

PROPERTY PLAN
MJB SOUTH HYDRO FILL AREA
ANACORTES, WASHINGTON

FARALLON PN: 299-006



DEPTH	DRO	ORO	GRO	B	T	E	X
1.5'	<29	<58	<5.4	<0.0010	<0.0050	<0.0010	<0.0030

B-22

DEPTH	DRO	ORO	GRO	B	T	E	X
1.5'	<28	78	<5.8	<0.00080	<0.0040	<0.00080	<0.0024
9.5'	270	1,100	6.4	<0.00098	<0.0049	<0.00098	<0.0030
14.0'	61	99	<8.4	<0.0012	<0.0062	<0.0012	<0.0037

B-21

DEPTH	DRO	ORO	GRO	B	T	E	X
1.5'	<29	<57	<5.8	<0.0014	<0.0069	<0.0014	<0.0042
5.0'	95	270	<8.0	<0.0013	<0.0067	<0.0013	<0.0040

B-20

DEPTH	DRO	ORO	GRO	B	T	E	X
1.0'	<27	72	<4.3	<0.0010	<0.0051	<0.0010	<0.0030

B-19

DEPTH	DRO	ORO	GRO	B	T	E	X
1.5'	<30	<60	<3.9	<0.00050	<0.0025	<0.00050	<0.0015
14'	<40	<80	<7.8	<0.00093	<0.0047	<0.00093	<0.0028
25.5'	<32	<63	<5.2	<0.00080	<0.0040	<0.00080	<0.0024

B-18

DEPTH	DRO	ORO	GRO	B	T	E	X
1.5'	<31	<62	<6.4	<0.00089	<0.0044	<0.00089	<0.0027
5.5'	<31	<61	<6.1	<0.00089	<0.0045	<0.00089	<0.0027

DEPTH	DRO	ORO	GRO	B	T	E	X
0 - 1.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
3.5' - 5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
23.5'-25'	<10	13	<10	<0.050	<0.050	<0.050	<0.050

B-16

DEPTH	DRO	ORO	GRO	B	T	E	X
1.5'	<28	<55	<4.2	<0.00078	<0.0039	<0.00078	<0.0024

B-17

DEPTH	DRO	ORO	GRO	B	T	E	X
1' - 2.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
6' - 7.5'	<10	<10	<10	<0.050	<0.050	<0.050	0.078N
8' - 9.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050

B-1

DEPTH	DRO	ORO	GRO	B	T	E	X
2' - 3.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
16' - 17.5'	<10	39	<10	<0.050	<0.050	<0.050	<0.050
28.5' - 30'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050

B-8

DEPTH	DRO	ORO	GRO	B	T	E	X
1.5'	<28	<55	<4.3	<0.00079	<0.0039	<0.00079	<0.0024
8.5'	<31	<61	<5.9	<0.00092	<0.0046	<0.00092	<0.0027
23'	<33	<66	<7.8	<0.0012	<0.0058	<0.0012	<0.0035

B-14

DEPTH	DRO	ORO	GRO	B	T	E	X
1.5'	<27	<54	<4.8	<0.00087	<0.0043	<0.00087	<0.0026
6.0'	<31	<63	<6.1	<0.0011	<0.0054	<0.0011	<0.0032

B-23

DEPTH	DRO	ORO	GRO	B	T	E	X
1.5'	<27	<55	<4.8	<0.00082	<0.0041	<0.00082	<0.0024
6.0'	<200	1,200	<9.5	<0.0014	<0.0068	<0.0014	<0.0041

B-24

DEPTH	DRO	ORO	GRO	B	T	E	X
1.5'	<28	<56	<4.3	<0.00084	<0.0042	<0.00084	<0.0025
11.5'	<34	<69	<7.9	<0.0012	<0.0060	<0.0012	<0.0036
20'	<29	<59	<5.4	<0.00083	<0.0042	<0.00083	<0.0025

MW-3

B-11

B-10

DEPTH	DRO	ORO	GRO	B	T	E	X
0 - 1.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
6' - 7.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
8.5' - 9'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050

DEPTH	DRO	ORO	GRO	B	T	E	X
2' - 3.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
6' - 7.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
21'-22.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050

B-3

DEPTH	DRO	ORO	GRO	B	T	E	X
3.5' - 5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
13.5' - 15'	<10	<10	<10	**0.090N**	0.180N	0.200N	0.039N
23.5'-25'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050

B-5

DEPTH	DRO	ORO	GRO	B	T	E	X
1.5'	<27	<54	<3.8	<0.00069	<0.0034	<0.0069	<0.0021
13'	<33	<65	<6.5	<0.00076	<0.0038	<0.00076	<0.0023
27.5'	<34	<68	<6.3	<0.00068	<0.0034	<0.00068	<0.0021

B-15

MW-2

DEPTH	DRO	ORO	GRO	B	T	E	X
5' - 6.5'	<10	22	<10	<0.050	<0.050	<0.050	<0.050
20.5' - 22'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
23.5'-25'	<10	<10	<10	<0.050	0.070N	<0.050	<0.050

B-2

B-6

DEPTH	DRO	ORO	GRO	B	T	E	X
0-1.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
6'-7.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
6'-7.5'	---	---	---	NA	NA	NA	NA
24'-25.5'	<10	17	<10	<0.050	<0.050	<0.050	<0.050

DEPTH	DRO	ORO	GRO	B	T	E	X
1.0'	<32	<63	<5.1	<0.00081	<0.0041	<0.00081	<0.00081
14'	<31	<61	<5.0	<0.00074	<0.0037	<0.00074	<0.00074
24.25'	<29	<83	<11	<0.00093	<0.0046	<0.00093	<0.00093

B-12

B-9

DEPTH	DRO	ORO	GRO	B	T	E	X
1' - 2.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
5' - 6.5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
17.5'-18'	<10	48	<10	**0.150N**	0.300N	0.360N	0.650N

DEPTH	DRO	ORO	GRO	B	T	E	X
1.0'	<27	<55	<4.2	<0.00060	<0.0030	<0.00060	<0.0018
14'	<34	<69	<6.2	<0.00086	<0.0043	<0.00086	<0.0026
24.25'	<49	<78	<8.1	<0.0011	<0.0055	<0.0011	<0.0033

MW-1

DEPTH	DRO	ORO	GRO	B	T	E	X
0' - 1.5'	<10	<10	<10	**0.081N**	0.068N	<0.050	<0.050
3.5' - 5'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
23.5'-25'	<10	<10	<10	<0.050	<0.050	<0.050	<0.050

LEGEND

- PROPERTY BOUNDARY
- STORM DRAIN
- SANITARY SEWER LINE
- WATER LINE
- 10 — CONTOUR LINE
- TOP OF BANK
- CONCRETE BOAT RAMP
- MW-3 — MONITORING WELL
- B-11 — BORING (FARALLON CONSULTING 2011)
- B-2 — BORING (HART CROWSER 1991)

SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM

GRO = TOTAL PETROLEUM HYDROCARBONS (TPH) AS GASOLINE-RANGE ORGANICS
DRO = TPH AS DIESEL-RANGE ORGANICS
ORO = TPH AS OIL-RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES

BOLD = INDICATES CONCENTRATIONS EXCEEDS SELECTED SCREENING LEVEL

BOLD = INDICATES CONCENTRATION EXCEEDS APPLICABLE WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) METHOD A CLEANUP LEVELS

< = INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT

--- = NOT ANALYZED

NA = ANALYTICAL RESULTS NOT AVAILABLE

N = COMPOUND IDENTIFICATION TENTIVE; CONCENTRATION ESTIMATED

N

0 120

Scale in feet

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Oregon
Portland | Baker City

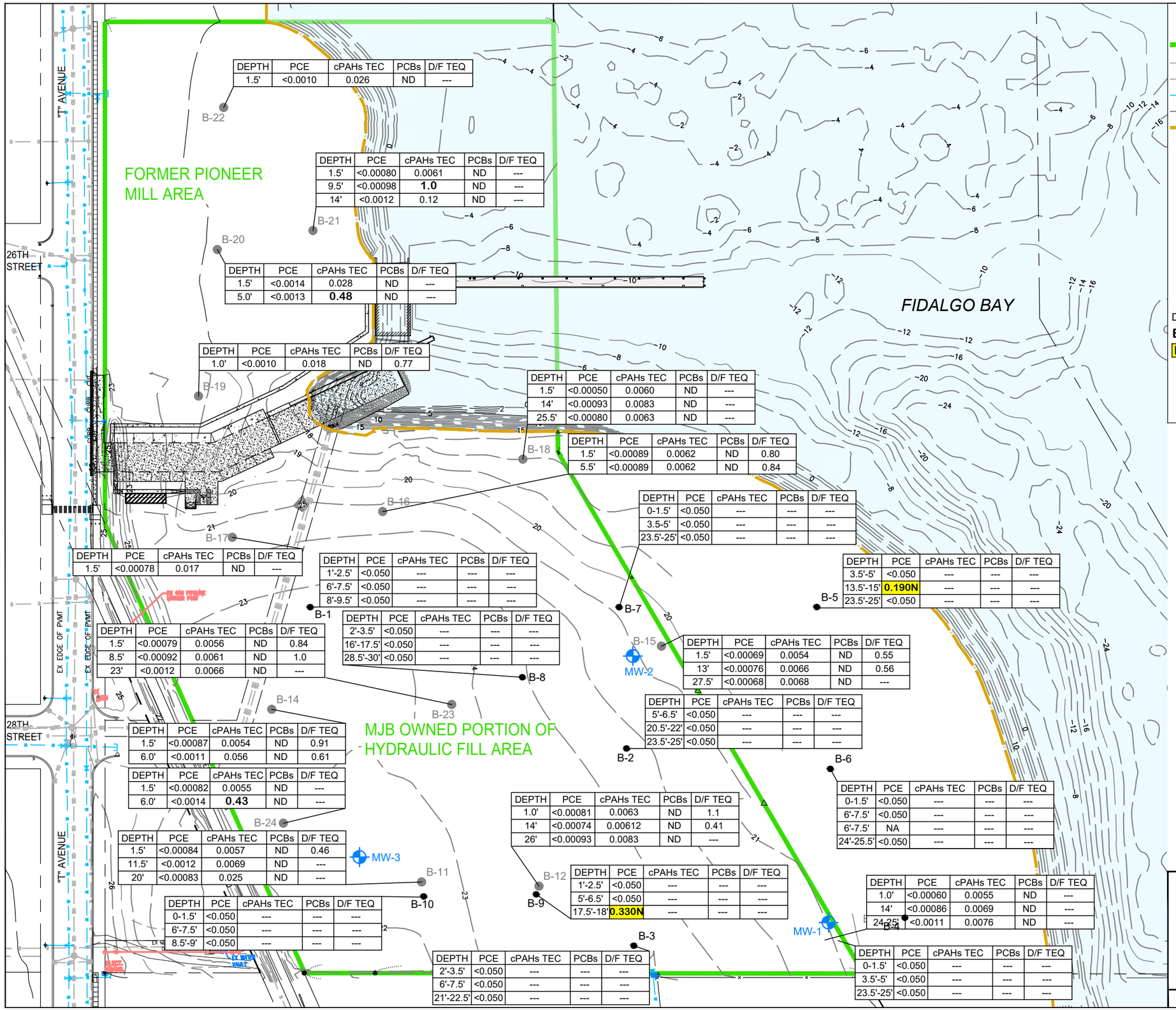
California
Oakland | Irvine

Drawn By: RB Checked By: PK

FIGURE 3

SOIL ANALYTICAL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS
MJB SOUTH HYDRO FILL AREA
ANACORTES, WASHINGTON

FARALLON PN 299-006



DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.5'	<0.0010	0.026	ND	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.5'	<0.00080	0.0061	ND	---
9.5'	<0.00098	**1.0**	ND	---
14'	<0.0012	0.12	ND	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.5'	<0.0014	0.028	ND	---
5.0'	<0.0013	**0.48**	ND	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.0'	<0.0010	0.018	ND	0.77

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.5'	<0.00050	0.0060	ND	---
14'	<0.00093	0.0083	ND	---
25.5'	<0.00080	0.0063	ND	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.5'	<0.00089	0.0062	ND	0.80
5.5'	<0.00089	0.0062	ND	0.84

