Associated Environmental Group, LLC

June 8, 2018

Mr. Robert R. Graham
Graham Real Ventures
18811 – 16th Avenue South
Seattle, Washington 98188-5102

Project: **Technical Addendum Report**
*H&H Diesel Service, Inc.*
407 Porter Way
Milton, Washington 98354-9686
Ecology Facility/Site ID: 89863773
PLIA PTAP ID: PSW031

Dear Mr. Graham:

Associated Environmental Group, LLC (AEG) is pleased to present this Technical Addendum Report summarizing additional AEG activities at the above-referenced Site in Milton, Washington. This work was performed to determine the Site's eligibility to be enrolled in the Washington State Pollution Liability Insurance Agency (PLIA) Petroleum Technical Assistance Program (PTAP).

On February 27, 2018, following submittal of a PTAP application on behalf of the client, AEG met with PLIA staff to determine this Site's eligibility for enrollment into the PTAP, which accepts projects that have petroleum releases only for consideration of a No Further Action (NFA) determination. Based on the information provided, PLIA staff determined that the Site may be eligible for PTAP if: 1) it could be shown that arsenic impacts beneath the Site are associated with background or area-wide conditions vs. plumes from nearby formal cleanup sites with known arsenic sources; and 2) it could be shown there are no impacts of volatile organic compounds (VOCs) associated with an alleged former parts washer on the south side of the Site.

AEG reviewed documents and data available online via the Washington State Department of Ecology (Ecology) and confirmed that the arsenic plumes from the nearby formal sites (B&L Woodwaste Landfill and USG Hwy 99) do not extend to the H&H Site. The location of these two formal sites with respect to the H&H Site is illustrated on Figure 1, *Vicinity Map*. Plume maps generated by HartCrowser and CDM Smith for these two nearby formal sites, respectively, are also attached.

Based on limited other available data surrounding the Site, AEG determined it is likely the source of impacts in groundwater beneath the Site are from a non-point source likely associated with filling of the area (with fill containing Asarco slag from the former smelter in Tacoma). Groundwater impacted with arsenic beneath the Site is fairly ubiquitous; however, only 3 out of about 30 or so soil samples from the Site exceed cleanup levels for arsenic, none of which are high enough to be the source of the groundwater impacts (Site soil data is summarized in the

attached Table 1, *Summary of Cumulative Soil Analytical Results*). That said, some of the arsenic groundwater concentrations are in the range of 50-100 micrograms per liter, which is a bit higher than what could be argued as natural background. Hence, the likelihood of a non-point source as filling with fill containing slag was common historically for the area.

On April 18, 2018, AEG advanced a boring (B-14) on the south side of the Site where Ecology was concerned a parts washer formerly operated. The location of the boring is illustrated on the attached Figure 2, *Site Map*. Two soil samples and one groundwater sample were collected from the boring and analyzed for the following analyses:

- Gasoline-range petroleum hydrocarbons (TPH) using Northwest Method NWTPH-Gx.
- Diesel- and oil-range TPH using Northwest Method NWTPH-D/Dx.
- VOCs (full list) using EPA Method 8260.
- Total MTCA 5 Metals.
- Ethylene Glycol.

None of these constituents were detected above their respective MTCA A or B cleanup levels. Selected analytical results of the soil and groundwater samples are presented in Table 1, *Summary of Cumulative Soil Analytical Results*, Table 2, *Summary of Groundwater Analytical Results – TPH & Metals*, and Table 3, *Summary of Groundwater Analytical Results – Selected VOCs*, and the complete laboratory results are attached.

If you have any questions or concerns regarding this report, please do not hesitate to contact our office at (360) 352-9835.

Sincerely,

Scott Rose, L.H.G.
*Senior Hydrogeologist*

State of Washington
Hydrogeologist
2635
Licensed Geologist
SCOTT I ROSE

Attached:
Figure 1 – *Vicinity Map*
HartCrowser Figure 11 – *Extent of Dissolved Arsenic in the Upper Sand Aquifer, B&L Woodwaste Landfill*
CDM Smith Figure 14A – *Dissolved Total Arsenic in Groundwater*
CDM Smith Figure 14B – *Dissolved Total Arsenic in Groundwater*
Figure 2 – *Site Map*
Table 1 – *Summary of Cumulative Soil Analytical Results*
Table 2 – *Summary of Groundwater Analytical Results – TPH & Metals*
Table 3 – *Summary of Groundwater Analytical Results – Selected VOCs*
Laboratory Datasheets

| FILENAME | DRAWN BY | | CHECKED BY | | APPROVED BY | | PROJECT NUMBER |
|---|---|---|---|---|---|---|---|
| 15-112_16Q2.DWG | ICD | 4/11/2016 | DB | 4/11/2016 | DB | 4/11/2016 | 15-112 |

