



975 5th Avenue Northwest, Issaquah, Washington 98027
Tel: (425) 295-0800 Fax: (425) 295-0850
www.farallonconsulting.com

October 17, 2013

Ms. Sandra Caldwell
Washington State Department of Ecology
PO Box 47775
Olympia, Washington 98504-7775

**RE: CLOSURE REPORT
MJB SOUTH HYDRO FILL AREA
ANACORTES, WASHINGTON
FARALLON PN: 299-002**

Dear Ms. Caldwell:

Farallon Consulting, L.L.C. (Farallon) has prepared this Closure Report on behalf of MJB Properties, L.L.C. (MJB) to summarize the cleanup action completed in April 2013 at the South Hydro Fill Area property owned by MJB adjacent to Fidalgo Bay in Anacortes, Washington (herein referred to as the Property) (Figure 1). The cleanup action was performed in accordance with the letter regarding Soil Management Work Plan, MJB South Hydro Fill Area dated June 20, 2012, prepared by Farallon and approved by the Washington State Department of Ecology (Ecology) (Work Plan).

Previous subsurface investigations conducted by Farallon and others have confirmed the limited release of benzene, tetrachloroethene (PCE), and/or lead in soil at concentrations exceeding the Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A cleanup levels for unrestricted land uses. The releases are related to the presence of fill material placed on the Property during historical dredging activities in Fidalgo Bay and/or historical operations on the Property.

This Closure Report presents the analytical results of confirmation samples collected during cleanup activities to remediate several localized source areas with constituents of concern (COCs) in soil at concentrations the MTCA Method A cleanup levels in accordance with the provisions of Section 430 of Chapter 173-340 of the Washington Administrative Code (WAC 173-340-430). The cleanup activities were conducted during redevelopment of the Property and in compliance with threshold requirements of WAC 173-340-360 to protect human health and the environment, cleanup standards, and applicable state and federal laws. Cleanup activities were conducted in accordance with MTCA as an independent action under the direction of Ecology, and were conducted in a manner that is substantially equivalent to a remedial action conducted by Ecology.



BACKGROUND

The Property comprises approximately 12 acres of land that is undeveloped, with the exception of a boat ramp that was constructed in the central portion of the Property in 2010 (Figure 2). 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. During construction of the boat ramp in 2010, soil containing COCs at concentrations exceeding the regulatory screening level was excavated and disposed of off the Site in accordance with a soil management plan approved by Ecology.

The general Property stratigraphy comprises fill underlain by native clay, which is encountered at depths ranging from 1 to 28 feet below ground surface (bgs) on the west and east portions of the Hydraulic Fill Area, respectively. A shallow groundwater-bearing zone was encountered in the fill horizon at depths ranging from 7.5 to 24 feet bgs on the central and eastern portions of the Hydraulic Fill Area, respectively.

PREVIOUS INVESTIGATION SUMMARY

Multiple subsurface investigations have been conducted at the Property. 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 9.

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 2). Benzene, PCE, and/or lead were detected at concentrations exceeding MTCA Method A cleanup levels in soil samples collected from borings B-4, B-9, and B-10 (Figures 3 through 5). 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 below MTCA cleanup levels. No groundwater sampling was conducted during the 1991 investigation.

Based on the results of the 1991 investigation, Ecology identified the potential presence of COPCs, including petroleum products, metals, semi-volatile 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 Site in accordance with a soil management plan 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 3 groundwater monitoring wells (MW-1 through MW-3) (Figure 2). The additional investigation was requested by Ecology to address data gaps identified for the South Hydro Fill Area portion of the Site. 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 southwest portion of the Hydraulic Fill Area (Figure 5). 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. Analytical results for this follow-up sampling had been reported as non-detect at the laboratory practical quantitation limit (Figures 3 through 5). Soil samples collected from the remaining borings were reported either non-detect or below the MTCA cleanup levels for the COPCs (Figures 3 through 5).

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 installed in 2011 (Figure 8). 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 shallow soil, with concentrations of lead exceeding the MTCA Method A cleanup level in borings B-11 and B-24 (Figure 5). Arsenic was reported non-detect 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. The remaining COPCs tested for were reported either non-detect or below their respective MTCA cleanup levels.

Based on the results of the subsurface investigations, the 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.

CLEANUP ACTION APRIL 2013

The cleanup action completed at the Site on April 30, 2013 included excavation and off-site disposal of soil from the confirmed source areas in the fill horizon at prior borings B-4, B-9, B-10, and B-24 on the Hydraulic Fill Area where COPCs were present at concentrations exceeding MTCA Method A cleanup levels. Laboratory analytical results are provided in Attachment A.

EXCAVATION AREAS AND CONFIRMATION SOIL SAMPLING

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 (Figures 3 through 5). The excavations were conducted using a trackhoe excavator provided by MJB. Each excavation comprised an area of approximately 5 by 5 feet, and varied in depth depending on previous analytical results for soil samples collected from each boring. Based on previous analytical results and field observations, clean soil excavated at each location was segregated into temporary stockpiles and reused, if possible, as backfill in the completed



excavations. An appropriate clean backfill material selected by MJB was used to backfill the remainder of each excavation as needed.

The approximate excavation areas completed at borings B-4, B-9, B-10, and B-24 are shown on Figure 9. A confirmation soil sample was collected at the final limits of each excavation and analyzed for the specific COPC previously identified in the subsurface investigation to demonstrate that the cleanup level has been attained. The soil samples were collected according to the revised *Property Investigation Work Plan, MJB South Hydro Fill Area, Anacortes, Washington* dated May 2011, prepared by Farallon. One soil sample was collected from the bottom of each excavation when the maximum excavation depth was reached according to previous analytical results or field observations of potential contamination or when contact of the fill/native soil was made. Soil samples were collected directly from the center of the trackhoe excavator bucket and placed into laboratory-prepared containers. The samples were placed on ice in a cooler under standard chain-of-custody protocols and submitted for laboratory analysis on standard laboratory analytical turnaround time.

Excavation B-4

The excavation at boring B-4 was completed to a total depth of 3.5 feet bgs, and approximately 3.25 cubic yards of soil was excavated and disposed of off the Property as contaminated soil. A confirmation soil sample was collected at 3.5 feet bgs. The confirmation soil sample collected from excavation B-4 was submitted for laboratory analysis for benzene by U.S. Environmental Protection Agency (EPA) Method 8021B.

Excavation B-9

The excavation at boring B-9 was completed to a total depth of 21 feet bgs. Soil excavated between 15 to 21 feet bgs, an approximate volume of 6.5 cubic yards, was excavated and disposed of off the Property as contaminated soil. Soil excavated to a depth of 14 feet bgs had no field evidence of potential contamination, and was stockpiled and reused in combination with imported material to backfill the completed excavation. A confirmation soil sample was collected at 21 feet bgs. The soil sample collected from boring B-9 was submitted for laboratory analysis for benzene by EPA Method 8021B and PCE by EPA Method 8260B.

Excavation B-10

The excavation at boring B-10 was completed to a total depth of 12 feet bgs. Soil excavated from 7.5 to 12 feet bgs, an approximate volume of 2.31 cubic yards, was excavated and disposed of off the Property as contaminated soil. Soil excavated to a depth of 7.5 feet bgs had no field evidence of potential contamination, and was stockpiled and reused in combination with imported material to backfill the completed excavation. A confirmation soil sample was collected at 12 feet bgs. The soil sample collected from excavation B-10 was submitted for laboratory analysis for total lead by EPA Method 6000/7000 Series.



Excavation B-24

The excavation at boring B-24 was completed to a total depth of 8 feet bgs. Soil excavated between 1.5 to 8 feet bgs, an approximate volume of 6.0 cubic yards, was stockpiled for disposal off Property as contaminated soil. Soil excavated from the ground surface to 1.5 feet bgs had no field evidence of potential contamination, and was stockpiled and reused in combination with imported material to backfill the completed excavation. A confirmation soil sample was collected at 8 feet bgs. The soil samples collected from excavation B-24 was submitted for laboratory analysis for total lead by EPA Method 6000/7000 Series.

WASTE DISPOSAL

Approximately 26 tons of contaminated soil was excavated and transported off the Property to Republic Services Subtitle D Landfill in Roosevelt, Washington as directed by MJB. The waste disposal documentation from Republic Services is included in Attachment B.

ANALYTICAL RESULTS

The analytical results for the confirmation soil samples collected from excavations B-4, B-9, B-10, and B-24 are presented on Table 11. The four confirmation soil samples were reported non-detect at the laboratory PQL for the COCs tested. A composite soil sample collected from the stockpile for excavations B-10 and B-24 was submitted for laboratory analysis of toxicity characteristic leaching procedure (TCLP) lead for disposal purposes. The TCLP lead sample was reported non-detect at the laboratory PQL.

CONCLUSIONS AND REQUEST FOR NO FURTHER ACTION DETERMINATION

Excavation remediation activities and confirmation soil sampling were completed at prior boring locations B-4, B-9, B-10, and B-24 in accordance with the approved Work Plan. Approximately 18 cubic yards of soil was excavated and transported off the Property to a Subtitle D landfill for disposal as contaminated soil. The analytical results of confirmation soil samples collected at the limit of each excavation confirm that the cleanup levels were attained at the standard point of compliance for soil. The excavation remediation activities were successful in removing identified source areas for COCs on the Property. Based on the results of the cleanup action, MJB requests a Property-Specific No Further Action determination for the upland portion of the South Hydro Fill Area.