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
0-1.5'	<0.050	---	---	---
3.5-5'	<0.050	---	---	---
23.5'-25'	<0.050	---	---	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.5'	<0.00078	0.017	ND	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1'-2.5'	<0.050	---	---	---
6'-7.5'	<0.050	---	---	---
8'-9.5'	<0.050	---	---	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
3.5'-5'	<0.050	---	---	---
13.5'-15'	**0.190N**	---	---	---
23.5'-25'	<0.050	---	---	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.5'	<0.00079	0.0056	ND	0.84
8.5'	<0.00092	0.0061	ND	1.0
23'	<0.0012	0.0066	ND	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
2'-3.5'	<0.050	---	---	---
16'-17.5'	<0.050	---	---	---
28.5'-30'	<0.050	---	---	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.5'	<0.00069	0.0054	ND	0.55
13'	<0.00076	0.0066	ND	0.56
27.5'	<0.00068	0.0068	ND	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
5'-6.5'	<0.050	---	---	---
20.5'-22'	<0.050	---	---	---
23.5'-25'	<0.050	---	---	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.5'	<0.00087	0.0054	ND	0.91
6.0'	<0.0011	0.056	ND	0.61

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.5'	<0.00082	0.0055	ND	---
6.0'	<0.0014	**0.43**	ND	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.0'	<0.00081	0.0063	ND	1.1
14'	<0.00074	0.00612	ND	0.41
26'	<0.00093	0.0083	ND	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
0-1.5'	<0.050	---	---	---
6'-7.5'	<0.050	---	---	---
6'-7.5'	NA	---	---	---
24'-25.5'	<0.050	---	---	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.5'	<0.00084	0.0057	ND	0.46
11.5'	<0.0012	0.0069	ND	---
20'	<0.00083	0.025	ND	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1'-2.5'	<0.050	---	---	---
5'-6.5'	<0.050	---	---	---
17.5'-18'	**0.330N**	---	---	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
1.0'	<0.00060	0.0055	ND	---
14'	<0.00086	0.0069	ND	---
24.25'	<0.0011	0.0076	ND	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
0-1.5'	<0.050	---	---	---
6'-7.5'	<0.050	---	---	---
8.5'-9'	<0.050	---	---	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
2'-3.5'	<0.050	---	---	---
6'-7.5'	<0.050	---	---	---
21'-22.5'	<0.050	---	---	---

DEPTH	PCE	cPAHs TEC	PCBs	D/F TEQ
0-1.5'	<0.050	---	---	---
3.5'-5'	<0.050	---	---	---
23.5'-25'	<0.050	---	---	---

LEGEND

- PROPERTY BOUNDARY
- STORM DRAIN
- SANITARY SEWER LINE
- WATER LINE
- 10 CONTOUR LINE
- TOP OF BANK
- CONCRETE BOAT RAMP
- MW-3 MONITORING WELL
- B-11 BORING (FARALLON CONSULTING 2011)
- B-2 BORING (HART CROWSER 1991)

SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM

PCE = TETRACHLOROETHENE
cPAHs = POLYNUCLEAR AROMATIC HYDROCARBONS
PCBs = POLYCHLORINATED BIPHENYL
D/F TEQ = DIOXIN FURAN TOXICITY EQUIVALENCY QUOTIENT
BOLD = INDICATES CONCENTRATIONS EXCEEDS SELECTED SCREENING LEVEL
BOLD = INDICATES CONCENTRATION EXCEEDS APPLICABLE WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) METHOD A CLEANUP LEVELS
< = INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT
--- = NOT ANALYZED

N

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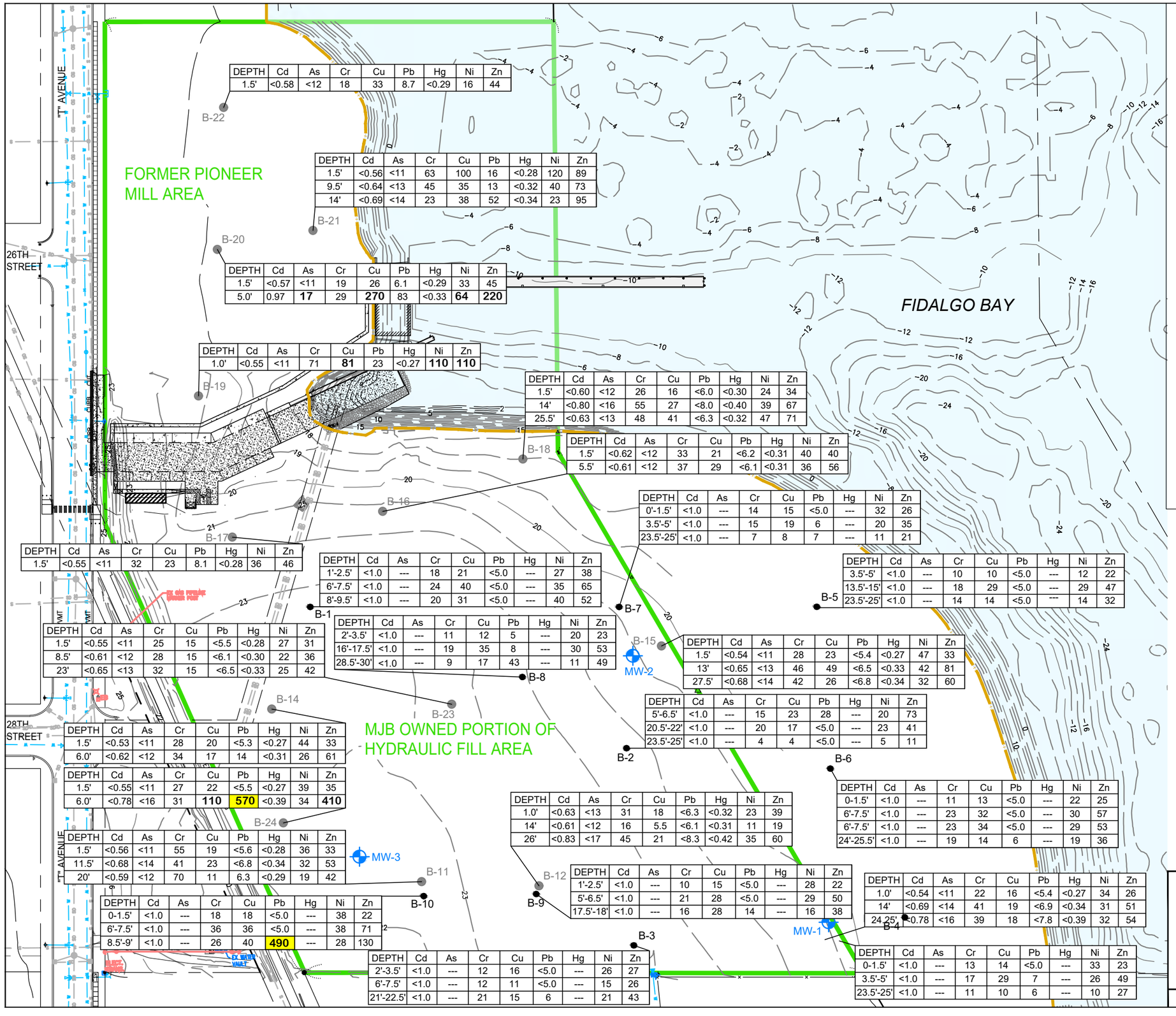
FIGURE 4

SOIL ANALYTICAL RESULTS FOR PCE, cPAHs, PCBs, AND D/F TEQ
MJB SOUTH HYDRO FILL AREA
ANACORTES, WASHINGTON

FARALLON PN: 299-006



DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.5'	<0.58	<12	18	33	8.7	<0.29	16	44

B-22

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.5'	<0.56	<11	63	100	16	<0.28	120	89
9.5'	<0.64	<13	45	35	13	<0.32	40	73
14'	<0.69	<14	23	38	52	<0.34	23	95

B-21

B-20

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.5'	<0.57	<11	19	26	6.1	<0.29	33	45
5.0'	0.97	**17**	29	**270**	83	<0.33	**64**	**220**

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.0'	<0.55	<11	71	**81**	23	<0.27	**110**	**110**

B-19

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.5'	<0.60	<12	26	16	<6.0	<0.30	24	34
14'	<0.80	<16	55	27	<8.0	<0.40	39	67
25.5'	<0.63	<13	48	41	<6.3	<0.32	47	71

B-18

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.5'	<0.62	<12	33	21	<6.2	<0.31	40	40
5.5'	<0.61	<12	37	29	<6.1	<0.31	36	56

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
0'-1.5'	<1.0	---	14	15	<5.0	---	32	26
3.5'-5'	<1.0	---	15	19	6	---	20	35
23.5'-25'	<1.0	---	7	8	7	---	11	21

B-16

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.5'	<0.55	<11	32	23	8.1	<0.28	36	46

B-17

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1'-2.5'	<1.0	---	18	21	<5.0	---	27	38
6'-7.5'	<1.0	---	24	40	<5.0	---	35	65
8'-9.5'	<1.0	---	20	31	<5.0	---	40	52

B-1

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.5'	<0.55	<11	25	15	<5.5	<0.28	27	31
8.5'	<0.61	<12	28	15	<6.1	<0.30	22	36
23'	<0.65	<13	32	15	<6.5	<0.33	25	42

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
2'-3.5'	<1.0	---	11	12	5	---	20	23
16'-17.5'	<1.0	---	19	35	8	---	30	53
28.5'-30'	<1.0	---	9	17	43	---	11	49

B-8

B-23

B-14

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.5'	<0.53	<11	28	20	<5.3	<0.27	44	33
6.0'	<0.62	<12	34	17	14	<0.31	26	61

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.5'	<0.55	<11	27	22	<5.5	<0.27	39	35
6.0'	<0.78	<16	31	**110**	**570**	<0.39	34	**410**

B-24

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.5'	<0.56	<11	55	19	<5.6	<0.28	36	33
11.5'	<0.68	<14	41	23	<6.8	<0.34	32	53
20'	<0.59	<12	70	11	6.3	<0.29	19	42

MW-3

B-11

B-10

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
0-1.5'	<1.0	---	18	18	<5.0	---	38	22
6'-7.5'	<1.0	---	36	36	<5.0	---	38	71
8.5'-9'	<1.0	---	26	40	**490**	---	28	130

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
2'-3.5'	<1.0	---	12	16	<5.0	---	26	27
6'-7.5'	<1.0	---	12	11	<5.0	---	15	26
21'-22.5'	<1.0	---	21	15	6	---	21	43

B-3

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
3.5'-5'	<1.0	---	10	10	<5.0	---	12	22
13.5'-15'	<1.0	---	18	29	<5.0	---	29	47
23.5'-25'	<1.0	---	14	14	<5.0	---	14	32

B-5

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.5'	<0.54	<11	28	23	<5.4	<0.27	47	33
13'	<0.65	<13	46	49	<6.5	<0.33	42	81
27.5'	<0.68	<14	42	26	<6.8	<0.34	32	60

B-7

B-15

MW-2

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
5'-6.5'	<1.0	---	15	23	28	---	20	73
20.5'-22'	<1.0	---	20	17	<5.0	---	23	41
23.5'-25'	<1.0	---	4	4	<5.0	---	5	11

B-2

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.0'	<0.63	<13	31	18	<6.3	<0.32	23	39
14'	<0.61	<12	16	5.5	<6.1	<0.31	11	19
26'	<0.83	<17	45	21	<8.3	<0.42	35	60

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1'-2.5'	<1.0	---	10	15	<5.0	---	28	22
5'-6.5'	<1.0	---	21	28	<5.0	---	29	50
17.5'-18'	<1.0	---	16	28	14	---	16	38

B-12

B-9

MW-1

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
0-1.5'	<1.0	---	11	13	<5.0	---	22	25
6'-7.5'	<1.0	---	23	32	<5.0	---	30	57
6'-7.5'	<1.0	---	23	34	<5.0	---	29	53
24'-25.5'	<1.0	---	19	14	6	---	19	36

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
1.0'	<0.54	<11	22	16	<5.4	<0.27	34	26
14'	<0.69	<14	41	19	<6.9	<0.34	31	51
24.25'	<0.78	<16	39	18	<7.8	<0.39	32	54

B-4

DEPTH	Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
0-1.5'	<1.0	---	13	14	<5.0	---	33	23
3.5'-5'	<1.0	---	17	29	7	---	26	49
23.5'-25'	<1.0	---	11	10	6	---	10	27