PROJECT LOCATION

USG HWY 99 SITE

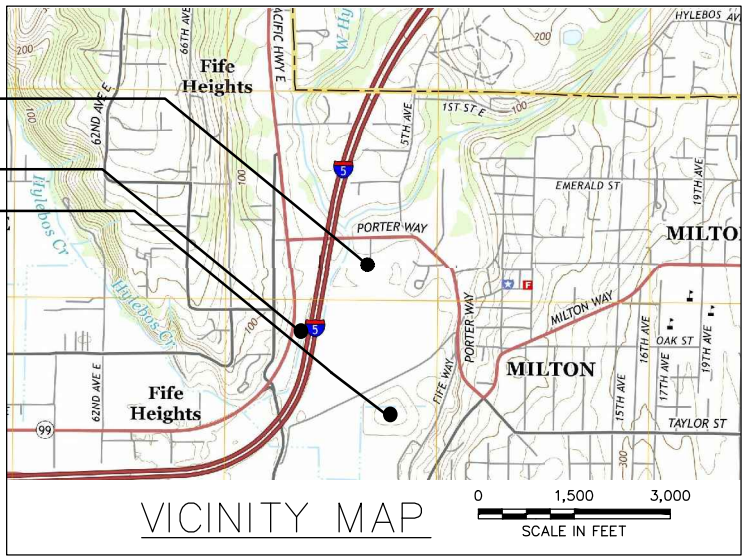
B&L WOODWASTE LANDFILL SITE

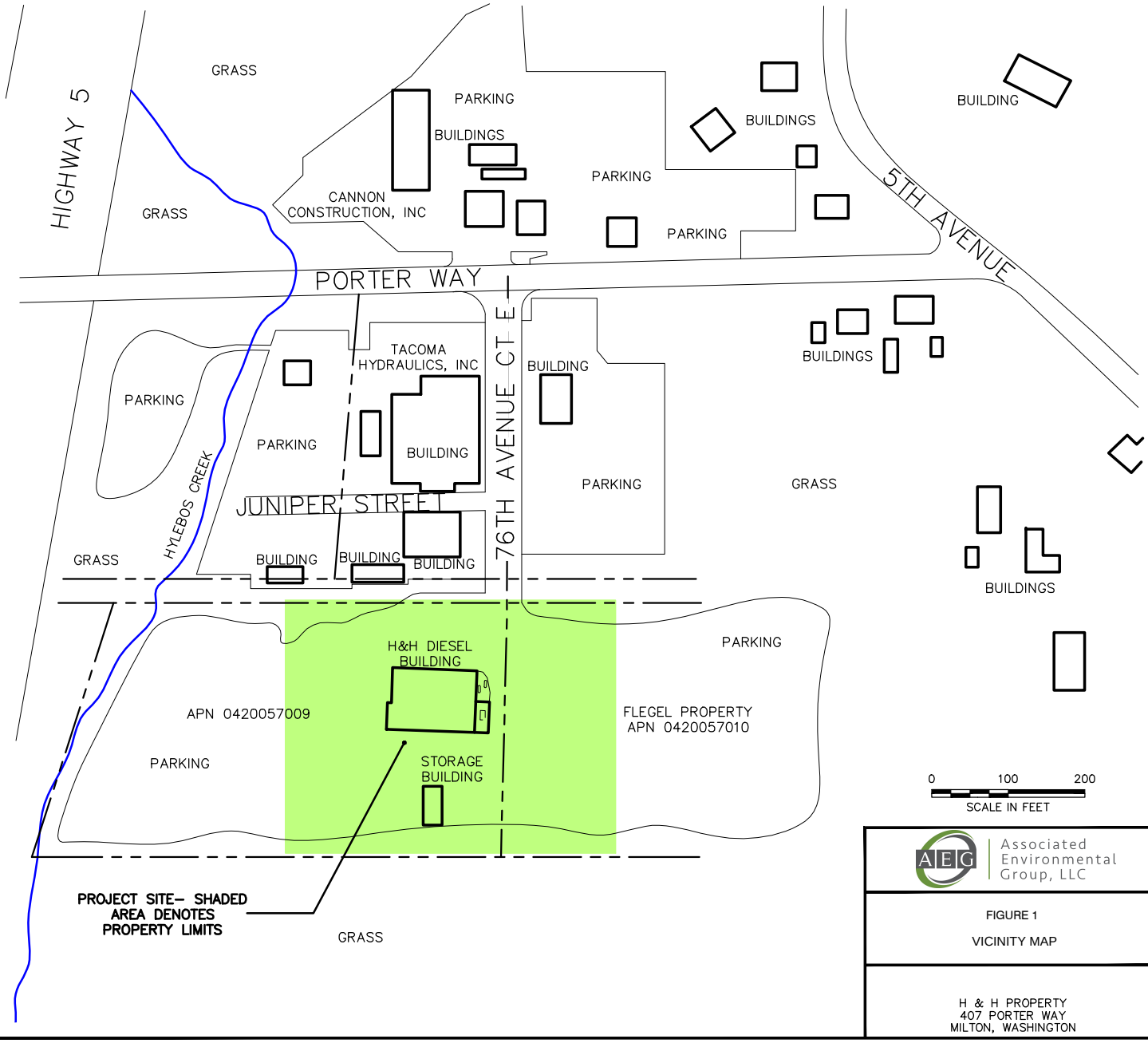
NOTES

1. THE LOCATIONS OF ALL FEATURES SHOWN ARE APPROXIMATE
2. THIS DRAWING IS FOR INFORMATION PURPOSES. IT IS INTENDED TO ASSIST IN SHOWING FEATURES DISCUSSED IN AN ATTACHED DOCUMENT.

REFERENCE

DRAWING CREATED FROM AERIAL PHOTOGRAPH AND NOTES PROVIDED BY AEG, LLC.
VICINITY IMAGE SOURCE: U.S. GEOLOGICAL SURVEY–2014, 7.5 MINUTE QUADRANGLE MAP
POVERTY BAY, WASHINGTON