We trust this Closure Report provides sufficient information for Ecology. Please contact Riley Conkin at (425) 295-0800 if you have questions or require additional information.

Sincerely,

Farallon Consulting, L.L.C.

Lyndsey Needham, G.I.T.
Staff Geologist

J. Riley Conkin, L.G., L.H.G.
Principal Geologist

Attachments: Figure 1, *Property Vicinity Map*
Figure 2, *Property Plan*
Figure 3, *Property Plan Showing Soil Analytical Results for Total Petroleum Hydrocarbons*
Figure 4, *Property Plan Showing Soil Analytical Results for PCE, cPAHs, PCBs, and D/F TEQ*
Figure 5, *Property Plan Showing Soil Analytical Results for Metals*
Figure 6, *Property Plan Showing Groundwater Analytical Results for Total Petroleum Hydrocarbons*
Figure 7, *Property Plan Showing Groundwater Analytical Results for VOCs and SVOCs*
Figure 8, *Property Plan Showing Groundwater Analytical Results for Metals*
Figure 9, *Property Plan Showing 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, Semi-Volatile 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, Semi-Volatile Organic Compounds*
Table 10, *Summary of Groundwater Analytical Results, Metals*
Table 11, *Summary of Soil Analytical Results for Confirmation Soil Samples*

Attachment A, *Laboratory Analytical Report*
Attachment B, *Waste Disposal Documentation*

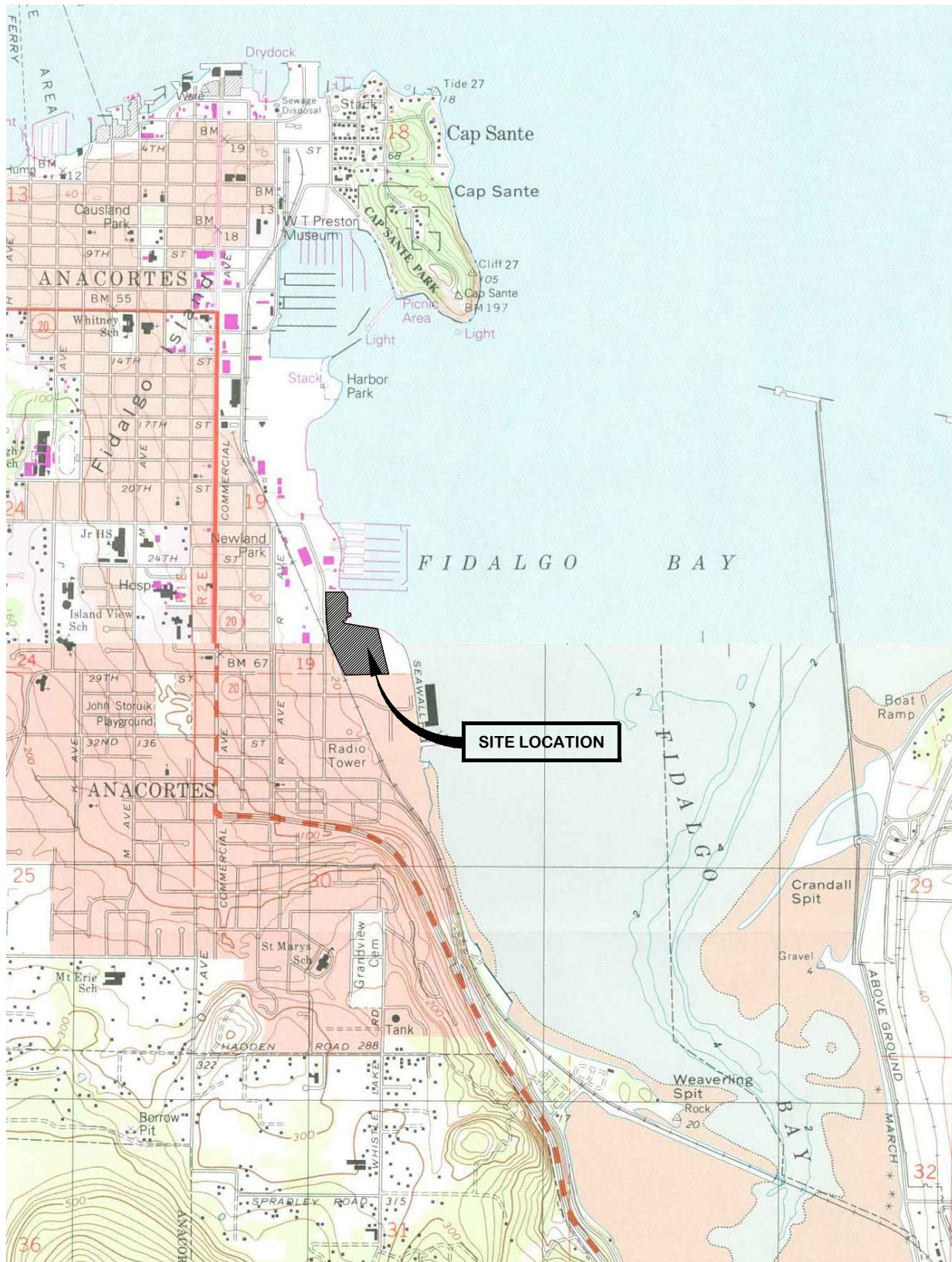
cc: Mr. Jimmy Blais, MJB (by e-mail)
Mr. William Joyce, Joyce Ziker Parkinson, PLLC (by e-mail)