LEGEND

- PROPERTY BOUNDARY
- STORM DRAIN
- SANITARY SEWER LINE
- WATER LINE
- 10 CONTOUR LINE
- TOP OF BANK
- CONCRETE BOAT RAMP
- MW-3 MONITORING WELL
- B-11 BORING (FARALLON CONSULTING 2011)
- B-2 BORING (HART CROWSER 1991)

SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM

Cd = CADMIUM
As = ARSENIC
Cr = CHROMIUM
Cu = COPPER
Pb = LEAD
Hg = MERCURY
Ni = NICKEL
Zn = ZINC

BOLD = INDICATES CONCENTRATIONS EXCEED SELECTED SCREENING LEVEL

BOLD = INDICATES CONCENTRATION EXCEEDS APPLICABLE WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) METHOD A CLEANUP LEVELS

< = INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT

--- = NOT ANALYZED

ND = NOT DETECTED

N

0 120

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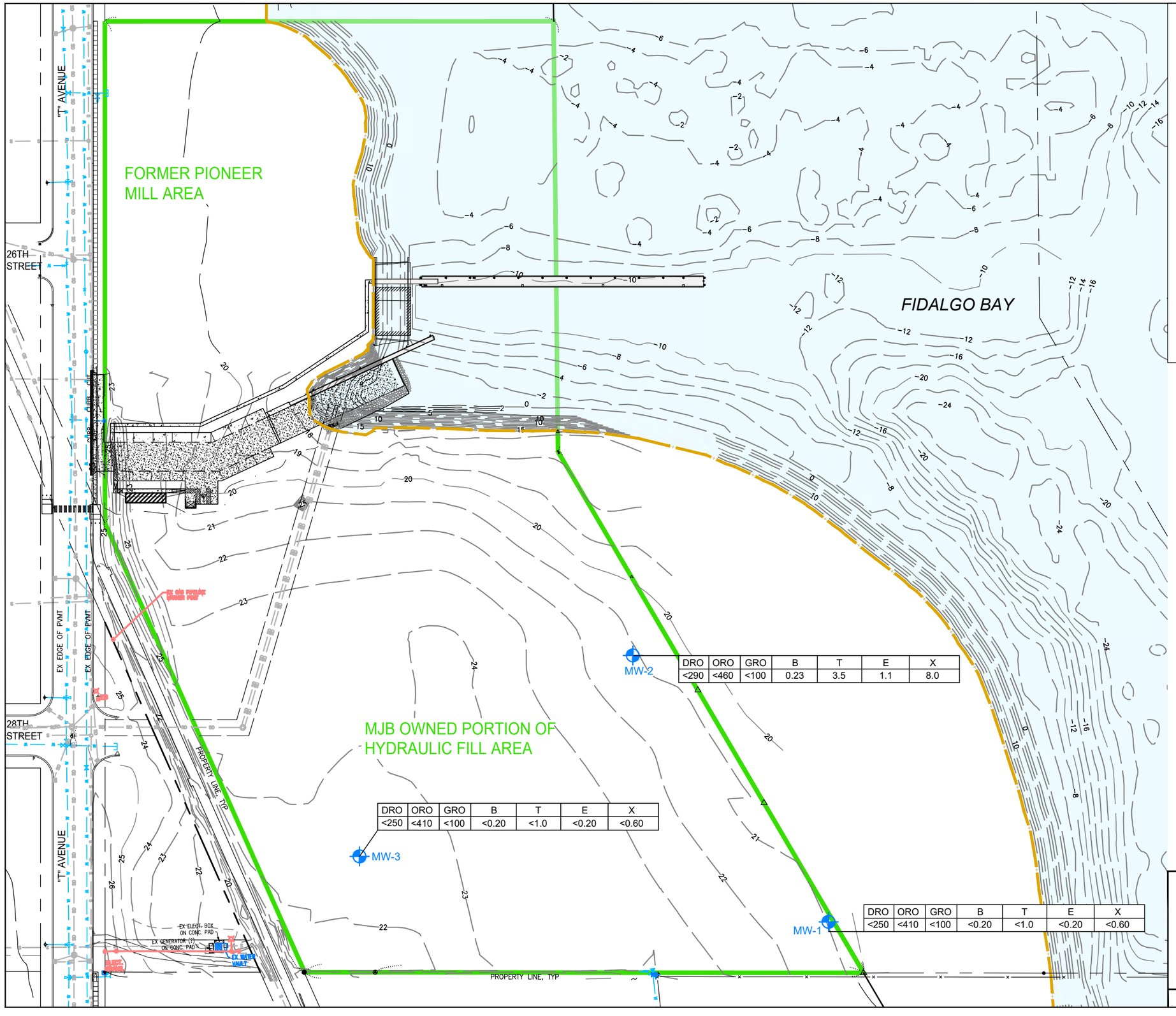
FIGURE 5

SOIL ANALYTICAL RESULTS FOR METALS
MJB SOUTH HYDRO FILL AREA
ANACORTES, WASHINGTON

FARALLON PN: 299-006



DRO	ORO	GRO	B	T	E	X
<290	<460	<100	0.23	3.5	1.1	8.0

DRO	ORO	GRO	B	T	E	X
<250	<410	<100	<0.20	<1.0	<0.20	<0.60

DRO	ORO	GRO	B	T	E	X
<250	<410	<100	<0.20	<1.0	<0.20	<0.60

LEGEND

- PROPERTY BOUNDARY
- STORM DRAIN
- SANITARY SEWER LINE
- WATER LINE
- 10 — CONTOUR LINE
- TOP OF BANK
- CONCRETE BOAT RAMP
- MW-3 — MONITORING WELL

GROUNDWATER ANALYTICAL RESULTS IN MICROGRAMS PER LITER

GRO = TOTAL PETROLEUM HYDROCARBONS (TPH) AS GASOLINE-RANGE ORGANICS
DRO = TPH AS DIESEL-RANGE ORGANICS
ORO = TPH AS OIL-RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
< = INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT
--- = NOT ANALYZED

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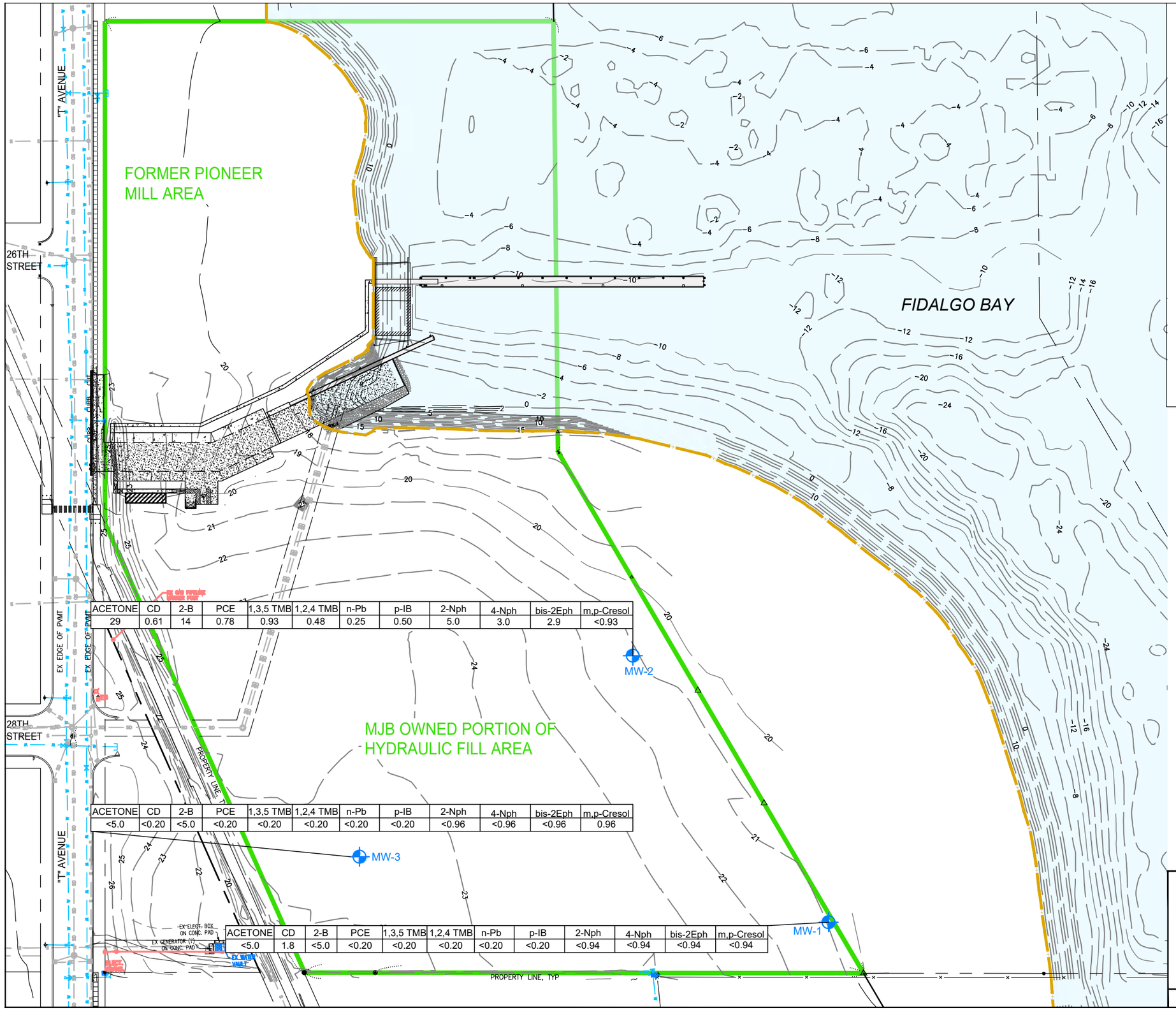
FIGURE 6

GROUNDWATER ANALYTICAL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS
MJB SOUTH HYDRO FILL AREA
ANACORTES, WASHINGTON

FARALLON PN: 299-006



ACETONE	CD	2-B	PCE	1,3,5 TMB	1,2,4 TMB	n-Pb	p-IB	2-Nph	4-Nph	bis-2Eph	m,p-Cresol
29	0.61	14	0.78	0.93	0.48	0.25	0.50	5.0	3.0	2.9	<0.93

ACETONE	CD	2-B	PCE	1,3,5 TMB	1,2,4 TMB	n-Pb	p-IB	2-Nph	4-Nph	bis-2Eph	m,p-Cresol
<5.0	<0.20	<5.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.96	<0.96	<0.96	0.96

ACETONE	CD	2-B	PCE	1,3,5 TMB	1,2,4 TMB	n-Pb	p-IB	2-Nph	4-Nph	bis-2Eph	m,p-Cresol
<5.0	1.8	<5.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.94	<0.94	<0.94	<0.94

LEGEND

- PROPERTY BOUNDARY
- STORM DRAIN
- SANITARY SEWER LINE
- WATER LINE
- 10 — CONTOUR LINE
- TOP OF BANK
- CONCRETE BOAT RAMP
- MW-3 — MONITORING WELL

GROUNDWATER ANALYTICAL RESULTS IN MICROGRAMS PER LITER

CD = CARBON DISULFIDE
2-B = 2-BUTANONE
PCE = TETRACHLOROETHENE
1,3,5 TMB = 1,3,5-TRIMETHYLBENZENE
1,2,4 TMB = 1,2,4-TRIMETHYLBENZENE
n-Pb = n-PROPYLBENZENE
p-IB = p-ISOPROPYLTOLUENE
2-Nph = 2-NITROPHENOL
4-Nph = 4-NITROPHENOL
bis-2Eph = bis(2-ETHYLHEXYL) PHTHALATE
m,p-Cresol = (3+4)-METHYLPHENOL (m,p-CRESOL)
< = INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT