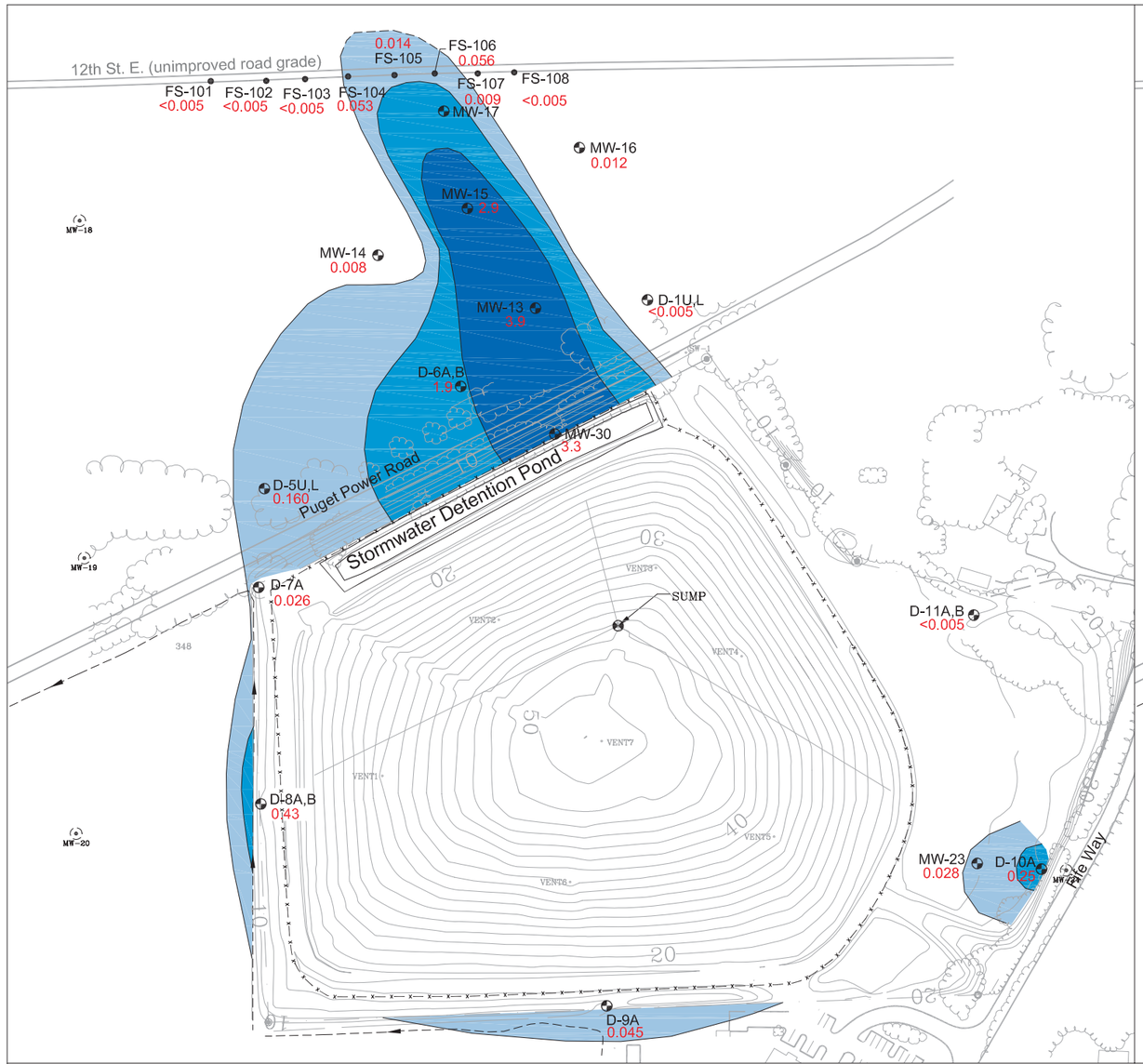



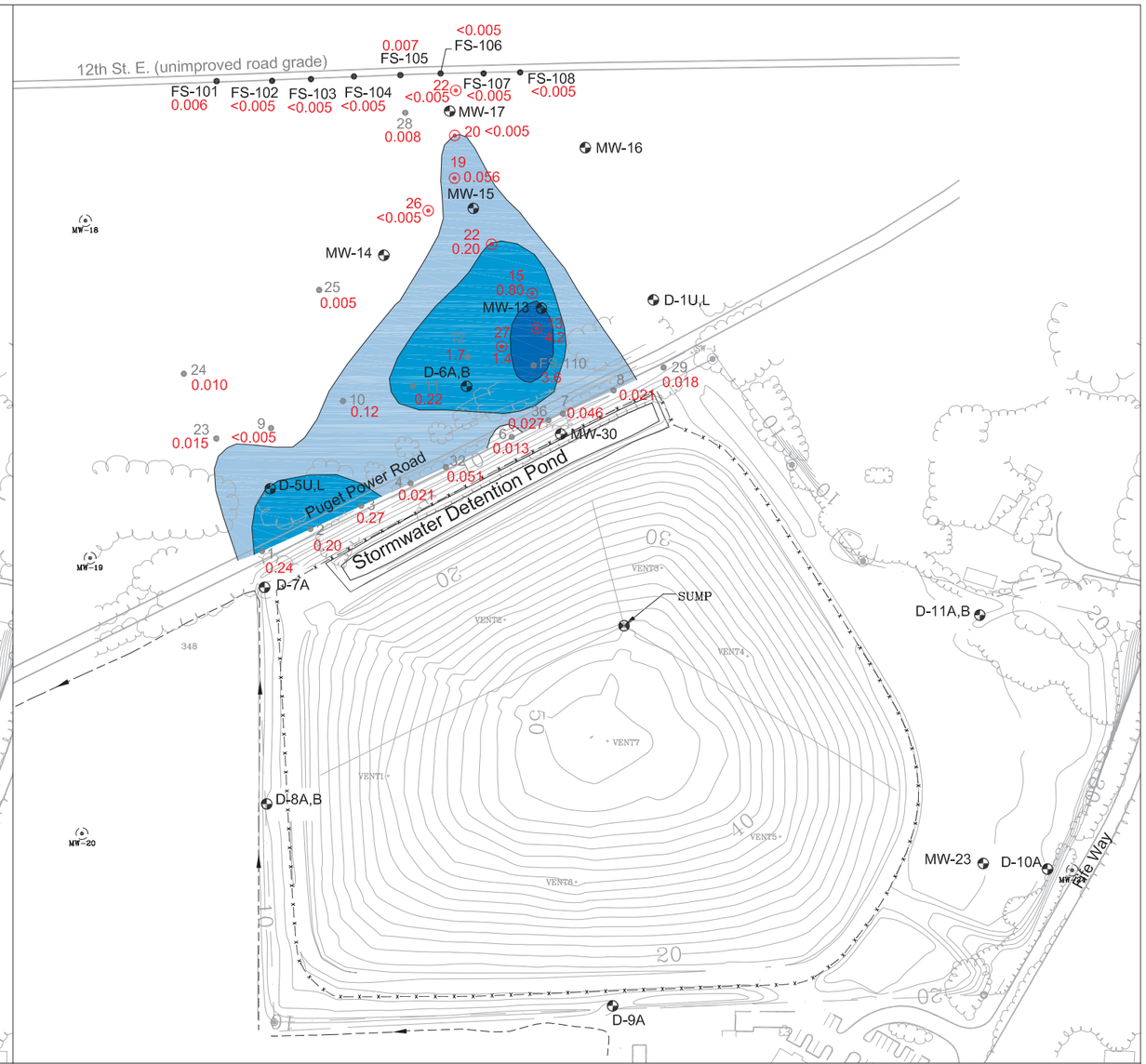

Associated Environmental Group, LLC

FIGURE 1

VICINITY MAP

H & H PROPERTY
407 PORTER WAY
MILTON, WASHINGTON




- FS-102 Geoprobe Groundwater Sampling Location, Sept. 2006
- MW-15 Shallow Aquifer Monitoring Well
- Decommissioned Shallow Aquifer Monitoring Well
- Sump Monitoring Well
- 1 Geoprobe Groundwater Sampling Location, Aug-Oct. 2005 ("FS" prefix omitted for clarity)
- 15 Geoprobe Groundwater Sampling and Temporary Piezometer Location
- 14 Temporary Piezometer Location