LN/JRC:bjj

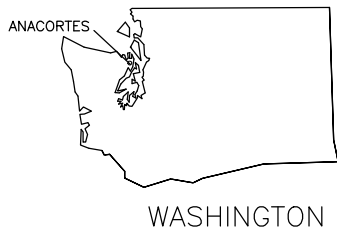
FIGURES

**CLOSURE REPORT
MJB South Hydro Fill Area
Anacortes, Washington**

Farallon PN: 299-002



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



FARALLON CONSULTING
 975 5th Avenue Northwest
 Issaquah, WA 98027

FIGURE 1

SITE VICINITY MAP
 MJB PROPERTIES PROPERTY PLAN
 ANACORTES, WASHINGTON

FARALLON PN: 299-002

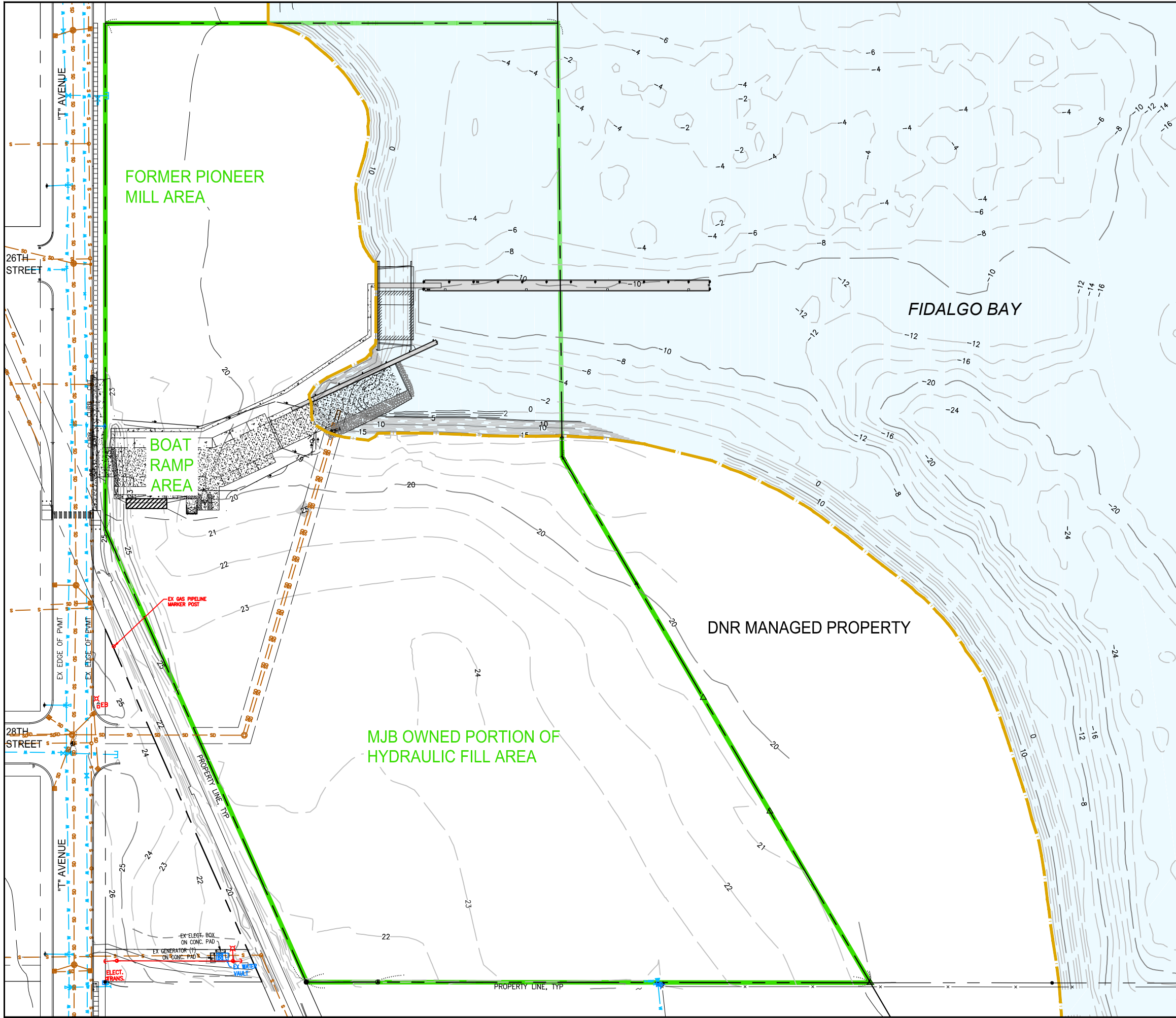
Drawn By: DEW

Checked By: DC

Date: 6/21/12

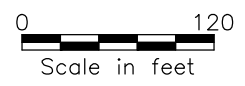
Disk Reference: 299002

P:\Projects\299 MJB Properties\299002 MJB South Hydro Fill Area\Drawings_Photos\299-002.dwg, 6/21/2012 12:28:05 PM



LEGEND

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



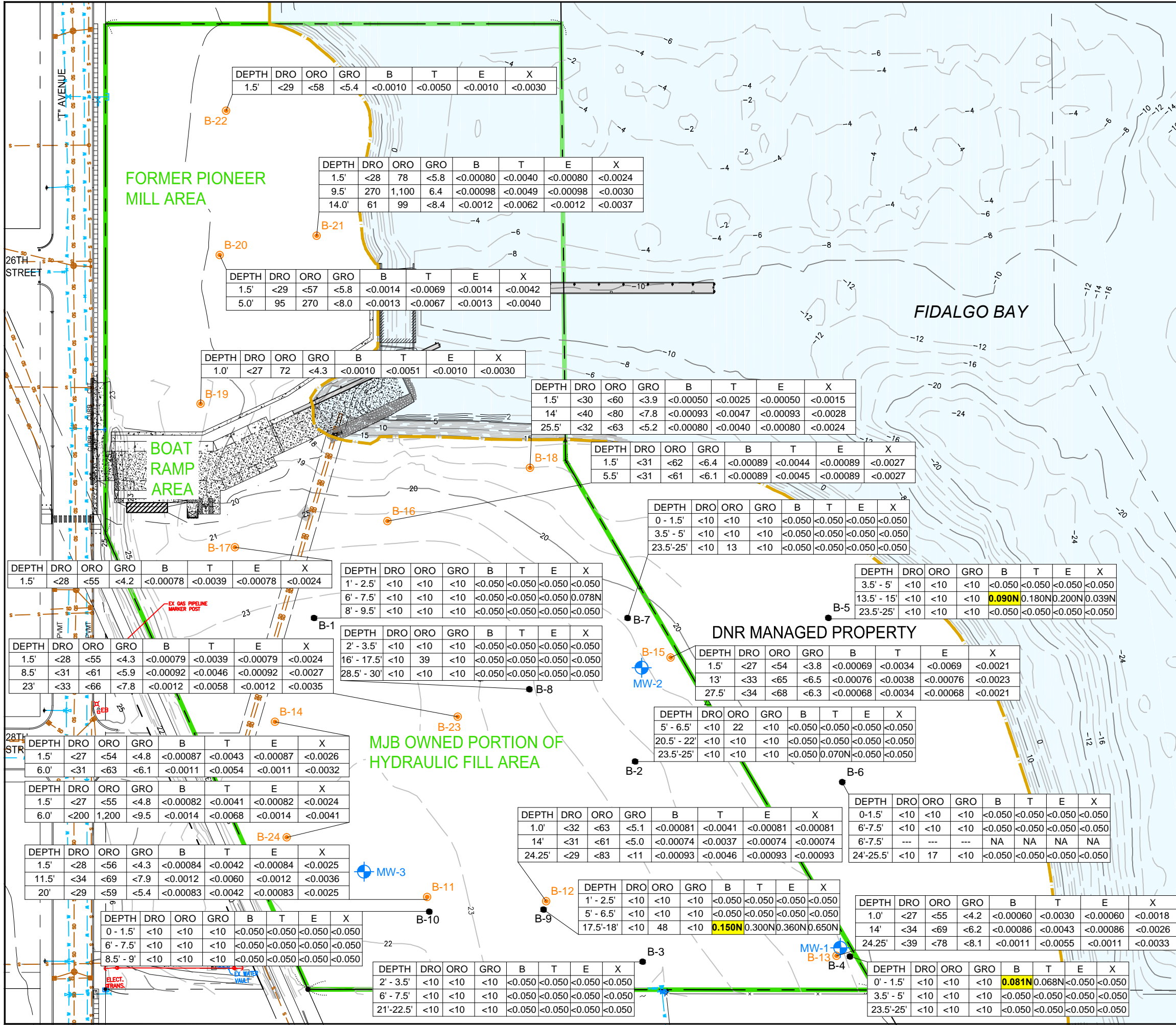
FARALLON CONSULTING
 975 5th Avenue Northwest
 Issaquah, WA 98027

FIGURE 2

MJB PROPERTIES PROPERTY PLAN
 ANACORTES, WASHINGTON

FARALLON PN: 299-002

Drawn By: DEW	Checked By: DC	Date: 6/20/12	Disk Reference: 299002
---------------	----------------	---------------	------------------------



LEGEND

- MJB PROPERTY
- PROPERTY BOUNDARY
- STORM DRAIN
- SANITARY SEWER LINE
- WATER LINE
- CONTOUR LINE
- TOP OF BANK
- CONCRETE BOAT RAMP
- MONITORING WELL
- BORING (FARALLON CONSULTING 2011)
- 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

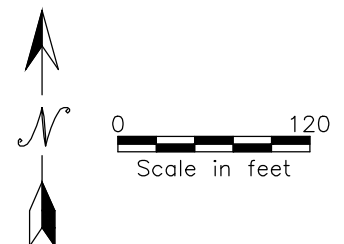


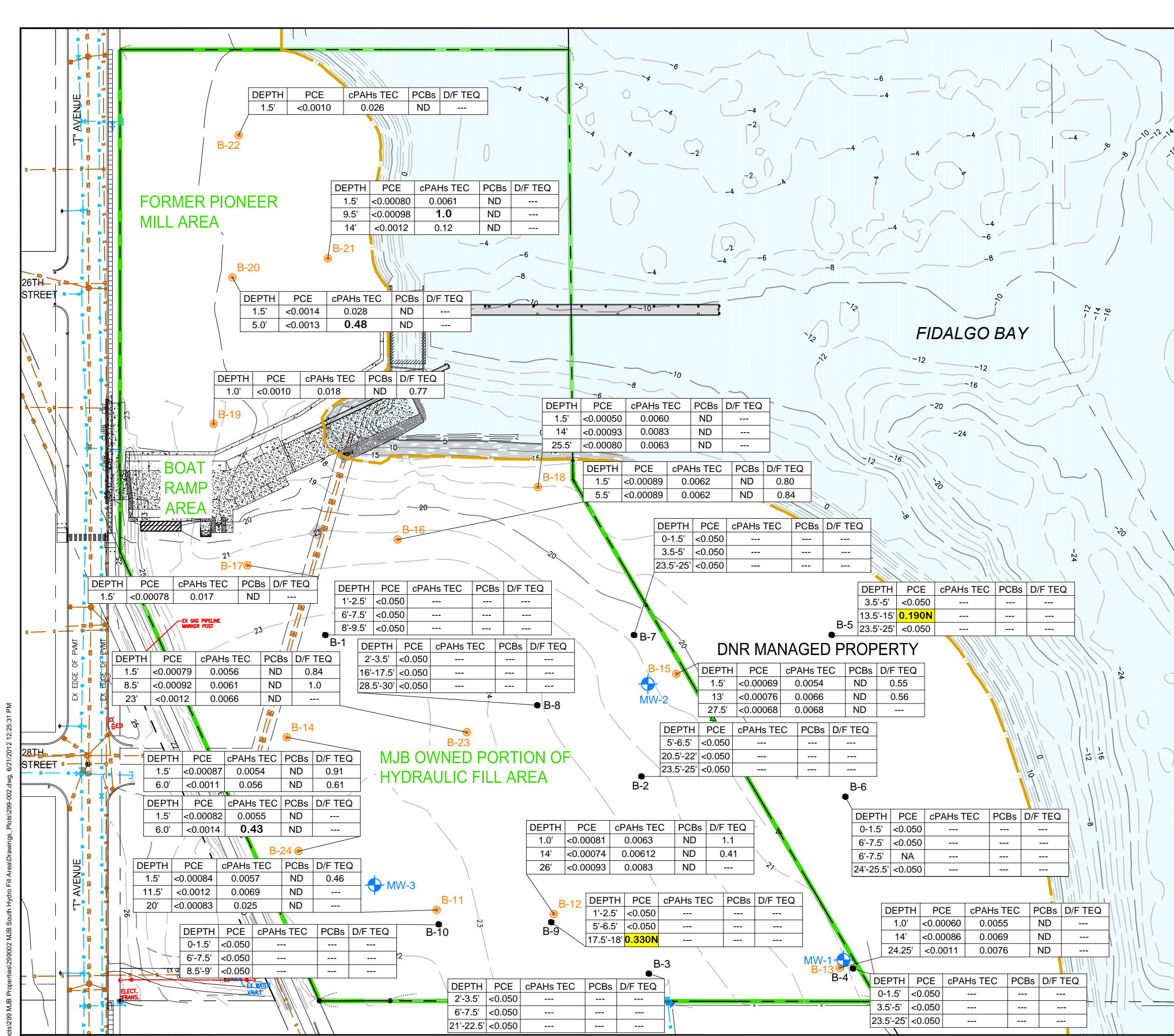
FIGURE 3

PROPERTY PLAN SHOWING SOIL ANALYTICAL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS MJB PROPERTIES PROPERTY PLAN ANACORTES, WASHINGTON