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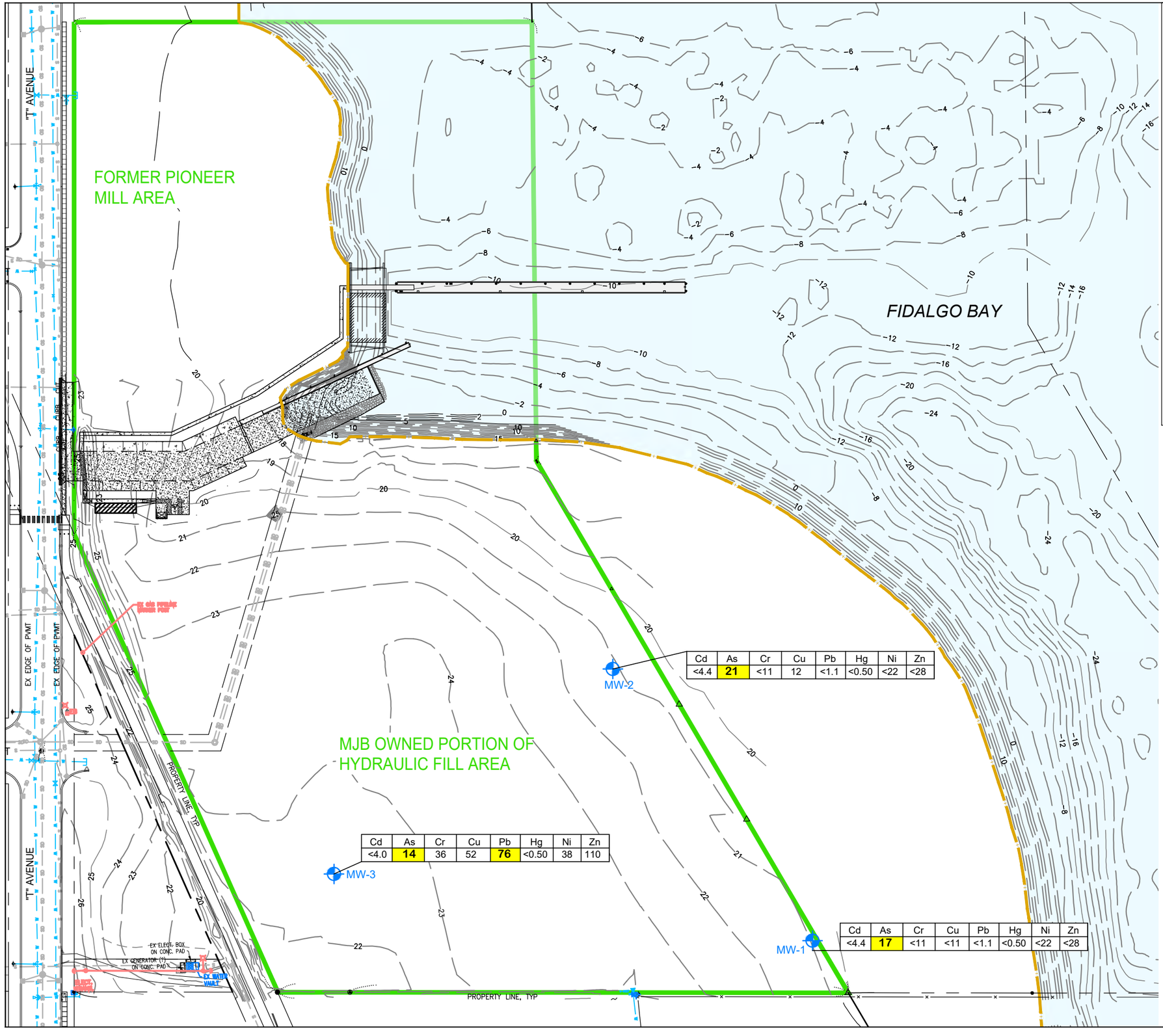
FIGURE 7

GROUNDWATER ANALYTICAL RESULTS FOR VOCs AND SVOCs
MJB SOUTH HYDRO FILL AREA
ANACORTES, WASHINGTON

FARALLON PN: 299-006



Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
<4.4	**21**	<11	12	<1.1	<0.50	<22	<28

Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
<4.0	**14**	36	52	**76**	<0.50	38	110

Cd	As	Cr	Cu	Pb	Hg	Ni	Zn
<4.4	**17**	<11	<11	<1.1	<0.50	<22	<28

LEGEND

- PROPERTY BOUNDARY
- STORM DRAIN
- SANITARY SEWER LINE
- WATER LINE
- CONTOUR LINE
- TOP OF BANK
- CONCRETE BOAT RAMP
- MW-3 MONITORING WELL

GROUNDWATER ANALYTICAL RESULTS IN MICROGRAMS PER LITER

Cd = CADMIUM
As = ARSENIC
Cr = CHROMIUM
Cu = COPPER
Pb = LEAD
Hg = MERCURY
Ni = NICKEL
Zn = ZINC
< = INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT

BOLD = INDICATES CONCENTRATIONS EXCEED SELECTED SCREENING LEVEL

BOLD = INDICATES CONCENTRATION EXCEEDS APPLICABLE WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) METHOD A CLEANUP LEVELS

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Scale in feet

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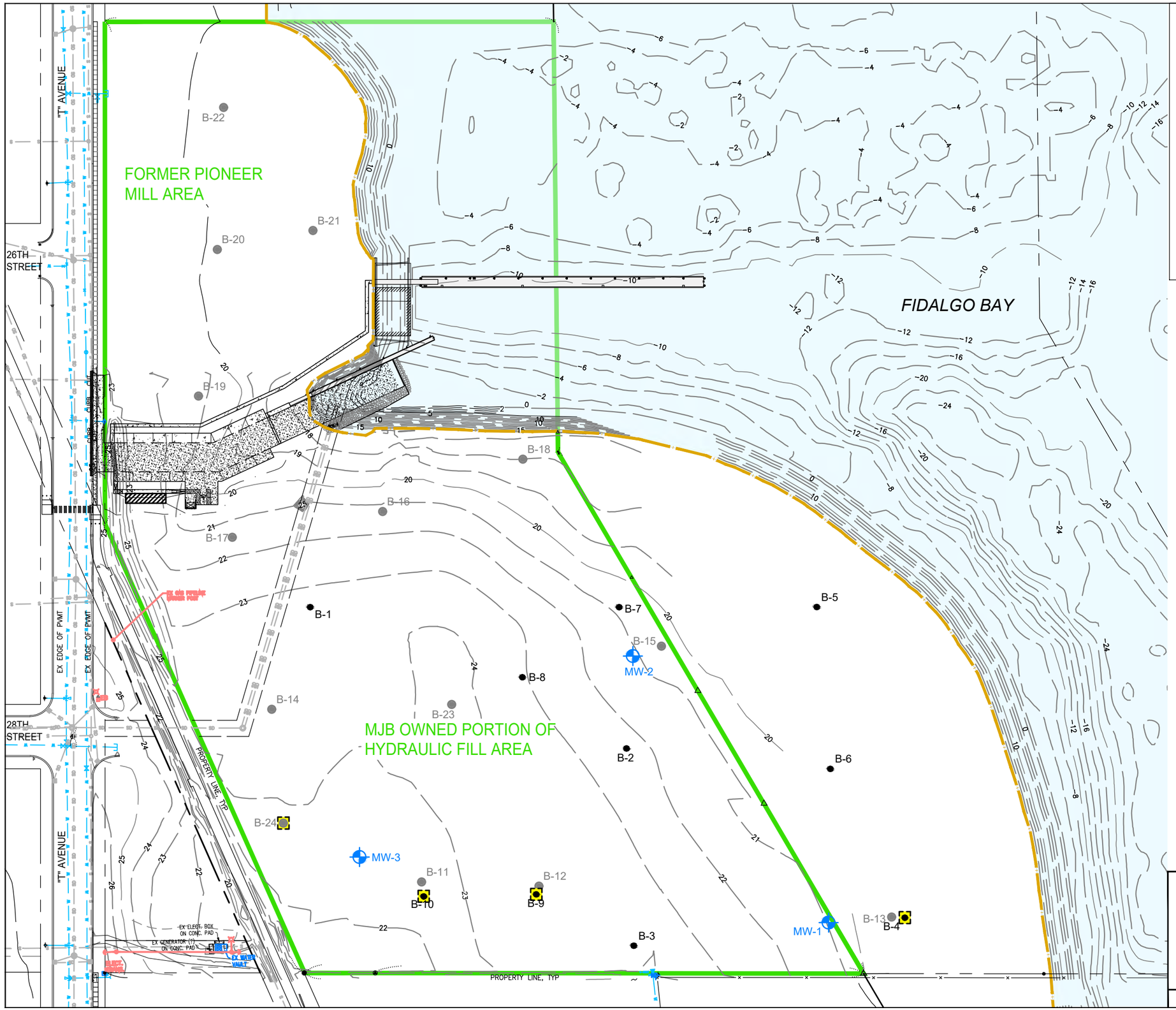
FIGURE 8

GROUNDWATER ANALYTICAL RESULTS FOR METALS
MJB SOUTH HYDRO FILL AREA
ANACORTES, WASHINGTON

FARALLON PN: 299-006



LEGEND

- PROPERTY BOUNDARY
- STORM DRAIN
- SANITARY SEWER LINE
- WATER LINE
- 10 — CONTOUR LINE
- TOP OF BANK
- CONCRETE BOAT RAMP
- MW-3 — MONITORING WELL
- B-11 — BORING (FARALLON CONSULTING 2011)
- B-2 — BORING (HART CROWSER 1991)
- COMPLETED EXCAVATION AREA APRIL 2013

N

0 120

Scale in feet

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FIGURE 9

CLEANUP ACTION
EXCAVATION AREAS
MJB SOUTH HYDRO FILL AREA
ANACORTES, WASHINGTON

FARALLON PN: 299-006

TABLES

SOIL MANAGEMENT PLAN
MJB South Hydro Fill Area
Anacortes, Washington

Farallon PN: 299-006

Table 1
Summary of Soil Analytical Results - Total Petroleum Hydrocarbons
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Boring Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet)[1]	Analytical Results (milligrams per kilogram)[2]						
					DRO[3]	ORO[3]	GRO[4]	Benzene[5]	Toluene[5]	Ethyl-benzene[5]	Xylenes[5]
B-1	B1SS1	Hart Crowser, Inc.	06/25/91	1 - 2.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B1SS2			6 - 7.5	<10	<10	<10	<0.050	<0.050	<0.050	0.078N
	B1SS3			8 - 9.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
B-2	B2SS1	Hart Crowser, Inc.	06/25/91	5 - 6.5	<10	22	<10	<0.050	<0.050	<0.050	<0.050
	B2SS2			20.5 - 22	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B2SS3			23.5 - 25	<10	<10	<10	<0.050	0.070N	<0.050	<0.050
B-3	B3SS1	Hart Crowser, Inc.	06/25/91	2 - 3.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B3SS2			6 - 7.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B3SS3			21 - 22.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
B-4	B4SS1	Hart Crowser, Inc.	06/25/91	0 - 1.5	<10	<10	<10	**0.081N**	0.068N	<0.050	<0.050
	B4SS2			3.5 - 5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B4SS3			23.5 - 25	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
B-5	B5SS1	Hart Crowser, Inc.	06/25/91	3.5 - 5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B5SS2			13.5 - 15	<10	<10	<10	**0.090N**	0.180N	0.200N	0.390N
	B5SS3			23.5 - 25	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
B-6	B6SS1	Hart Crowser, Inc.	06/25/91	0 - 1.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B6SS2			6 - 7.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B6SS2-Dup			6 - 7.5	—	—	—	NA	NA	NA	NA
	B6SS3			24 - 25.5	<10	17	<10	<0.050	<0.050	<0.050	<0.050
B-7	B7SS1	Hart Crowser, Inc.	06/25/91	0 - 1.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B7SS2			3.5 - 5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B7SS3			23.5 - 25	<10	13	<10	<0.050	<0.050	<0.050	<0.050
B-8	B8SS1	Hart Crowser, Inc.	06/25/91	2 - 3.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B8SS2			16 - 17.5	<10	39	<10	<0.050	<0.050	<0.050	<0.050
	B8SS3			28.5 - 30	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
MTCA Method A Cleanup Levels for Soil[3]					**2,000**	**2,000**	**100/30[4]**	**0.03**	**7**	**6**	**9**