Dissolved Arsenic in mg/L

- <0.005 to 0.020
- 0.020 to 0.200
- 0.200 to 2.000
- > 2.0
- 0.023 Actual Concentration in mg/L

Notes:

1. Contours based on August 2006 sampling of monitoring wells with screened intervals in the bottom 5' of the Shallow Aquifer.
2. Results from MW-17 were excluded because MW-17 is screened above this interval.
3. Only Sept. 2006 discrete-depth probe groundwater samples from the deeper interval (16-20' to 19-23') at the base of the Upper Sand Aquifer are shown.

N

0 200 400

Scale in Feet

Note: Figure based on drawing from Groundwater Alternatives Evaluation Report, prepared by Floyd/Snider, January 2007.

B&L Landfill
Milton, Washington

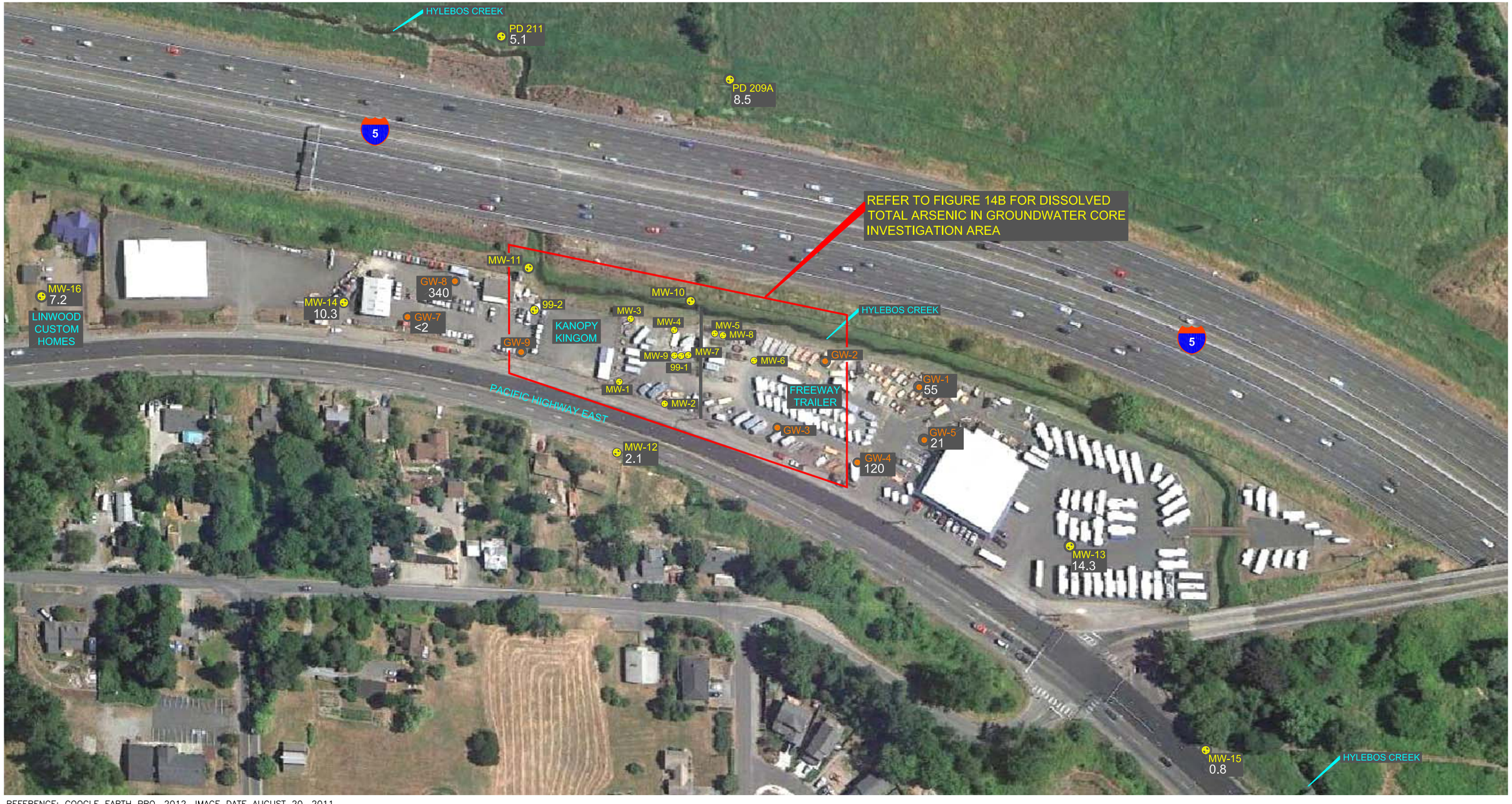
**Extent of Dissolved Arsenic in the Upper Sand Aquifer**