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

FARALLON PN: 299-002

Drawn By: DEW | Checked By: RC | Date: 5/15/12 | Disk Reference: 299002



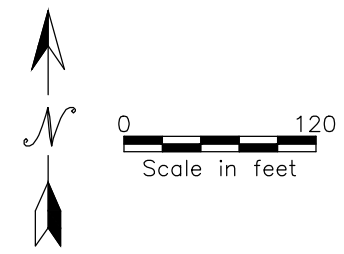
LEGEND


- MJB PROPERTY
- - - 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





FARALLON CONSULTING
 975 5th Avenue Northwest
 Issaquah, WA 98027

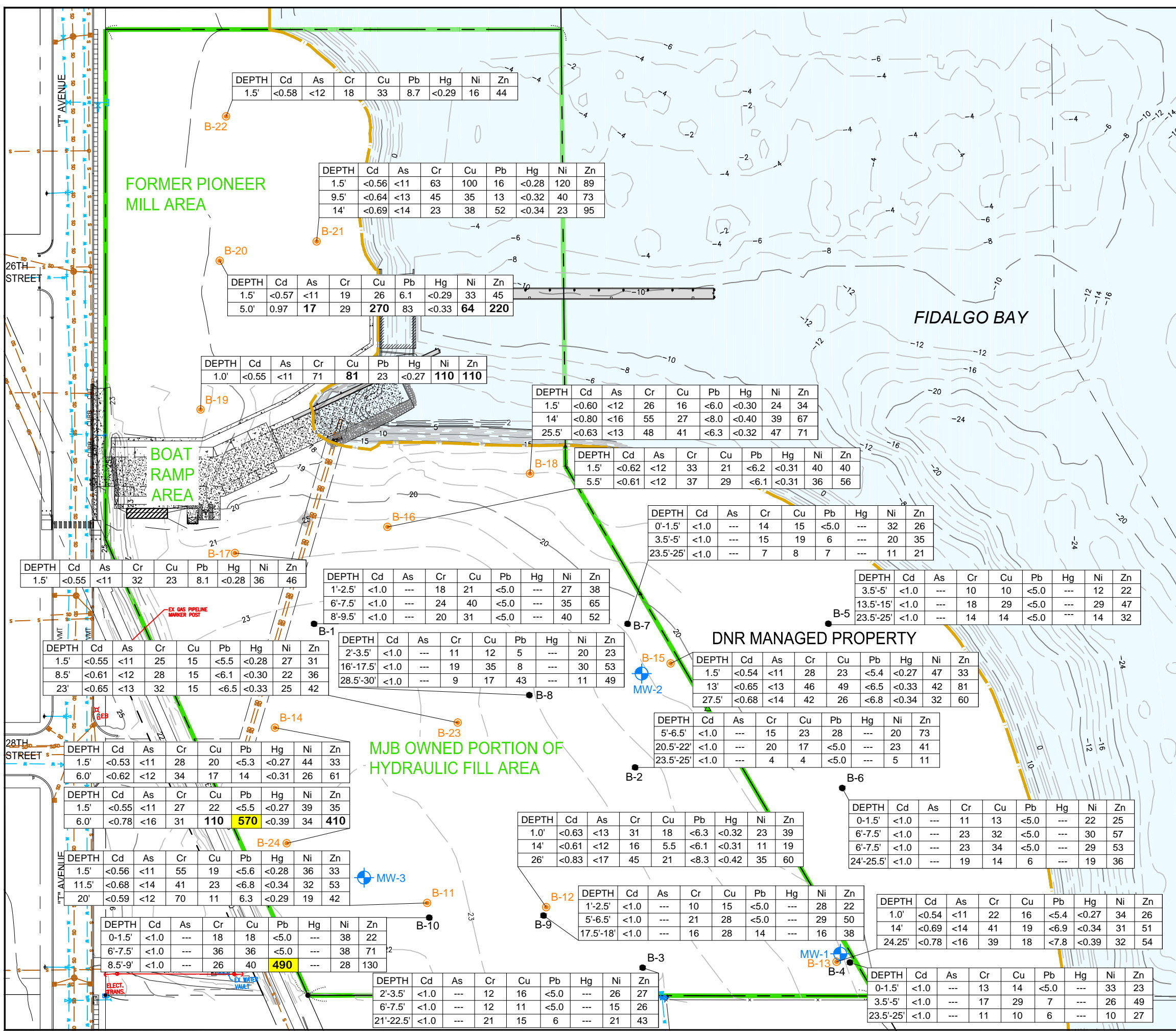
FIGURE 4

PROPERTY PLAN SHOWING
 SOIL ANALYTICAL RESULTS FOR
 PCE, cPAHs, PCBs, AND D/F TEQ
 MJB PROPERTIES PROPERTY PLAN
 ANACORTES, WASHINGTON

FARALLON PN: 299-002

Drawn By: DEW	Checked By: EE	Date: 5/15/12	Disk Reference: 299002
---------------	----------------	---------------	------------------------

P:\Projects\209 MJB Properties\299002 MJB South Hydro Fill Area\Drawings_Photos\299-002.dwg, 6/21/2012 12:25:05 PM



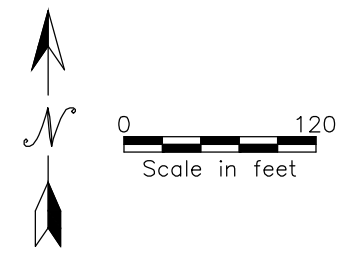
LEGEND

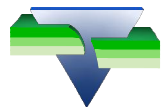
- MJB PROPERTY
- - - - - PROPERTY BOUNDARY
- s — s — STORM DRAIN
- s — s — SANITARY SEWER LINE
- v — v — WATER LINE
- 10 CONTOUR LINE
- TOP OF BANK
- CONCRETE BOAT RAMP
- MW-3 MONITORING WELL
- B-11 BORING (FARALLON CONSULTING 2011)
- B-2 BORING (HART CROWSER 1991)

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 (MTC) METHOD A CLEANUP LEVELS
 < = INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT
 --- = NOT ANALYZED
 ND = NOT DETECTED