Table 1
Summary of Soil Analytical Results - Total Petroleum Hydrocarbons
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Boring Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet)[1]	Analytical Results (milligrams per kilogram)[2]						
					DRO[3]	ORO[3]	GRO[4]	Benzene[5]	Toluene[5]	Ethyl-benzene[5]	Xylenes[5]
B-9	B9SS1	Hart Crowser, Inc.	06/25/91	1 - 2.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B9SS2			5 - 6.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B9SS3			17.5 - 18	<10	48	<10	**0.150N**	0.300N	0.360N	0.650N
B-10	B10SS1	Hart Crowser, Inc.	06/25/91	0 - 1.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B10SS2			6 - 7.5	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
	B10SS3			8.5 - 9	<10	<10	<10	<0.050	<0.050	<0.050	<0.050
B-11	B11-051011-1.5	Farallon	05/10/11	1.5	<28	<56	<4.3	<0.00084	<0.0042	<0.00084	<0.0025
	B11-051011-11.5			11.5	<34	<69	<7.9	<0.0012	<0.0060	<0.0012	<0.0036
	B11-051011-20			20	<29	<59	<5.4	<0.00083	<0.0042	<0.00083	<0.0025
B-12	B12-051011-1.0	Farallon	05/10/11	1.0	<32	<63	<5.1	<0.00081	<0.0041	<0.00081	<0.0024
	B12-051011-14			14	<31	<61	<5.0	<0.00074	<0.0037	<0.00074	<0.0022
	B12-051011-26			26	<42	<83	<11	<0.00093	<0.0046	<0.00093	<0.0028
B-13	B13-051011-1.0	Farallon	05/10/11	1.0	<27	<55	<4.2	<0.00060	<0.0030	<0.00060	<0.0018
	B13-051011-14			14	<34	<69	<6.2	<0.00086	<0.0043	<0.00086	<0.0026
	B13-051011-24.25			24.25	<39	<78	<8.1	<0.0011	<0.0055	<0.0011	<0.0033
B-14	B14-051011-1.5	Farallon	05/10/11	1.5	<27	<54	<4.8	<0.00087	<0.0043	<0.00087	<0.0026
	B14-051011-6.0			6.0	<31	<63	<6.1	<0.0011	<0.0054	<0.0011	<0.0032
B-15	B15-051111-1.5	Farallon	05/11/11	1.5	<27	<54	<3.8	<0.00069	<0.0034	<0.0069	<0.0021
	B15-051111-13			13	<33	<65	<6.5	<0.00076	<0.0038	<0.00076	<0.0023
	B15-051111-27.5			27.5	<34	<68	<6.3	<0.00068	<0.0034	<0.00068	<0.0021
B-16	B16-051011-1.5	Farallon	05/10/11	1.5	<31	<62	<6.4	<0.00089	<0.0044	<0.00089	<0.0027
	B16-051011-5.5			5.5	<31	<61	<6.1	<0.00089	<0.0045	<0.00089	<0.0027
B-17	B17-051011-1.5	Farallon	05/10/11	1.5	<28	<55	<4.2	<0.00078	<0.0039	<0.00078	<0.0024
MTCA Method A Cleanup Levels for Soil[3]					**2,000**	**2,000**	**100/30[4]**	**0.03**	**7**	**6**	**9**

Table 1
Summary of Soil Analytical Results - Total Petroleum Hydrocarbons
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Boring Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet)[1]	Analytical Results (milligrams per kilogram)[2]						
					DRO[3]	ORO[3]	GRO[4]	Benzene[5]	Toluene[5]	Ethyl-benzene[5]	Xylenes[5]
B-18	B18-051111-1.5	Farallon	05/11/11	1.5	<30	<60	<3.9	<0.00050	<0.0025	<0.00050	<0.0015
	B18-051111-14			14	<40	<80	<7.8	<0.00093	<0.0047	<0.00093	<0.0028
	B18-051111-25.5			25.5	<32	<63	<5.2	<0.00080	<0.0040	<0.00080	<0.0024
B-19	B19-051111-1.0	Farallon	05/11/11	1.0	<27	72	<4.3	<0.0010	<0.0051	<0.0010	<0.0030
B-20	B20-051111-1.5	Farallon	05/11/11	1.5	<29	<57	<5.8	<0.0014	<0.0069	<0.0014	<0.0042
	B20-051111-5.0			5.0	95	270	<8.0	<0.0013	<0.0067	<0.0013	<0.0040
B-21	B21-051111-1.5	Farallon	05/11/11	1.5	<28	78	<5.8	<0.00080	<0.0040	<0.00080	<0.0024
	B21-051111-9.5			9.5	270	1,100	6.4	<0.00098	<0.0049	<0.00098	<0.0030
	B21-051111-14.0			14.0	61	99	<8.4	<0.0012	<0.0062	<0.0012	<0.0037
B-22	B22-051111-1.5	Farallon	05/11/11	1.5	<29	<58	<5.4	<0.0010	<0.0050	<0.0010	<0.0030
B-23	B23-051011-1.5	Farallon	05/10/11	1.5	<28	<55	<4.3	<0.00079	<0.0039	<0.00079	<0.0024
	B23-051011-8.5			8.5	<31	<61	<5.9	<0.00092	<0.0046	<0.00092	<0.0027
	B23-051011-23			23	<33	<66	<7.8	<0.0012	<0.0058	<0.0012	<0.0035
B-24	B24-051011-1.5	Farallon	05/10/11	1.5	<27	<55	<4.8	<0.00082	<0.0041	<0.00082	<0.0024
	B24-051011-6.0			6.0	<200	1,200	<9.5	<0.0014	<0.0068	<0.0014	<0.0041
MTCA Method A Cleanup Levels for Soil[6]					**2,000**	**2,000**	**100/30[7]**	**0.03**	**7**	**6**	**9**

NOTES:
Results in **bold** denote concentrations above applicable cleanup levels.
Results highlighted in yellow denote that sample results exceed applicable Washington State Model Toxics Control Act Cleanup Regulation Method A cleanup levels for Soil.
< denotes analyte not detected at or above the laboratory reporting limit listed.
— denotes sample was not analyzed.
DRO = total petroleum hydrocarbons (TPH) as diesel-range organics
Farallon = Farallon Consulting, L.L.C.
ORO = TPH as oil-range organics
GRO = TPH as gasoline-range organics
N = compound identification tentative; concentration estimated
NA = analytical results not available

[1]Depth in feet below ground surface.

[2]Soil samples from Borings B-1 through B-10 were analyzed by the Hart Crowser *FAST* Laboratory. Soil samples from Borings B-11 through B-24 were analyzed by OnSite Environmental Inc.

[3]Soil samples from borings B-11 through B-24 analyzed by Northwest Method NWTPH-DX.

[4]Soil samples from borings B-11 through B-24 analyzed by Northwest Method NWTPH-GX.

[5]Soil samples from borings B-11 through B-24 analyzed by U.S. Environmental Protection Agency Method 8260B.

[6]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended November 2007.

[7]Cleanup level when benzene is present.

Table 2
Summary of Soil Analytical Results - Volatile Organic Compounds
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Boring Location	Sample Identification	Sampled By	Sample Date	Depth (feet)[1]	Analytical Results (milligrams per kilogram)[2]								
					PCE	TCE	Chlorobenzene	Dichlorobenzenes	Acetone	Carbon Disulfide	2-Butanone	p-Isopropyltoluene	Methylene Chloride
B-1	B1SS1	Hart Crowser, Inc.	06/25/91	1 - 2.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B1SS2			6 - 7.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B1SS3			8 - 9.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
B-2	B2SS1	Hart Crowser, Inc.	06/25/91	5 - 6.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B2SS2			20.5 - 22	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B2SS3			23.5 - 25	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
B-3	B3SS1	Hart Crowser, Inc.	06/25/91	2 - 3.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B3SS2			6 - 7.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B3SS3			21 - 22.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
B-4	B4SS1	Hart Crowser, Inc.	06/25/91	0 - 1.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B4SS2			3.5 - 5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B4SS3			23.5 - 25	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
B-5	B5SS1	Hart Crowser, Inc.	06/25/91	3.5 - 5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B5SS2			13.5 - 15	**0.190N**	<0.050	<0.250	0.480N	—	—	—	—	—
	B5SS3			23.5 - 25	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
B-6	B6SS1	Hart Crowser, Inc.	06/25/91	0 - 1.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B6SS2			6 - 7.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B6SS2-Dup			6 - 7.5	NA	NA	NA	NA	—	—	—	—	—
	B6SS3			24 - 25.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
B-7	B7SS1	Hart Crowser, Inc.	06/25/91	0 - 1.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B7SS2			3.5 - 5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B7SS3			23.5 - 25	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
B-8	B8SS1	Hart Crowser, Inc.	06/25/91	2 - 3.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B8SS2			16 - 17.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B8SS3			28.5 - 30	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
B-9	B9SS1	Hart Crowser, Inc.	06/25/91	1 - 2.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B9SS2			5 - 6.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B9SS3			17.5 - 18	**0.330N**	**0.300N**	0.340N	1.300N	—	—	—	—	—
MTCA Cleanup Levels for Soil					**0.05**[3]	**0.03**[3]	**1,600**[4]	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**

Table 2
Summary of Soil Analytical Results - Volatile Organic Compounds
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Boring Location	Sample Identification	Sampled By	Sample Date	Depth (feet)[1]	Analytical Results (milligrams per kilogram)[2]								
					PCE	TCE	Chlorobenzene	Dichlorobenzenes	Acetone	Carbon Disulfide	2-Butanone	p-Isopropyltoluene	Methylene Chloride
B-10	B10SS1	Hart Crowser, Inc.	06/25/91	0 - 1.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B10SS2			6 - 7.5	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
	B10SS3			8.5 - 9	<0.050	<0.050	<0.250	<0.250	—	—	—	—	—
B-11	B11-051011-1.5	Farallon	05/10/11	1.5	<0.00084	<0.00084	<0.00084	<0.0025	<0.0042	<0.00084	<0.0042	<0.00084	<0.0042
	B11-051011-11.5			11.5	<0.0012	<0.0012	<0.0012	<0.0036	0.045	0.011	0.0092	<0.0012	<0.0060
	B11-051011-20			20	<0.00083	<0.00083	<0.00083	<0.0025	0.0079	0.0088	<0.0042	<0.00083	<0.0042
B-12	B12-051011-1.0	Farallon	05/10/11	1.0	<0.00081	<0.00081	<0.00081	<0.0024	<0.0041	<0.00081	<0.0041	<0.00081	<0.0041
	B12-051011-14			14	<0.00074	<0.00074	<0.00074	<0.0022	0.014	0.0031	<0.0037	<0.00074	<0.0037
	B12-051011-26			26	<0.00093	<0.00093	<0.00093	<0.0028	0.015	0.0067	<0.0046	<0.00093	<0.0046
B-13	B13-051011-1.0	Farallon	05/10/11	1.0	<0.00060	<0.00060	<0.00060	<0.0018	<0.0030	<0.00060	<0.0030	<0.00060	<0.0030
	B13-051011-14			14	<0.00086	<0.00086	<0.00086	<0.0026	0.020	0.012	<0.0043	<0.00086	<0.0043
	B13-051011-24.25			24.25	<0.0011	<0.0011	<0.0011	<0.0033	0.016	0.016	<0.0055	<0.0011	<0.0055
B-14	B14-051011-1.5	Farallon	05/10/11	1.5	<0.00087	<0.00087	<0.00087	<0.0026	<0.0043	<0.00087	<0.0043	<0.00087	<0.0043
	B14-051011-6.0			6.0	<0.0011	<0.0011	<0.0011	<0.0033	0.21	<0.0011	0.033	<0.0011	<0.0054
B-15	B15-051111-1.5	Farallon	05/11/11	1.5	<0.00069	<0.00069	<0.00069	<0.0207	<0.0034	<0.00069	<0.0034	<0.00069	<0.0034
	B15-051111-13			13	<0.00076	<0.00076	<0.00076	<0.0228	<0.0038	<0.00076	<0.0038	<0.00076	<0.0038
	B15-051111-27.5			27.5	<0.00068	<0.00068	<0.00068	<0.0204	0.0096	0.0064	<0.0034	<0.00068	<0.0034
B-16	B16-051011-1.5	Farallon	05/10/11	1.5	<0.00089	<0.00089	<0.00089	<0.0027	<0.0044	<0.00089	<0.0044	<0.00089	<0.0044
	B16-051011-5.5			5.5	<0.00089	<0.00089	<0.00089	<0.0027	<0.0045	<0.00089	<0.0045	<0.00089	<0.0045
B-17	B17-051011-1.5	Farallon	05/10/11	1.5	<0.00078	<0.00078	<0.00078	<0.0023	<0.0039	<0.00078	<0.0039	<0.00078	<0.0039
B-18	B18-051111-1.5	Farallon	05/11/11	1.5	<0.00050	<0.00050	<0.00050	<0.015	<0.0025	<0.00050	<0.0025	<0.00050	<0.0025
	B18-051111-14			14	<0.00093	<0.00093	<0.00093	<0.0028	0.042	0.012	0.0071	<0.00093	<0.0047
	B18-051111-25.5			25.5	<0.00080	<0.00080	<0.00080	<0.024	0.012	0.0073	<0.0040	<0.00080	<0.0040
B-19	B19-051111-1.0	Farallon	05/11/11	1.0	<0.0010	<0.0010	<0.0010	<0.0030	0.034	<0.0010	0.10	<0.0010	<0.0051
B-20	B20-051111-1.5	Farallon	05/11/11	1.5	<0.0014	<0.0014	<0.0014	<0.0042	<0.0069	<0.0014	<0.0069	<0.0014	<0.0069
	B20-051111-5.0			5.0	<0.0013	<0.0013	<0.0013	<0.0039	<0.0067	<0.0013	<0.0067	<0.0013	<0.0067
B-21	B21-051111-1.5	Farallon	05/11/11	1.5	<0.00080	<0.00080	<0.00080	<0.0024	<0.0040	<0.00080	<0.0040	<0.00080	<0.0040
	B21-051111-9.5			9.5	<0.00098	<0.00098	<0.00098	<0.0294	0.058	<0.00098	0.0090	0.0019	<0.0049
	B21-051111-14.0			14	<0.0012	<0.0012	<0.0012	<0.0036	0.021	0.0023	<0.0062	0.019	<0.0062
B-22	B22-051111-1.5	Farallon	05/11/11	1.5	<0.0010	<0.0010	<0.0010	<0.0030	<0.0050	<0.0010	<0.0050	<0.0010	<0.0050
MTCA Cleanup Levels for Soil					**0.05[3]**	**0.03[3]**	**1,600[4]**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**