17330-09 5/07

HARTCROWSER

Figure **11**

EAL 05/25/07 1733009-007.dwg




REFERENCE: GOOGLE EARTH PRO, 2012, IMAGE DATE AUGUST 20, 2011

LEGEND:

MW-12 2.1 — MONITORING WELL AND DISOLVED TOTAL ARSENIC CONCENTRATION (ug/L)

GW-1 55 — PHASE 2 DPT BORING AND DISOLVED TOTAL ARSENIC CENCENTRATION (ug/L)

NOTE:

MONITORING WELL MW-14 WAS DRILLED AT THE LOCATION OF GW-6

N

1" = 120'

60 0 120

CDM Smith

USG INTERIORS
HIGHWAY 99 SITE
MILTON, WASHINGTON

Figure No. 14A
Dissolved Total Arsenic in Groundwater

LEGEND

MW–7 ⊕ MONITORING WELL LOCATION
A9 ⊙ SOIL BORING LOCATION
GP6 ● PHASE 1 DPT BORING JUNE 2006
SED–6C △ SEDIMENT SAMPLE LOCATION
SW 6 □ SURFACE WATER SAMPLE
E8 ○ SURFACE SOIL SAMPLE LOCATION
PHASE 2 DPT BORING APRIL 2011
– – – FENCE
——— TOPOGRAPHIC ELEVATION CONTOUR LINE

5

HYLEBOS CREEK

KANOPY KINGDOM

FREEWAY AUTO

FREEWAY TRAILER

CENTERLINE PACIFIC HIGHWAY E.

GATE

MW–1 MW–2 MW–3 MW–4 MW–5 MW–6 MW–7 MW–8 MW–9 MW–10 MW–11 MW–12
99–1 99–2
GP1 GP2 GP3 GP4 GP5 GP6 GP7 GP8
GW–2 GW–3 GW–4 GW–9
SW 2 SW 3 SW 4 SW 5 SW 6
SED–1C SED–1B SED–2C SED–2B SED–3C SED–3B SED–4C SED–4B SED–5C SED–5B SED–6C SED–6B SED–7C SED–7B
A4 A5 A6 A7 A8 A9 B2 B3 B4 B5 B6 B7 B8 C2 C4 C5 C7 C8 C9 C10 D1 D2 D3 D4 D5 D6 D7 D8 D9 E3 E4 E5 E6 E7 E8 GP9

TOTAL ARSENIC GRADIENT IN GROUNDWATER (ug/L)