FARALLON CONSULTING
 975 5th Avenue Northwest
 Issaquah, WA 98027

FIGURE 5

PROPERTY PLAN SHOWING
 SOIL ANALYTICAL RESULTS FOR
 METALS
 MJB PROPERTIES PROPERTY PLAN
 ANACORTES, WASHINGTON

FARALLON PN: 299-002

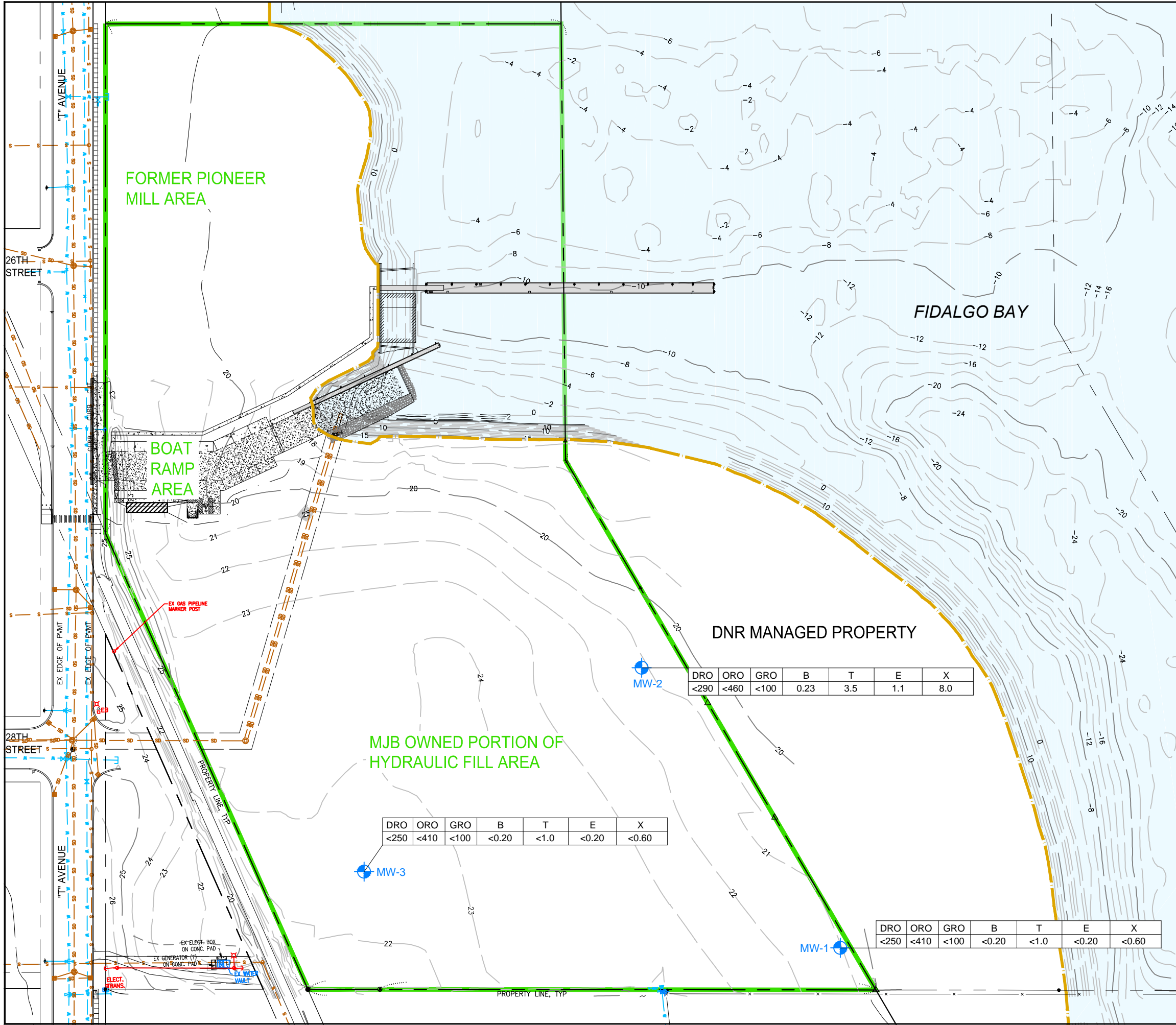
Drawn By: DEW

Checked By: EE

Date: 5/15/12

Disk Reference: 299002

P:\Projects\299 MJB Properties\299002 MJB South Hydro Fill Area\Drawings_Photos\299-002.dwg, 6/21/2012 12:24:43 PM



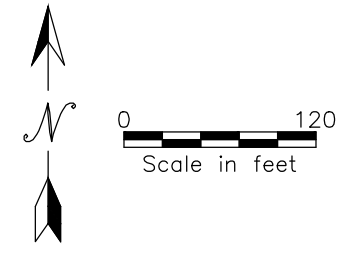
LEGEND

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



MW-2


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

MW-3

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

MW-1

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



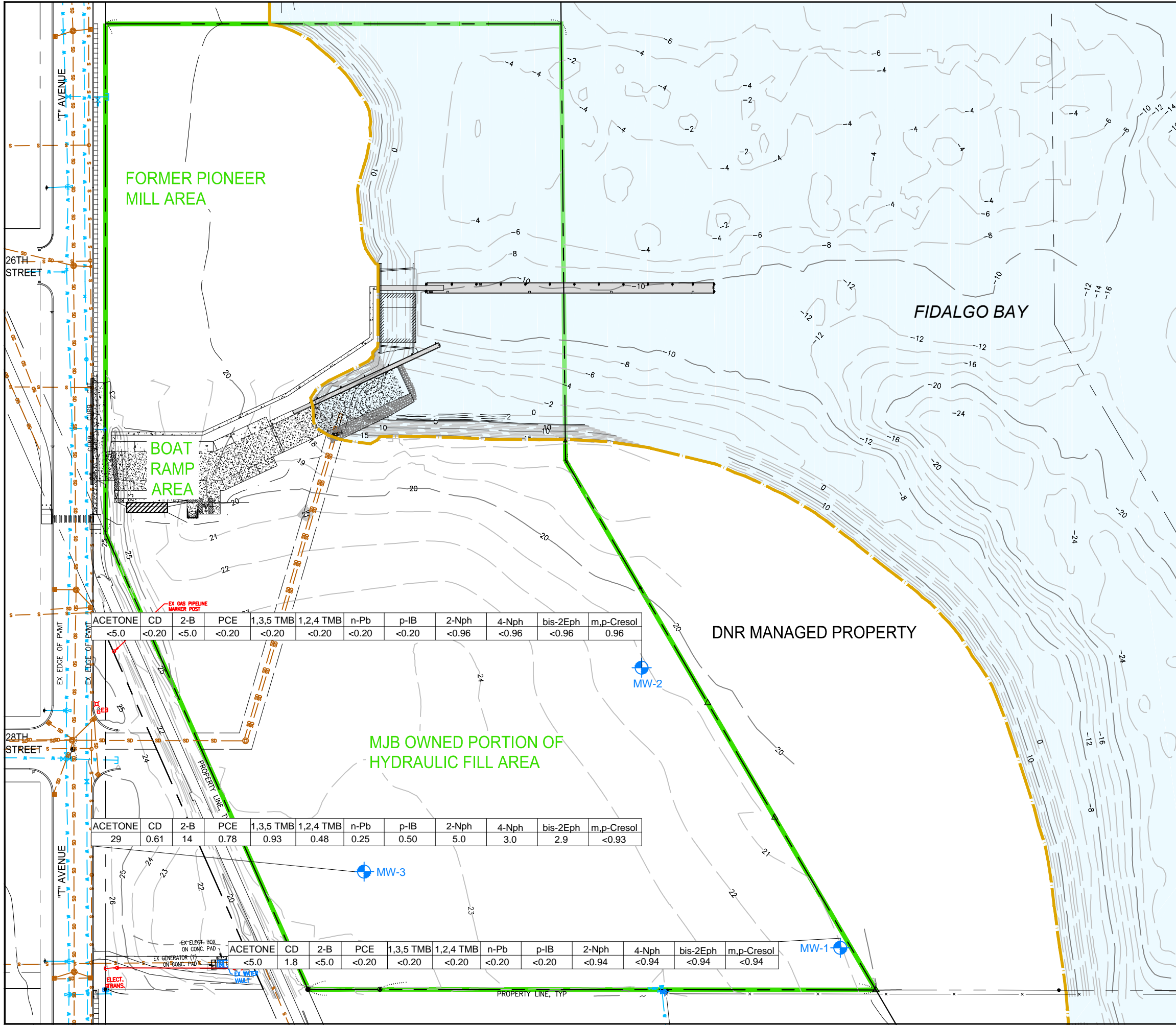
FARALLON CONSULTING
 975 5th Avenue Northwest
 Issaquah, WA 98027

FIGURE 6

PROPERTY PLAN SHOWING
 GROUNDWATER ANALYTICAL RESULTS
 TOTAL PETROLEUM HYDROCARBONS
 MJB PROPERTIES PROPERTY PLAN
 ANACORTES, WASHINGTON

FARALLON PN: 299-002

Drawn By: DEW
Checked By: EE
Date: 5/12/12
Disk Reference: 299002

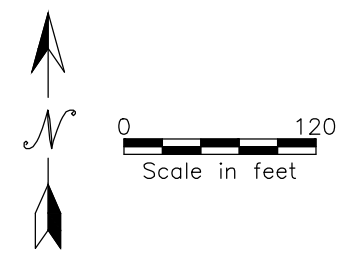


LEGEND

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



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
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	1.8	<5.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.94	<0.94	<0.94	<0.94