Table 2
Summary of Soil Analytical Results - Volatile Organic Compounds
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Boring Location	Sample Identification	Sampled By	Sample Date	Depth (feet)[1]	Analytical Results (milligrams per kilogram)[2]								
					PCE	TCE	Chlorobenzene	Dichlorobenzenes	Acetone	Carbon Disulfide	2-Butanone	p-Isopropyltoluene	Methylene Chloride
B-23	B23-051011-1.5	Farallon	05/10/11	1.5	<0.00079	<0.00079	<0.00079	<0.024	<0.0039	<0.00079	<0.0039	<0.00079	<0.0039
	B23-051011-8.5			8.5	<0.00092	<0.00092	<0.00092	<0.0028	0.0083	0.0019	<0.0046	<0.00092	<0.0046
	B23-051011-23			23	<0.0012	<0.0012	<0.0012	<0.0036	0.021	0.011	<0.0058	<0.0012	<0.0058
B-24	B24-051011-1.5	Farallon	05/10/11	1.5	<0.00082	<0.00082	<0.00082	<0.0025	0.0085	0.0015	<0.0041	<0.0082	0.0042
	B24-051011-6.0			6.0	<0.0014	<0.0014	<0.0014	<0.0042	0.26	<0.0014	0.036	<0.0014	<0.0068
MTCA Cleanup Levels for Soil					**0.05[3]**	**0.03[3]**	**1,600[4]**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**

NOTES:

Results in **bold** denote concentrations above applicable cleanup levels.

Results highlighted in yellow denote that sample results exceed applicable Washington State Model Toxics Control Act Cleanup Regulation Method A cleanup levels for Soil.

< denotes analyte not detected at or above the reporting limit listed.

— denotes sample not analyzed.

[1]Depth in feet below ground surface.

[2]Soil samples from Borings 1 through 10 were analyzed by the Hart Crowser *FAST* Laboratory. Soil Samples from borings B-11 through B-24 were analyzed by U.S. Environmental Protection Agency Method 8260B.

[3]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised November 2007.

[4]Washington State Cleanup Levels and Risk Calculations under the Washington State Model Toxics Control Act Cleanup Regulation, Standard Method B Formula Values for Soil (Non-carcinogen) (Unrestricted Land Use) - Direct Contact (Ingestion Only), https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx

Farallon = Farallon Consulting, L.L.C.

N = compound identification tentative; concentration estimated

NA = analytical results not available

NE = not established

PCE = tetrachloroethene

TCE = trichloroethene

Table 3
Summary of Soil Analytical Results - Semivolatile Organic Compounds
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Sample Location	Sample Identification	Sample Date	Sample Depth (feet)[1]	Analytical Results (milligrams per kilogram)[2,3]																		
				Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	bis(2-Ethylhexyl) phthalate	Benzo(b)fluoranthene	Benzo(j,k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-c,d)pyrene	Dibenz(a,h)anthracene	Benzo(g,h,i)perylene	Total cPAHs TEC[4]
North Excavation	N Exc 2	09/17/10	7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
South Excavation	S Exc 1	09/17/10	7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	88	NA	NA	NA	**0.233**
Test Pit	RAMP-1D	unknown	3 - 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.63**
Test Pit	RAMP-3D	unknown	8 - 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.21**
Test Pit	RAMP-6D	unknown	3 - 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.23**
Test Pit	RAMP-6S	unknown	1 - 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Pit	RAMP-7D	unknown	3 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-11	B11-051011-1.5	05/10/11	1.5	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.37	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	0.0057
	B11-051011-11.5		11.5	<0.0091	<0.0091	<0.0091	<0.0091	<0.0091	<0.0091	<0.0091	<0.0091	<0.0091	<0.0091	<0.0091	<0.0091	<0.046	<0.0091	<0.0091	<0.0091	<0.0091	<0.0091	<0.0091	0.0069
	B11-051011-20		20	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	0.062	0.0090	0.053	0.057	0.019	0.021	<0.039	0.011	0.012	0.019	0.0094	<0.0078	0.012	0.025
B-12	B12-051011-1.0	05/10/11	1.0	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.42	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	0.0063
	B12-051011-14		14	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.41	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	0.00612
	B12-051011-26		26	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.56	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	0.0083
B-13	B13-051011-1.0	05/10/11	1.0	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.36	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	0.0055
	B13-051011-14		14	<0.0092	<0.0092	<0.0092	<0.0092	<0.0092	<0.0092	<0.0092	<0.0092	<0.0092	<0.0092	<0.0092	<0.0092	<0.46	<0.0092	<0.0092	<0.0092	<0.0092	<0.0092	<0.0092	0.0069
	B13-051011-24.25		24.25	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.52	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.0076
B-14	B14-051011-1.5	05/10/11	1.5	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	<0.36	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	0.0054
	B14-051011-6.0		6.0	<0.0083	<0.0083	<0.0083	<0.0083	<0.0083	<0.0083	0.054	<0.0083	0.078	0.089	0.034	0.045	<0.42	0.027	0.028	0.044	0.023	<0.0083	0.030	0.056
B-15	B15-051111-1.5	05/11/11	1.5	<0.0072	<0.0072	<0.0072	<0.0072	<0.0072	<0.0072	<0.0072	<0.0072	<0.0072	<0.0072	<0.0072	<0.0072	0.083	<0.0072	<0.0072	<0.0072	<0.0072	<0.0072	<0.0072	0.0054
	B15-051111-13		13	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	0.11	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	0.0066
	B15-051111-27.5		27.5	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	0.11	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	0.0068
B-16	B16-051011-1.5	05/10/11	1.5	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.41	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	0.0062
	B16-051011-5.5		5.5	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.41	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	0.0062
B-17	B17-051011-1.5	05/10/11	1.5	<0.0074	<0.0074	<0.0074	<0.0074	<0.0074	<0.0074	0.024	<0.0074	0.024	0.024	0.012	0.015	<0.37	0.0094	0.0091	0.013	<0.0074	<0.0074	0.0089	0.017
B-18	B18-051111-1.5	05/11/11	1.5	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	0.10	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	0.0060
	B18-051111-14		14	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	0.13	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	0.0083
	B18-051111-25.5		25.5	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.042	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	0.0063
B-19	B19-051111-1.0	05/11/11	1.0	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	0.017	<0.0073	0.037	0.022	0.0098	0.015	0.29	0.014	0.0094	0.013	0.0095	<0.0073	0.016	0.018
B-20	B20-051111-1.5	05/11/11	1.5	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	0.015	<0.0076	0.041	0.024	0.016	0.016	<0.038	0.017	0.014	0.020	0.023	<0.0076	0.051	0.028
	B20-051111-5.0		5.0	0.22	0.15	0.11	0.069	0.011	0.018	0.32	0.073	0.46	0.40	0.28	0.38	<0.22	0.44	0.30	0.34	0.31	0.078	0.38	**0.48**
B-21	B21-051111-1.5	05/11/11	1.5	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	0.012	0.011	<0.0075	0.0097	0.15	0.0080	<0.0075	<0.0075	<0.0075	<0.0075	0.011	0.0061
	B21-051111-9.5		9.5	<0.0085	0.024	0.020	<0.0085	0.022	0.028	0.25	0.089	0.12	1.8	0.61	0.96	<0.21	0.21	0.17	0.89	0.074	0.033	0.33	**1.0**
	B21-051111-14.0		14	0.046	<0.0092	<0.0092	0.026	<0.0092	0.011	0.12	0.033	0.14	0.230	0.082	0.093	<0.23	0.057	0.059	0.095	0.047	0.014	0.063	0.12
B-22	B22-051111-1.5	05/11/11	1.5	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.039	<0.0078	<0.039	<0.039	<0.039	<0.039	<0.039	0.026
Selected Screening Level																							**0.14**
MTCA Method A, Industrial Land Use Cleanup Level for Soil [5]																							**2**
MTCA Method A, Unrestricted Land Use Cleanup Level for Soil [5]																							**0.1**
MTCA Method B, Unrestricted Land Use Cleanup Level for Soil [6]																							**0.14**
MTCA Method C, Unrestricted Land Use Cleanup Level for Soil [7]																							**0.18**

Table 3
Summary of Soil Analytical Results - Semivolatile Organic Compounds
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Sample Location	Sample Identification	Sample Date	Sample Depth (feet)[1]	Analytical Results (milligrams per kilogram)[2,3]																		
				Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	bis(2-Ethylhexyl) phthalate	Benzo(b)fluoranthene	Benzo(j,k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-c,d)pyrene	Dibenz(a,h)anthracene	Benzo(g,h,i)perylene	Total cPAHs TEC[4]
B-23	B23-051011-1.5	05/10/11	1.5	<0.0074	<0.0074	<0.0074	<0.0074	<0.0074	<0.0074	<0.0074	<0.0074	<0.0074	<0.0074	<0.0074	<0.0074	<0.037	<0.0074	<0.0074	<0.0074	<0.0074	<0.0074	<0.0074	0.0056
	B23-051011-8.5		8.5	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.041	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	0.0061
	B23-051011-23		23	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.044	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	0.0066
B-24	B24-051011-1.5	05/10/11	1.5	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.36	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	0.0055
	B24-051011-6.0		6.0	0.024	<0.010	<0.010	0.085	<0.010	<0.010	0.14	0.043	0.29	0.28	0.19	0.26	<0.52	0.30	0.25	0.32	0.29	0.085	0.38	**0.43**
Selected Screening Level																						**0.14**
MTCA Method A, Industrial Land Use Cleanup Level for Soil [5]																						**2**
MTCA Method A, Unrestricted Land Use Cleanup Level for Soil [5]																						**0.1**
MTCA Method B, Unrestricted Land Use Cleanup Level for Soil [6]																						**0.14**
MTCA Method C, Unrestricted Land Use Cleanup Level for Soil [7]																						**0.18**

NOTES:

< denotes analyte not detected at or above the reporting limit listed.

cPAHs = carcinogenic polycyclic aromatic hydrocarbons

NA = analytical results not available

TEC = toxic equivalent concentration

[1]Depth in feet below ground surface.

[2]The analytical laboratory methodology for Excavation and Test Pit samples is unknown. Samples collected from borings B-11 through B-24 were analyzed by U.S. Environmental Protection Agency Method 8270D/SIM

[3]Analytical results shown are limited to samples with concentrations detected above the associated laboratory practical quantitation limits.

[4]Total carcinogenic polycyclic aromatic hydrocarbons derived using the total toxicity equivalency method in Section 708(8) of Chapter 173-340 of the Washington Administrative Code.

[5]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised November 2007.