600
500
400
300
200
100
0

1" = 40'
20 0 40

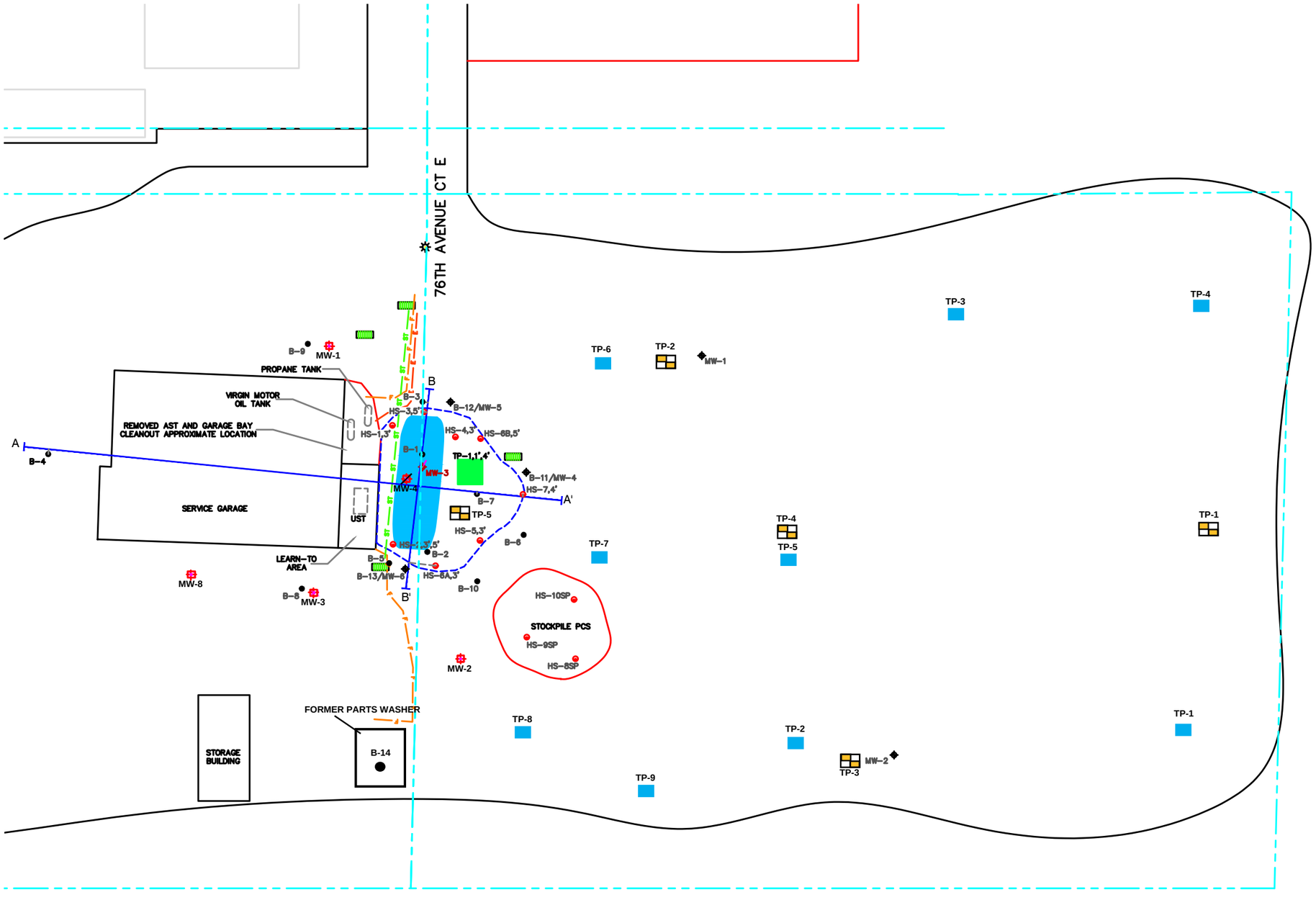
P:\19921\77628\Hylebros Creek\EXPANDED SITE\ FIG–14B 01/11/13 09:59 riehlepj XREFS: HC–11X17BD, HC–SITEBASE, FIG–14 PARTS

CDM Smith

USG INTERIORS/HIGHWAY 99 SITE
MILTON, WASHINGTON

Figure No. 14B
Dissolved Total Arsenic in Groundwater

| | |
|---|---|
| PROJECT NUMBER | 15-112 |
| APPROVED BY | DB 6/27/2017 |
| CHECKED BY | DB 6/27/2017 |
| DRAWN BY | 6/27/2017 |
| FILENAME | 15-112_COMBINED OLD AND NEW GWD.DWG |




## NOTES

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## REFERENCE

DRAWING CREATED FROM AERIAL PHOTOGRAPH AND NOTES PROVIDED BY AEG, LLC.