FARALLON CONSULTING
 975 5th Avenue Northwest
 Issaquah, WA 98027

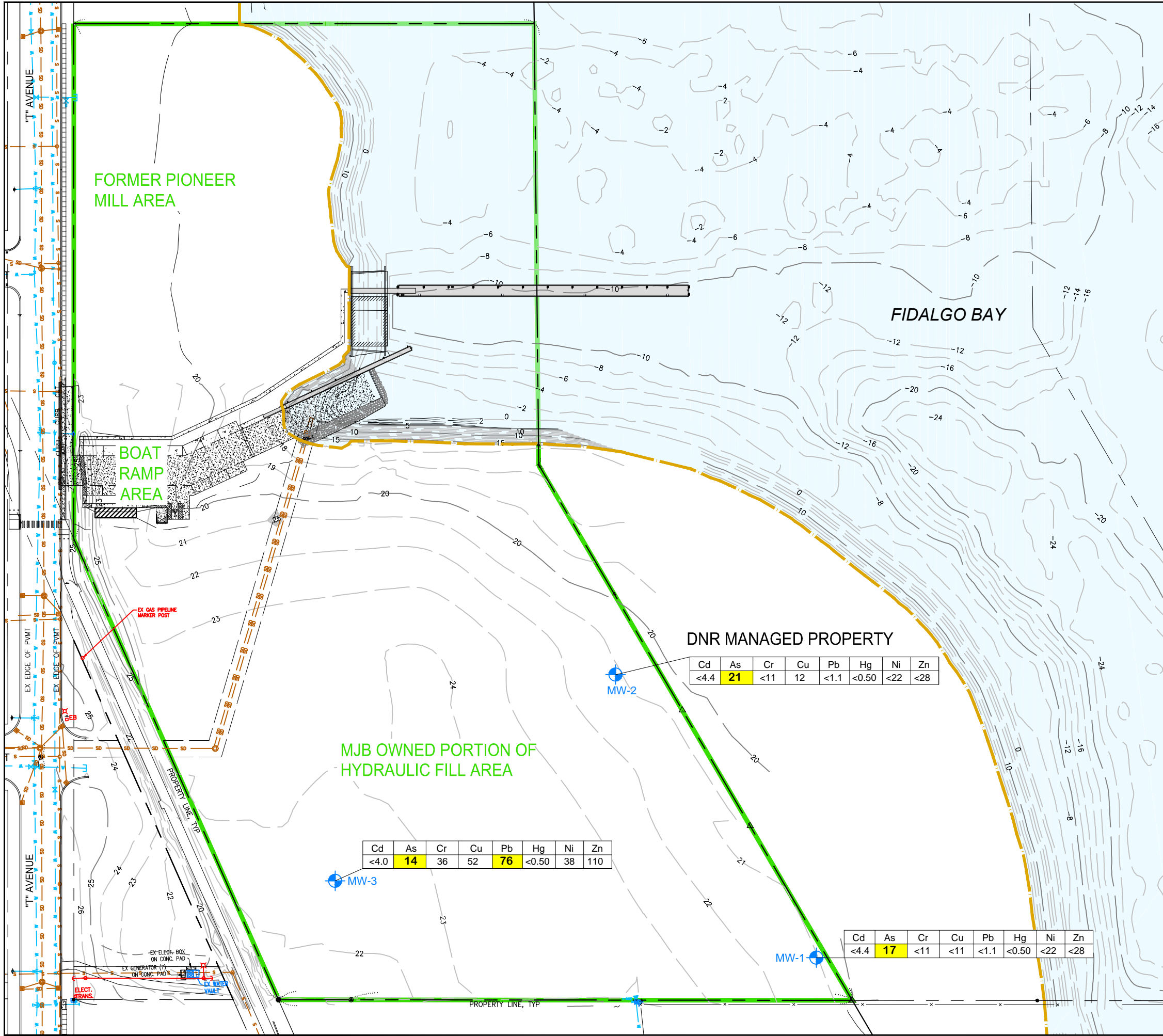
FIGURE 7

PROPERTY PLAN SHOWING
 GROUNDWATER ANALYTICAL RESULTS FOR
 VOCs AND SVOCs
 MJB PROPERTIES PROPERTY PLAN
 ANACORTES, WASHINGTON

FARALLON PN: 299-002

Drawn By: DEW | Checked By: EE | Date: 5/12/12 | Disk Reference: 299002

P:\Projects\299 MJB Properties\299002 MJB South Hydro Fill Area\Drawings_Photos\299-002.dwg, 6/21/2012 12:23:56 PM



LEGEND

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

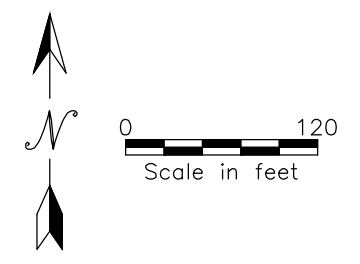
GROUNDWATER ANALYTICAL RESULTS IN MICROGRAMS PER LITER

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




DNR MANAGED PROPERTY

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

MJB OWNED PORTION OF HYDRAULIC FILL AREA

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



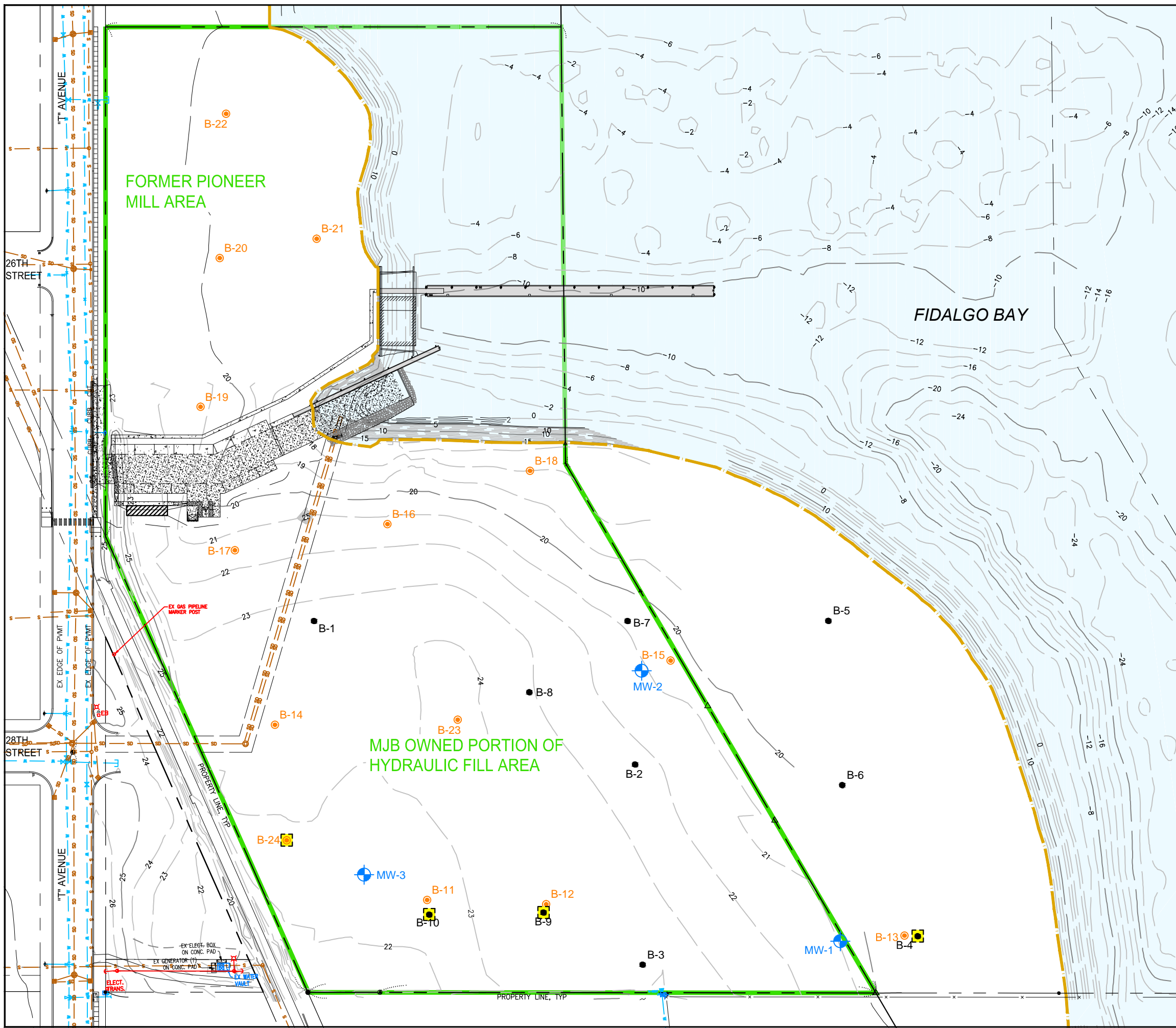
FARALLON CONSULTING
 975 5th Avenue Northwest
 Issaquah, WA 98027

FIGURE 8

PROPERTY PLAN SHOWING
 GROUNDWATER ANALYTICAL RESULTS FOR
 METALS
 MJB PROPERTIES PROPERTY PLAN
 ANACORTES, WASHINGTON

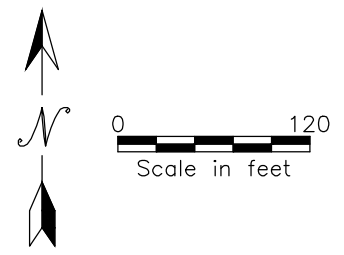
FARALLON PN: 299-002

Drawn By: DEW
Checked By: EE
Date: 5/12/12
Disk Reference: 299002



LEGEND

- MJB PROPERTY
- PROPERTY BOUNDARY
- STORM DRAIN
- SANITARY SEWER LINE
- WATER LINE
- 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




FARALLON CONSULTING
 975 5th Avenue Northwest
 Issaquah, WA 98027

FIGURE 9
 PROPERTY PLAN SHOWING
 COMPLETED EXCAVATION AREAS
 MJB PROPERTIES PROPERTY PLAN
 ANACORTES, WASHINGTON

FARALLON PN: 299-002

TABLES

**CLOSURE REPORT
MJB South Hydro Fill Area
Anacortes, Washington**

Farallon PN: 299-002

Table 1
Summary Soil Analytical Results - Total Petroleum Hydrocarbons
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-002

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	Ethylbenzene 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 Soil³					2,000	2,000	100/30⁴	0.03	7	6	9

Table 1
Summary Soil Analytical Results - Total Petroleum Hydrocarbons
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-002

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	<0.00069	<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 Soil³					2,000	2,000	100/30⁴	0.03	7	6	9

Table 1
Summary Soil Analytical Results - Total Petroleum Hydrocarbons
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-002

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 Soil⁶					2,000	2,000	100/30⁷	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.