[6]Washington State Department of Ecology Cleanup Levels and Risk Calculations under MTCA Standard Method B Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only) and Leaching Pathway, https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx

[7]Washington State Department of Ecology Cleanup Levels and Risk Calculations under MTCA Standard Method C Formula Values for Soil (Industrial Land Use) - Direct Contact (Ingestion Only) and Leaching Pathway, https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx

Table 4
Summary of Soil Analytical Results - Metals
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Boring Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet) [1]	Analytical Results (milligrams per kilogram) [2]							
					Cadmium	Arsenic	Chromium	Copper	Lead	Mercury	Nickel	Zinc
B-1	B1SS1	Hart Crowser, Inc.	06/25/91	1 - 2.5	<1.0	—	18	21	<5.0	—	27	38
	B1SS2			6 - 7.5	<1.0	—	24	40	<5.0	—	35	65
	B1SS3			8 - 9.5	<1.0	—	20	31	<5.0	—	40	52
B-2	B2SS1	Hart Crowser, Inc.	06/25/91	5 - 6.5	<1.0	—	15	23	28	—	20	73
	B2SS2			20.5 - 22	<1.0	—	20	17	<5.0	—	23	41
	B2SS3			23.5 - 25	<1.0	—	4	4	<5.0	—	5	11
B-3	B3SS1	Hart Crowser, Inc.	06/25/91	2 - 3.5	<1.0	—	12	16	<5.0	—	26	27
	B3SS2			6 - 7.5	<1.0	—	12	11	<5.0	—	15	26
	B3SS3			21 - 22.5	<1.0	—	21	15	6	—	21	43
B-4	B4SS1	Hart Crowser, Inc.	06/25/91	0 - 1.5	<1.0	—	13	14	<5.0	—	33	23
	B4SS2			3.5 - 5	<1.0	—	17	29	7	—	26	49
	B4SS3			23.5 - 25	<1.0	—	11	10	6	—	10	27
B-5	B5SS1	Hart Crowser, Inc.	06/25/91	3.5 - 5	<1.0	—	10	10	<5.0	—	12	22
	B5SS2			13.5 - 15	<1.0	—	18	29	<5.0	—	29	47
	B5SS3			23.5 - 25	<1.0	—	14	14	<5.0	—	14	32
B-6	B6SS1	Hart Crowser, Inc.	06/25/91	0 - 1.5	<1.0	—	11	13	<5.0	—	22	25
	B6SS2			6 - 7.5	<1.0	—	23	32	<5.0	—	30	57
	B6SS2-Dup			6 - 7.5	<1.0	—	23	34	<5.0	—	29	53
	B6SS3			24 - 25.5	<1.0	—	19	14	6	—	19	36
B-7	B7SS1	Hart Crowser, Inc.	06/25/91	0 - 1.5	<1.0	—	14	15	<5.0	—	32	26
	B7SS2			3.5 - 5	<1.0	—	15	19	6	—	20	35
	B7SS3			23.5 - 25	<1.0	—	7	8	7	—	11	21
B-8	B8SS1	Hart Crowser, Inc.	06/25/91	2 - 3.5	<1.0	—	11	12	5	—	20	23
	B8SS2			16 - 17.5	<1.0	—	19	35	8	—	30	53
	B8SS3			28.5 - 30	<1.0	—	9	17	43	—	11	49
B-9	B9SS1	Hart Crowser, Inc.	06/25/91	1 - 2.5	<1.0	—	10	15	<5.0	—	28	22
	B9SS2			5 - 6.5	<1.0	—	21	28	<5.0	—	29	50
	B9SS3			17.5 - 18	<1.0	—	16	28	14	—	16	38
Selected Screening Level					**1.21**	**13**	**117[7]**	**52.9[7]**	**220**	**0.13[7]**	**54.2[7]**	**101**
MTCA Method A Cleanup Levels for Soil [3]					**2**	**20**	**2,000**	**3,000**	**250**	**2**	**1,600**	**24,000**
MTCA Method B Cleanup Levels for Soil [4]					**80**	**24**	**NE**	**3,000**	**NE**	**24**	**1,600**	**24,000**
MTCA Method B Protective of Groundwater as Marine Surface Water[5]					**1.21**	**0.08**	**NE**	**1.07**	**1.620**	**0.03**	**10.7**	**101**
MTCA Method B Protective of Terrestrial Ecological Receptors[6]					**25**	**20**	**42**	**100**	**220**	**9**	**100**	**270**
Area Background					**1.2**	**8.47**	**117**	**NE**	**NE**	**0.13**	**54.2**	**85.6**

Table 4
Summary of Soil Analytical Results - Metals
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Boring Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet) [1]	Analytical Results (milligrams per kilogram) [2]							
					Cadmium	Arsenic	Chromium	Copper	Lead	Mercury	Nickel	Zinc
B-10	B10SS1	Hart Crowser, Inc.	06/25/91	0 - 1.5	<1.0	—	18	18	<5.0	—	38	22
	B10SS2			6 - 7.5	<1.0	—	36	36	<5.0	—	38	71
	B10SS3			8.5 - 9	<1.0	—	26	40	**490**	—	28	130
North Excavation	N Exc 2	AMEC Geomatrix	09/17/10	7.5	NA	16	NA	88	NA	NA	NA	310
South Excavation	S Exc 1	AMEC Geomatrix	09/17/10	7.5	NA	NA	NA	NA	NA	NA	NA	240
Test Pit	RAMP-1D	AMEC Geomatrix	Unknown	3 - 5	NA	NA	NA	NA	NA	NA	NA	150
Test Pit	RAMP-3D	AMEC Geomatrix	Unknown	8 - 10	NA	NA	NA	NA	NA	NA	NA	240
Test Pit	RAMP-6D	AMEC Geomatrix	Unknown	3 - 5	NA	NA	NA	NA	NA	NA	NA	140
Test Pit	RAMP-6S	AMEC Geomatrix	Unknown	1 - 3	NA	NA	NA	65	NA	NA	NA	260
Test Pit	RAMP-7D	AMEC Geomatrix	Unknown	3 - 4	NA	NA	NA	54	NA	NA	NA	NA
B-11	B11-051011-1.5	Farallon	05/10/11	1.5	<0.56	<11	55	19	<5.6	<0.28	36	33
	B11-051011-11.5			11.5	<0.68	<14	41	23	<6.8	<0.34	32	53
	B11-051011-20			20	<0.59	<12	70	11	6.3	<0.29	19	42
B-12	B12-051011-1.0	Farallon	05/10/11	1.0	<0.63	<13	31	18	<6.3	<0.32	23	39
	B12-051011-14			14	<0.61	<12	16	5.5	<6.1	<0.31	11	19
	B12-051011-26			26	<0.83	<17	45	21	<8.3	<0.42	35	60
B-13	B13-051011-1.0	Farallon	05/10/11	1.0	<0.54	<11	22	16	<5.4	<0.27	34	26
	B13-051011-14			14	<0.69	<14	41	19	<6.9	<0.34	31	51
	B13-051011-24.25			24.25	<0.78	<16	39	18	<7.8	<0.39	32	54
B-14	B14-051011-1.5	Farallon	05/10/11	1.5	<0.53	<11	28	20	<5.3	<0.27	44	33
	B14-051011-6.0			6.0	<0.62	<12	34	17	14	<0.31	26	61
B-15	B15-051111-1.5	Farallon	05/11/11	1.5	<0.54	<11	28	23	<5.4	<0.27	47	33
	B15-051111-13			13	<0.65	<13	46	49	<6.5	<0.33	42	81
	B15-051111-27.5			27.5	<0.68	<14	42	26	<6.8	<0.34	32	60
B-16	B16-051011-1.5	Farallon	05/10/11	1.5	<0.62	<12	33	21	<6.2	<0.31	40	40
	B16-051011-5.5			5.5	<0.61	<12	37	29	<6.1	<0.31	36	56
B-17	B17-051011-1.5	Farallon	05/10/11	1.5	<0.55	<11	32	23	8.1	<0.28	36	46
Selected Screening Level					**1.21**	**13**	**117[7]**	**52.9[7]**	**220**	**0.13[7]**	**54.2[7]**	**101**
MTCA Method A Cleanup Levels for Soil [3]					**2**	**20**	**2,000**	**3,000**	**250**	**2**	**1,600**	**24,000**
MTCA Method B Cleanup Levels for Soil [4]					**80**	**24**	**NE**	**3,000**	**NE**	**24**	**1,600**	**24,000**
MTCA Method B Protective of Groundwater as Marine Surface Water[5]					**1.21**	**0.08**	**NE**	**1.07**	**1.620**	**0.03**	**10.7**	**101**
MTCA Method B Protective of Terrestrial Ecological Receptors[6]					**25**	**20**	**42**	**100**	**220**	**9**	**100**	**270**
Area Background					**1.2**	**8.47**	**117**	**NE**	**NE**	**0.13**	**54.2**	**85.6**

Table 4
Summary of Soil Analytical Results - Metals
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Boring Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet) [1]	Analytical Results (milligrams per kilogram) [2]							
					Cadmium	Arsenic	Chromium	Copper	Lead	Mercury	Nickel	Zinc
B-18	B18-051111-1.5	Farallon	05/11/11	1.5	<0.60	<12	26	16	<6.0	<0.30	24	34
	B18-051111-14			14	<0.80	<16	55	27	<8.0	<0.40	39	67
	B18-051111-25.5			25.5	<0.63	<13	48	41	<6.3	<0.32	47	71
B-19	B19-051111-1.0	Farallon	05/11/11	1.0	<0.55	<11	71	**81**	23	<0.27	**110**	**110**
B-20	B20-051111-1.5	Farallon	05/11/11	1.5	<0.57	<11	19	26	6.1	<0.29	33	45
	B20-051111-5.0			5.0	0.97	**17**	29	**270**	83	<0.33	**64**	**220**
B-21	B21-051111-1.5	Farallon	05/11/11	1.5	<0.56	<11	63	**100**	16	<0.28	**120**	89
	B21-051111-9.5			9.5	<0.64	<13	45	35	13	<0.32	40	73
	B21-051111-14.0			14	<0.69	<14	23	38	52	<0.34	23	95
B-22	B22-051111-1.5	Farallon	05/11/11	1.5	<0.58	<12	18	33	8.7	<0.29	16	44
B-23	B23-051011-1.5	Farallon	05/10/11	1.5	<0.55	<11	25	15	<5.5	<0.28	27	31
	B23-051011-8.5			8.5	<0.61	<12	28	15	<6.1	<0.30	22	36
	B23-051011-23			23	<0.65	<13	32	15	<6.5	<0.33	25	42
B-24	B24-051011-1.5	Farallon	05/10/11	1.5	<0.55	<11	27	22	<5.5	<0.27	39	35
	B24-051011-6.0			6.0	<0.78	<16	31	**110**	**570**	<0.39	34	**410**
Selected Screening Level					**1.21**	**13**	**117**[7]	**52.9**[7]	**220**	**0.13**[7]	**54.2**[7]	**101**
MTCA Method A Cleanup Levels for Soil [3]					**2**	**20**	**2,000**	**3,000**	**250**	**2**	**1,600**	**24,000**
MTCA Method B Cleanup Levels for Soil [4]					**80**	**24**	**NE**	**3,000**	**NE**	**24**	**1,600**	**24,000**
MTCA Method B Protective of Groundwater as Marine Surface Water[5]					**1.21**	**0.08**	**NE**	**1.07**	**1.620**	**0.03**	**10.7**	**101**
MTCA Method B Protective of Terrestrial Ecological Receptors[6]					**25**	**20**	**42**	**100**	**220**	**9**	**100**	**270**
Area Background					**1.2**	**8.47**	**117**	**NE**	**NE**	**0.13**	**54.2**	**85.6**

NOTES:
Results in **bold** denote concentrations above preliminary screening level.
< denotes analyte not detected at or above the laboratory reporting limit listed.
— denotes sample not analyzed.
Farallon = Farallon Consulting, L.L.C.
NA = analytical results not available
NE = not established

[1]Depth in feet below ground surface.

[2]Soil samples from Borings B-1 through B-10 were analyzed by the Hart Crowser *FAST* Laboratory. The analytical laboratory methodology for the excavation and test pit soil samples is unknown. Soil samples from boring B-11 through B-24 were analyzed by U.S. Environmental Protection Agency Method 6010B/7471A.

[3]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended November 2007.

[4]Washington State Department of Ecology Cleanup levels and Risk Calculations under MTCA, Standard Method B Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only). Carcinogen values used where established.

[5]Calculated using fixed parameter three-phase partitioning model Washington Administrative Code (WAC) 173-340-747(4).

[6]Concentrations based on simplified ecological terrestrial evaluation in WAC 173-340-7492; concentrations listed in Table 749-2 (unrestricted land use values).

[7]The screening level of some metals is adjusted for regional background concentrations within Skagit/Whatcom Counties or western Washington as reported by the Washington State Department of Ecology (1994a).