¹Depth in feet below ground surface.

²Soil 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.

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

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

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

⁶Washington 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.

⁷Cleanup level when benzene is present.

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

Table 2
Summary of Soil Analytical Results - Volatile Organic Compounds
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-002

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					0.05³	0.03³	1,600⁴	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: 299-002

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					0.05³	0.03³	1,600⁴	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: 299-002

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					0.05³	0.03³	1,600⁴	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.

¹Depth in feet below ground surface.

²Soil 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.

³Washington 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.

⁴Washington 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: 299-002

Sample Location	Sample Identification	Sample Date	Sample Depth (feet) ¹	Analytical Results (milligrams per kilogram) ^{2,3}																			Total cPAHs TEC ⁴					
				Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	Bis(2-Ethylhexyl)phthalate	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(e)pyrene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	Benzo(g,h,i)perylene						
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	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	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	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	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	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	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	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	<0.0075	<0.0075	<0.0075	<0.0075	<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	<0.0091	<0.0091	<0.0091	<0.0091	<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	<0.0078	0.062	<0.0078	0.062	0.090	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	<0.0084	<0.0084	<0.0084	<0.0084	<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	<0.0081	<0.0081	<0.0081	<0.0081	<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	<0.011	<0.011	<0.011	<0.011	<0.011	<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	<0.0073	<0.0073	<0.0073	<0.0073	<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	<0.0092	<0.0092	<0.0092	<0.0092	<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	<0.010	<0.010	<0.010	<0.010	<0.010	<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	<0.0071	<0.0071	<0.0071	<0.0071	<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	0.054	<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	<0.0072	<0.0072	<0.0072	<0.0072	<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	<0.0087	<0.0087	<0.0087	<0.0087	<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	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<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	<0.0082	<0.0082	<0.0082	<0.0082	<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	<0.0082	<0.0082	<0.0082	<0.0082	<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	<0.0080	0.10	<0.0080	<0.0080	<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	<0.011	<0.011	<0.011	<0.011	<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	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<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	0.061					
	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	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	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: 299-002

Sample Location	Sample Identification	Sample Date	Sample Depth (feet) ¹	Analytical Results (milligrams per kilogram) ^{2,3}																			Total cPAHs TEC ⁴			
				Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	bs(2-Ethylhexyl)phthalate	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(e)pyrene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	Benzo(g,h,i)perylene				
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	<0.0074	<0.0074	<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	<0.0081	<0.0081	<0.0081	<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	<0.0087	<0.0087	<0.0087	<0.0087	<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	<0.0073	<0.0073	<0.0073	<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	<0.010	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.
¹Depth in feet below ground surface.
²The 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
³Analytical results shown are limited to samples with concentrations detected above the associated laboratory practical quantitation limits.
⁴Total carcinogenic polycyclic aromatic hydrocarbons derived using the total toxicity equivalency method in Section 708(8) of Chapter 173-340 of the Washington Administrative Code.
⁵Washington 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.
⁶Washington 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>
⁷Washington 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>
 cPAHs = carcinogenic polycyclic aromatic hydrocarbons
 NA = analytical results not available
 TEC = toxic equivalent concentration

Table 4
Summary of Soil Analytical Results - Metals
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-002

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	117⁷	52.9⁷	220	0.13⁷	54.2⁷	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: 299-002

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	117⁷	52.9⁷	220	0.13⁷	54.2⁷	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: 299-002

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.

¹Depth in feet below ground surface.

²Soil 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.

³Washington 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.

⁴Washington 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.

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

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

⁷The 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).

Farallon = Farallon Consulting, L.L.C.

NA = analytical results not available

NE = not established

Table 5
Summary Soil Analytical Results - Polychlorinated Biphenyls
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-002

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	
	B11-051011-20			20	<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	
	B12-051011-26			26	<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	
	B13-051011-24.25			24.25	<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	
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	
	B15-051111-27.5			27.5	<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	
B-17	B17-051011-1.5	Farallon	05/10/11	1.5	<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	
	B18-051111-25.5			25.5	<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 Soil³					NE	NE	NE	NE	NE	NE	NE
MTCA Method B Cleanup Levels for Soil⁴					5.6	NE	NE	NE	NE	0.5	0.5

Table 5
Summary Soil Analytical Results - Polychlorinated Biphenyls
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-002

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	
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.

¹Depth in feet below ground surface.

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

³Washington 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.

⁴Washington 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>

Farallon = Farallon Consulting, L.L.C.

NE = not established.

Table 6
Summary of Soil Analytical Results - Dioxins and Furans
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-002

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-Ecological⁴					5
Screening Level for Total Furans- Ecological⁴					3.0
Screening Level for Total Dioxins/Furans Industrial					1,460

NOTES:

¹Depth in feet below ground surface.

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

³Per MTCA (WAC 173-340-708[8][D]), 7 chlorinated dibenzo-p-dioxins (CDDs) and 10 chlorinated dibenzofuran congeners (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.*

⁴Concentration 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
Groundwater Soil Analytical Results - Total Petroleum Hydrocarbons
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-002

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 Groundwater⁴				500	500	1,000	5	1,000	700	1,000

NOTES:

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

¹Analyzed by Northwest Method NWTPH-Dx.

²Analyzed by Northwest Method NWTPH-Gx.

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

⁴Washington 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 Soil Analytical Results - Volatile Organic Compounds
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-002

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 Groundwater²			NE	NE	NE	5	NE	NE	NE	NE
MTCA Method B (carcinogen) Cleanup Levels for Groundwater³			NE	NE	NE	NE	NE	NE	NE	NE
Groundwater³			7,200	800	4,800	80	80	-	800	-

NOTES:

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

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

²Washington 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.

³Washington 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>

MTCA = Washington State Model Toxics Control Act Cleanup Regulation
 NE = not established

Table 9
Summary of Groundwater Analytical Results - Semivolatile Organic Compounds
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-002

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 Groundwater²			NE	NE	NE	NE
MTCA Method B (carcinogen) Cleanup Levels for Groundwater³			NE	NE	NE	NE
MTCA Method B (non-carcinogen) Cleanup Levels for Groundwater³			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

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

NE = not established.

²Washington 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.

³Washington 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: 299-002

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.

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

²Washington 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.

Farallon = Farallon Consulting, L.L.C.

NE = not established.

Table 11
Summary Soil Analytical Results for Confirmation Soil Samples
MJB South Hydro Fill Area
Anacortes, Washington
Farallon PN: 299-002

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 Soil⁶				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

¹Depth in feet below ground surface.

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

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

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

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

⁶Washington 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

**ATTACHMENT A
LABORATORY ANALYTICAL REPORT**

CLOSURE REPORT
MJB South Hydro Fill Area
Anacortes, Washington

Farallon PN: 299-002



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 7, 2013

Riley Conkin
Farallon Consulting, LLC
Queen Anne Square East Bldg.
200 West Mercer Street, Suite 302
Seattle, WA 98119

Re: Analytical Data for Project 299-002
Laboratory Reference No. 1304-222

Dear Riley:

Enclosed are the analytical results and associated quality control data for samples submitted on April 30, 2013.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: May 7, 2013
Samples Submitted: April 30, 2013
Laboratory Reference: 1304-222
Project: 299-002

Case Narrative

Samples were collected on April 30, 2013 and received by the laboratory on April 30, 2013. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Benzene EPA 8021B and PCE by EPA 8260C Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

TCLP Lead EPA 1311/6010C Analysis

For sample B24/B10 TCLP-Pb, a composite was made from the three jars.

Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 7, 2013
 Samples Submitted: April 30, 2013
 Laboratory Reference: 1304-222
 Project: 299-002

**BENZENE
 EPA 8021B**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-4-043013-3.5					
Laboratory ID:	04-222-03					
Benzene	ND	0.020	EPA 8021B	4-30-13	4-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	115	70-132				
Client ID:	B-9-043013-21.0					
Laboratory ID:	04-222-04					
Benzene	ND	0.020	EPA 8021B	4-30-13	4-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	116	70-132				

Date of Report: May 7, 2013
 Samples Submitted: April 30, 2013
 Laboratory Reference: 1304-222
 Project: 299-002

**BENZENE
 EPA 8021B
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0430S1					
Benzene	ND	0.020	EPA 8021B	4-30-13	4-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>		<i>Control Limits</i>			
<i>Fluorobenzene</i>	93	70-132				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-222-03							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				115	111	70-132		

SPIKE BLANKS

Laboratory ID:	SB0430S1								
	SB	SBD	SB	SBD	SB	SBD			
Benzene	0.945	1.01	1.00	1.00	95	101	71-125	7	11
<i>Surrogate:</i>									
<i>Fluorobenzene</i>					86	92	70-132		

Date of Report: May 7, 2013
 Samples Submitted: April 30, 2013
 Laboratory Reference: 1304-222
 Project: 299-002

PCE by EPA 8260C

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-9-043013-21.0					
Laboratory ID:	04-222-04					
Tetrachloroethene	ND	0.0013	EPA 8260C	5-1-13	5-1-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>110</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>110</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>52-125</i>				