Table 5
Summary of Soil Analytical Results - Polychlorinated Biphenyls
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet) [1]	Analytical Results (milligrams per kilogram)[2]						
					Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
B-11	B11-051011-1.5	Farallon	05/10/11	1.5	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056
	B11-051011-11.5			11.5	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068
	B11-051011-20			20	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059
B-12	B12-051011-1.0	Farallon	05/10/11	1.0	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063
	B12-051011-14			14	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061
	B12-051011-26			26	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083
B-13	B13-051011-1.0	Farallon	05/10/11	1.0	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054
	B13-051011-14			14	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069
	B13-051011-24.25			24.25	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078
B-14	B14-051011-1.5	Farallon	05/10/11	1.5	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053
	B14-051011-6.0			6.0	<0.062	<0.062	<0.062	<0.062	<0.062	<0.062	<0.062
B-15	B15-051111-1.5	Farallon	05/11/11	1.5	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054
	B15-051111-13			13	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
	B15-051111-27.5			27.5	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068
B-16	B16-051011-1.5	Farallon	05/10/11	1.5	<0.062	<0.062	<0.062	<0.062	<0.062	<0.062	<0.062
	B16-051011-5.5			5.5	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061
B-17	B17-051011-1.5	Farallon	05/10/11	1.5	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055
B-18	B18-051111-1.5	Farallon	05/11/11	1.5	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060
	B18-051111-14			14	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080
	B18-051111-25.5			25.5	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063
Selected Screening Level					**5.6**	**NE**	**NE**	**NE**	**NE**	**0.5**	**0.5**
MTCA Method A Cleanup Levels for Soil [3]					**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
MTCA Method B Cleanup Levels for Soil [4]					**5.6**	**NE**	**NE**	**NE**	**NE**	**0.5**	**0.5**

Table 5
Summary of Soil Analytical Results - Polychlorinated Biphenyls
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet) [1]	Analytical Results (milligrams per kilogram)[2]						
					Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
B-19	B19-051111-1.0	Farallon	05/11/11	1.0	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055
B-20	B20-051111-1.5	Farallon	05/11/11	1.5	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057
	B20-051111-5.0			5.0	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066
B-21	B21-051111-1.5	Farallon	05/11/11	1.5	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056
	B21-051111-9.5			9.5	<0.064	<0.064	<0.064	<0.064	<0.064	<0.064	<0.064
	B21-051111-14.0			14	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069
B-22	B22-051111-1.5	Farallon	05/11/11	1.5	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058
B-23	B23-051011-1.5	Farallon	05/10/11	1.5	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055
	B23-051011-8.5			8.5	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061
	B23-051011-23			23	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
B-24	B24-051011-1.5	Farallon	05/10/11	1.5	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055
	B24-051011-6.0			6.0	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078
Selected Screening Level					**5.6**	**NE**	**NE**	**NE**	**NE**	**0.5**	**0.5**
MTCA Method A Cleanup Levels for Soil [3]					**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
MTCA Method B Cleanup Levels for Soil [4]					**5.6**	**NE**	**NE**	**NE**	**NE**	**0.5**	**0.5**

NOTES:

< denotes analyte not detected at or above the reporting limit listed.

Farallon = Farallon Consulting, L.L.C.

[1]Depth in feet below ground surface.

NE = not established.

[2]Analyzed by U.S. Environmental Protection Agency Method 8082.

[3]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended November 2007.

[4]Washington State Department of Ecology Cleanup Levels and Risk Calculations under MTCA Standard Method B Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only) and Leaching Pathway, https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx

Table 6
Summary of Soil Analytical Results - Dioxins and Furans
MJB South Hyro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet)[1]	Analytical Results (ng/kg) [2]
					TEQ[3]
B-11	B11-051011-1.5	Farallon	05/10/11	1.5	0.46
B-12	B12-051011-1.0	Farallon	05/10/11	1.0	1.1
	B12-051011-14			14	0.41
B-14	B14-051011-1.5	Farallon	05/10/11	1.5	0.91
	B14-051011-6.0			6.0	0.61
B-15	B15-051111-1.5	Farallon	5/11/2011	1.5	0.55
	B15-051111-13			13	0.56
B-16	B16-051011-1.5	Farallon	5/10/2011	1.5	0.80
	B16-051011-5.5			5.5	0.84
B-19	B19-051111-1.0	Farallon	05/11/11	1.0	0.77
B-23	B23-051011-1.5	Farallon	05/10/11	1.5	0.84
	B23-051011-8.5			8.5	1.0
Screening Level for Total Dioxins/Furans-Human Health					**11**
Screening Level for Total Dioxins-Ecological[4]					**5**
Screening Level for Total Furans- Ecological[4]					**3.0**
Screening Level for Total Dioxins/Furans Industrial					**1,460**

NOTES:

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8290.

[3]Per MTCA (WAC 173-340-708[8][D]), 7 chlorinated dibenzo-p-dioxins (CDDs) and 10 chlorinated dibenzofuran cogeners (CDFs) were tested to enable calculation of a toxicity equivalency quotient (TEQ) concentration of 2,3,7,8-tetrachlorodibenzo-p-dioxin. The reference chemical was 2,3,7,8-tetrachlorodibenzo-p-dioxin because it is the most toxic and best studied of the 210 CDDs and CDFs. Toxicity Equivalent Quotient based on Vanden Berg et al. 2006. *The 2005 World Health Organization Re-evaluation of Human and Mammalian Toxic Equivalency Factors For Dioxins/ and Dioxin-like compounds*

[4]Concentration based on simplified terrestrial ecological evaluation in WAC 173-340-7492 concentrations listed in Table 749-2 (unrestricted land use values).

Farallon = Farallon Consulting, L.L.C.
ng/kg = nanograms per kilogram
TEQ = Toxicity Equivalency Quotient

Table 7
Summary of Groundwater Analytical Results - Total Petroleum Hydrocarbons
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Monitoring Well	Sample Identification	Sampled By	Sample Date	Analytical Results (micrograms per liter)						
				DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethyl-benzene[3]	Xylenes[3]
MW-1	MW1-051711	Farallon	05/17/11	<250	<410	<100	<0.20	<1.0	<0.20	<0.60
MW-2	MW2-051711	Farallon	05/17/11	<290	<460	<100	0.23	3.5	1.1	8.0
MW-3	MW-3-112811	Farallon	11/28/11	<250	<410	<100	<0.20	<1.0	<0.20	<0.60
MTCA Method A Cleanup Levels for Groundwater[4]				**500**	**500**	**1,000**	**5**	**1,000**	**700**	**1,000**

NOTES:

< denotes analyte not detected at or above the reporting limit listed.

[1]Analyzed by Northwest Method NWTPH-Dx.

[2]Analyzed by Northwest Method NWTPH-Gx.

[3]Analyzed by U.S. Environmental Protection Agency Method 8260B.

[4]Washington State Model Toxics Control Act Cleanup Regulation Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised November 2007.

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

Farallon = Farallon Consulting, L.L.C.

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

Table 8
Summary of Groundwater Analytical Results - Volatile Organic Compounds
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Monitoring Well	Sample Identification	Sample Date	Analytical Results (micrograms per liter)[1]							
			Acetone	Carbon Disulfide	2-Butanone	Tetrachloroethene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	n-Propylbenzene	p-Isopropyltoluene
MW-1	MW1-051711	05/17/11	<5.0	1.8	<5.0	<0.20	<0.20	<0.20	<0.20	<0.20
MW-2	MW2-051711	05/17/11	29	0.61	14	0.78	0.93	0.48	0.25	0.50
MW-3	MW-3-112811	11/28/11	<5.0	<0.20	<5.0	<0.20	<0.20	<0.20	<0.20	<0.20
MTCA Method A Cleanup Levels for Groundwater [2]			**NE**	**NE**	**NE**	**5**	**NE**	**NE**	**NE**	**NE**
MTCA Method B (carcinogen) Cleanup Levels for Groundwater[3]			**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
Groundwater[3]			**7,200**	**800**	**4,800**	**80**	**80**	**-**	**800**	**-**

NOTES:

< denotes analyte not detected at or above the reporting limit listed.

MTCA = Washington State Model Toxics Control Act Cleanup Regulation

NE = not established

[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.

[2]Washington State Model Toxics Control Act Cleanup Regulation Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised November 2007.

[3]Washington State Model Toxics Control Act Cleanup Regulation Cleanup Levels and Risk Calculations, Standard Method B Values for Groundwater, https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx

Table 9
Summary of Groundwater Analytical Results - Semivolatile Organic Compounds
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Monitoring Well	Sample Identification	Sample Date	Analytical Results (micrograms per liter)[1]			
			2-Nitrophenol	4-Nitrophenol	bis(2-Ethylhexyl) phthalate	(3+4)-Methylphenol (m,p-Cresol)
MW-1	MW1-051711	05/17/11	<0.94	<0.94	<0.94	<0.94
MW-2	MW2-051711	05/17/11	5.0	3.0	2.9	<0.93
MW-3	MW-3-112811	11/28/11	<0.96	<0.96	<0.96	0.96
MTCA Method A Cleanup Levels for Groundwater [2]			**NE**	**NE**	**NE**	**NE**
MTCA Method B (carcinogen) Cleanup Levels for Groundwater[3]			**NE**	**NE**	**NE**	**NE**
MTCA Method B (non-carcinogen) Cleanup Levels for Groundwater[3]			**7,200**	**800**	**4,800**	**8**

NOTES:

< denotes analyte not detected at or above the reporting limit listed.

MTCA = Washington State Model Toxics Control Act Cleanup Regulation

NE = not established.

[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.

[2]Washington State Model Toxics Control Act Cleanup Regulation Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised November 2007.

[3]Washington State Model Toxics Control Act Cleanup Regulation Cleanup Levels and Risk Calculations, Standard Method B Values for Groundwater, https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx

Table 10
Summary of Groundwater Analytical Results - Metals
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Monitoring Well	Sample Identification	Sampled By	Sample Date	Analytical Results (micrograms per liter) [1]							
				Cadmium	Arsenic	Chromium	Copper	Lead	Mercury	Nickel	Zinc
MW-1	MW1-051711	Farallon	05/17/11	<4.4	**17**	<11	<11	<1.1	<0.50	<22	<28
MW-2	MW2-051711	Farallon	05/17/11	<4.4	**21**	<11	12	<1.1	<0.50	<22	<28
MW-3	MW-3-112811	Farallon	11/28/11	<4.0	**14**	36	52	**76**	<0.50	38	110
MTCA Method A Cleanup Levels for Groundwater [2]				**5**	**5**	**50**	**NE**	**15**	**2**	**NE**	**NE**

NOTES:

Results in **bold** denote concentrations above applicable cleanup levels.

Results highlighted in yellow denote that sample results exceed applicable Washington State Model Toxics Control Act Cleanup Regulation Method A cleanup levels for Groundwater.

< denotes analyte not detected at or above the laboratory reporting limit listed.

Farallon = Farallon Consulting, L.L.C.

NE = not established.

[1] Analyzed by U.S. Environmental Protection Agency Method 200.8/7470A

[2] Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended November 2007.

Table 11
Summary of Soil Analytical Results for Confirmation Soil Samples
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-006

Sample Identification	Sampled By	Sample Date	Sample Depth (feet)[1]	Analytical Results			
				Benzene[2] (mg/kg)	PCE[3] (mg/kg)	Total Lead[4] (mg/kg)	TCLP Lead[5] (mg/L)
B-4-043013-3.5	Farallon	04/30/13	3.5	<0.020	–	–	–
B-9-043013-21.0	Farallon	04/30/13	21.0	<0.020	<0.0013	–	–
B-24-043013-8.0	Farallon	04/30/13	8.0	–	–	<6.0	–
B-10-043013-12.0	Farallon	04/30/13	12.0	–	–	<6.8	–
B24/B10 TCLP-Pb	Farallon	04/30/13	8.0-12.0	–	–	–	<0.20
MTCA Method A Cleanup Levels for Soil[6]				**0.03**	**0.05**	**250**	**NA**

NOTES:

Results in **bold** denote concentrations above applicable cleanup levels.

< denotes analyte not detected at or above the reporting limit listed.

-- = not analyzed

mg/kg = milligrams per kilogram

mg/L = milligrams per liter

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8021B.

[3]Analyzed by U.S. Environmental Protection Agency Method 8260C.

[4]Analyzed by U.S. Environmental Protection Agency Method 6010C.

[5]Analyzed by U.S. Environmental Protection Agency Method 1311/6010C.

[6]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended November 2007.