Date of Report: May 7, 2013
 Samples Submitted: April 30, 2013
 Laboratory Reference: 1304-222
 Project: 299-002

**PCE by EPA 8260C
 METHOD BLANK QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0501S1					
Tetrachloroethene	ND	0.0010	EPA 8260C	5-1-13	5-1-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>111</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>114</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>111</i>	<i>52-125</i>				

Date of Report: May 7, 2013
 Samples Submitted: April 30, 2013
 Laboratory Reference: 1304-222
 Project: 299-002

PCE by EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
SPIKE BLANKS										
Laboratory ID:	SB0501S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0490	0.0479	0.0500	0.0500	98	96	65-141	2	15	
Benzene	0.0482	0.0477	0.0500	0.0500	96	95	69-121	1	15	
Trichloroethene	0.0473	0.0463	0.0500	0.0500	95	93	75-120	2	15	
Toluene	0.0471	0.0468	0.0500	0.0500	94	94	75-120	1	15	
Chlorobenzene	0.0477	0.0478	0.0500	0.0500	95	96	75-120	0	15	
<i>Surrogate:</i>										
Dibromofluoromethane					103	101	63-127			
Toluene-d8					107	103	65-129			
4-Bromofluorobenzene					102	100	52-125			

Date of Report: May 7, 2013
 Samples Submitted: April 30, 2013
 Laboratory Reference: 1304-222
 Project: 299-002

**TOTAL LEAD
 EPA 6010C**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	04-222-01					
Client ID:	B-24-043013-8.0					
Lead	ND	6.0	6010C	5-3-13	5-3-13	
Lab ID:	04-222-02					
Client ID:	B-10-043013-12.0					
Lead	ND	6.8	6010C	5-3-13	5-3-13	

Date of Report: May 7, 2013
Samples Submitted: April 30, 2013
Laboratory Reference: 1304-222
Project: 299-002

**TOTAL LEAD
EPA 6010C
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-3-13
Date Analyzed: 5-3-13

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0503SM1

Analyte	Method	Result	PQL
Lead	6010C	ND	5.0

Date of Report: May 7, 2013
Samples Submitted: April 30, 2013
Laboratory Reference: 1304-222
Project: 299-002

**TOTAL LEAD
EPA 6010C
DUPLICATE QUALITY CONTROL**

Date Extracted: 5-3-13

Date Analyzed: 5-3-13

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 04-222-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	ND	ND	NA	5.0	

Date of Report: May 7, 2013
Samples Submitted: April 30, 2013
Laboratory Reference: 1304-222
Project: 299-002

**TOTAL LEAD
EPA 6010C
MS/MSD QUALITY CONTROL**

Date Extracted: 5-3-13

Date Analyzed: 5-3-13

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 04-222-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	237	95	238	95	1	

Date of Report: May 7, 2013
 Samples Submitted: April 30, 2013
 Laboratory Reference: 1304-222
 Project: 299-002

TCLP LEAD
by EPA 1311/6010C

Matrix: TCLP Extract
 Units: mg/L (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	04-222-05 Comp.					
Client ID:	B24/B10 TCLP-Pb					
Lead	ND	0.20	6010C	5-2-13	5-2-13	

Date of Report: May 7, 2013
Samples Submitted: April 30, 2013
Laboratory Reference: 1304-222
Project: 299-002

TCLP LEAD
by EPA 1311/6010C
METHOD BLANK QUALITY CONTROL

Date Prepared: 5-1-13
Date Extracted: 5-2-13
Date Analyzed: 5-2-13

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: MB0502T1

Analyte	Method	Result	PQL
Lead	6010C	ND	0.20

Date of Report: May 7, 2013
Samples Submitted: April 30, 2013
Laboratory Reference: 1304-222
Project: 299-002

TCLP LEAD
by EPA 1311/6010C
DUPLICATE QUALITY CONTROL

Date Prepared: 5-1-13

Date Extracted: 5-2-13

Date Analyzed: 5-2-13

Matrix: TCLP Extract

Units: mg/L (ppm)

Lab ID: 04-132-08

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	ND	ND	NA	0.20	

Date of Report: May 7, 2013
Samples Submitted: April 30, 2013
Laboratory Reference: 1304-222
Project: 299-002

TCLP LEAD
by EPA 1311/6010C
MS/MSD QUALITY CONTROL

Date Prepared: 5-1-13

Date Extracted: 5-2-13

Date Analyzed: 5-2-13

Matrix: TCLP Extract

Units: mg/L (ppm)

Lab ID: 04-132-08

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	10.0	9.51	95	9.55	95	0	

Date of Report: May 7, 2013
Samples Submitted: April 30, 2013
Laboratory Reference: 1304-222
Project: 299-002

% MOISTURE

Date Analyzed: 4-30&5-3-13

Client ID	Lab ID	% Moisture
B-24-043013-8.0	04-222-01	16
B-10-043013-12.0	04-222-02	26
B-4-043013-3.5	04-222-03	22
B-9-043013-21.0	04-222-04	33



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
 - B - The analyte indicated was also found in the blank sample.
 - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
 - E - The value reported exceeds the quantitation range and is an estimate.
 - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
 - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
 - I - Compound recovery is outside of the control limits.
 - J - The value reported was below the practical quantitation limit. The value is an estimate.
 - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
 - L - The RPD is outside of the control limits.
 - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
 - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
 - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
 - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
 - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
 - P - The RPD of the detected concentrations between the two columns is greater than 40.
 - Q - Surrogate recovery is outside of the control limits.
 - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
 - T - The sample chromatogram is not similar to a typical _____.
 - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
 - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
 - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
 - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
 - X - Sample extract treated with a mercury cleanup procedure.
 - X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
 - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
 - Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference



MVA Onsite Environmental Inc.

Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Turnaround Request
(in working days)
(Check One)

Same Day 1 Day

2 Days 3 Days

Standard (7 Days)
(TPH analysis 5 Days)

(other) _____

Laboratory Number: **04-222**

Company: **Fanadon**
Project Number: **299-202**
Project Name: **South Hydro Fill Area**
Project Manager: **Riley Conker**
Sampled by: **Erin Miller - Hubaux**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix
1	B-24-043013-BD	4/11/13	1220	Soil
2	B-10-043013-12.0		1140	
3	B-4-043013-2.5		1110	
4	B-9-043013-21.0		1000	
5	B24/B10/SLP-Pb		1557	

Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals/ MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664A
1															
1															
2		X													
4		X													
3															

Total Lead by 6000/1000
TCLP-Lead

Signature	Company	Date	Time	Comments/Special Instructions
<i>[Signature]</i>	Fanadon	4/10/13	1423	* Please create composite sample for TCLP-Pb of the 3 of 2 jars
<i>[Signature]</i>	OSTOIC	4/30/13	1423	

Received _____

Relinquished _____

Received _____

Relinquished _____

Received _____

Relinquished _____

Reviewed/Date _____

Reviewed/Date _____

Chromatograms with final report

Data Package: Level III Level IV

Electronic Data Deliverables (EDDs)

ATTACHMENT B
WASTE DISPOSAL DOCUMENTATION

CLOSURE REPORT
MJB South Hydro Fill Area
Anacortes, Washington

Farallon PN: 299-002

REGIONAL DISPOSAL COMPANY INTERMODAL
PO BOX 51057

LOS ANGELES, CA 90074-1057
(206) 332-7731

JUN 19 2013

INVOICE

TO: Gary Merlino
9125 10th Ave. S.
Seattle, WA 98108

INVOICE NO. 004423
PAGE 1
DATE Jun-15-13
CUSTOMER NO. 011105
SITE NO. \$990.61
REFERENCE NO.

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY	AMOUNT
07 Jun	VG	(0024) Gary Merlino #LW-13295 2801 T Ave., Anacortes, Seattle WA SW-CONT SOIL Vehicle: SOIL Contract: LW-13295 Reference: BT 222132 167 GM Receiving Number: YD ----- Material Summary ----- SW-CONT SOIL	01 - 638090 0	25.73 TN	\$990.61
				25.73 TN	\$990.61

JOB # 2013-512-
COST CODE # 10-099-0001
COST CATEGORY (CIRCLE ONE)
 MAT MTX MTU SUB EQR OTH
PM BA DATE 6/25/13

Account Status

Payment due upon receipt of this invoice. 1.5% per month (18% per annum) late charge on balances over 30 days from date of invoice.
Payments received after invoice date are not reflected.
To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment.

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS
\$21,094.97	\$0.00	\$0.00	\$0.00

TOTAL THIS INVOICE

\$990.61

PLEASE PAY THIS AMOUNT

\$21,094.97

We reserve the right to suspend service without notice on any past due account.

Please remit to:

INVOICE NO. 004423 REGIONAL DISPOSAL COMPANY INTERMODAL
PAGE 1 PO BOX 51057
DATE Jun-15-13 LOS ANGELES, CA 90074-1057
CUSTOMER NO. 011105
SITE NO.
REFERENCE NO.

AMOUNT OF REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REMARKS

*** Please reference your invoice number on each check stub ***

For Billing Inquiries: Call (206)332-7731 or email: chartje@republicservices.com