0 20 40
SCALE IN FEET

Associated Environmental Group, LLC

FIGURE 2

SITE MAP

H & H PROPERTY
407 PORTER WAY
MILTON, WASHINGTON

**Table 1 - Summary of Cumulative Soil Analytical Results**
H&H Diesel
Milton, Washington

| Sample Number | Sample Type[1] | Depth Collected (feet) | Date Collected | Total Petroleum Hydrocarbons | | | Selected Volatile Organic Compounds | | | | | | | | | | | | | Total cPAHs (TEF) | PCBs | MTCA 5 Metals | | | | | | Ethylene Glycol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Gasoline | Diesel | Heavy Oil | Benzene | Toluene | Ethyl-benzene | Xylenes | EDB | EDC | MTBE | PCE | TCE | VC | 1,3,5-Trimethyl-benzene | 1,2,4-Trimethyl-benzene | Total Naphthalenes | | | Mercury | Lead | Cadmium | Total Chromium | Hexavalent Chromium | Arsenic | |
| **LSI ADAPT Phase II June 2001** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TP-1/3.0-3.5 | D | 3.0-3.5 | 6/28/2001 | <23 | <58 | **100** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | **55** | <0.58 | **42** | -- | **12** | -- |
| TP-2/1.5-2.0 | D | 1.5-2.0 | 6/28/2001 | <22 | <54 | <110 | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.4 | <0.54 | <0.54 | -- | <11 | -- |
| TP-3/3.0-3.5 | D | 3.0-3.5 | 6/28/2001 | <25 | <63 | <130 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | **12** | <0.63 | **25** | -- | <13 | -- |
| TP-3/7.0-7.5 | D | 7.0-7.5 | 6/28/2001 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <14 | <1.4 | **50** | -- | **43** | -- |
| TP-4/2.0-2.5 | D | 2.0-2.5 | 6/28/2001 | <22 | <56 | **330** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | <0.02 | <0.02 | <0.05 | -- | -- | -- | <0.1 | -- | -- | **28** | <0.56 | **32** | -- | <11 | -- |
| TP-5/2.0-2.5 | D | 2.0-2.5 | 6/28/2001 | <22 | <56 | **380** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **56** | <0.56 | **26** | -- | <11 | -- |
| **AEG** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AEG MW1-S1-3 | D | 3 | 5/13/2009 | -- | <50 | <100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| AEG MW1-S2-8 | D | 8 | 5/13/2009 | <10 | -- | -- | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| AEG MW1-S3-15 | D | 15 | 5/13/2009 | -- | <50 | <100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| AEG MW2-S4-3 | D | 3 | 5/13/2009 | -- | 500 | <100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| AEG MW2-S5-10 | D | 10 | 5/13/2009 | <10 | -- | -- | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | <0.02 | <0.02 | <0.05 | -- | -- | -- | <0.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| AEG MW3-S6-3 | D | 3 | 5/13/2009 | <10 | 200 | **13,000** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **290** | <1.0 | **140** | -- | **21** | -- |
| AEG MW3-S7-8 | D | 8 | 5/13/2009 | -- | <50 | **200** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | <0.02 | <0.02 | <0.05 | -- | -- | -- | <0.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| AEG MW3-S8-12 | D | 12 | 5/13/2009 | <10 | -- | -- | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TP1-5 | D | 5 | 5/13/2009 | -- | <50 | <100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TP1-8 | D | 8 | 5/13/2009 | <10 | -- | -- | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TP2-5 | D | 5 | 5/13/2009 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **72** | <1.0 | **28** | -- | **8.4** | -- |
| TP3-8 | D | 8 | 5/13/2009 | -- | -- | -- | <0.02 | **23** | 0.07 | <0.15 | -- | -- | -- | <0.02 | <0.02 | <0.05 | -- | -- | -- | <0.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| TP4-8 | D | 8 | 5/13/2009 | <10 | -- | -- | <0.02 | <0.05 | 0.07 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **13** | <1.0 | **15** | -- | **5.7** | -- |
| TP5-6 | D | 6 | 5/13/2009 | -- | <50 | <100 | <0.02 | <0.05 | 0.07 | <0.15 | -- | -- | -- | <0.02 | <0.02 | <0.05 | -- | -- | -- | <0.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| TP6-3 | D | 3 | 5/13/2009 | -- | <50 | **520** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **42** | <1.0 | **18** | -- | **6.5** | -- |
| TP6-8 | D | 8 | 5/13/2009 | -- | <50 | **130** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TP7-3 | D | 3 | 5/13/2009 | -- | -- | -- | <0.02 | <0.05 | 0.07 | <0.15 | -- | -- | -- | <0.02 | <0.02 | <0.05 | -- | -- | -- | <0.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| TP7-6 | D | 6 | 5/13/2009 | **25** | -- | -- | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TP8-3 | D | 3 | 5/13/2009 | <10 | <50 | <100 | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **67** | <1.0 | **21** | -- | **19** | -- |
| TP8-7 | D | 7 | 5/13/2009 | <10 | <50 | **460** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | <0.02 | <0.02 | <0.05 | -- | -- | -- | <0.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| TP9-8 | D | 8 | 5/13/2009 | <10 | -- | -- | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S1-4 | D | 4.0 | 3/24/2015 | **11,000** | **2,000** | **5,600** | **0.032** | **0.98** | **1.5** | **10** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **21** | <1.0 | **19** | -- | <5.0 | -- |
| B1-S2-8 | D | 8.0 | 3/24/2015 | **34** | <50 | <100 | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | <5.0 | <1.0 | **23** | -- | <5.0 | -- |
| B1-S3-12 | D | 12.0 | 3/24/2015 | <10 | <50 | **110** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | <5.0 | <1.0 | <5.0 | -- | <5.0 | -- |
| B2-S1-4 | D | 4.0 | 3/24/2015 | <10 | <50 | <100 | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **9.1** | <1.0 | **34** | -- | <5.0 | -- |
| B2-S2-8 | D | 8.0 | 3/24/2015 | <10 | <50 | <100 | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | <5.0 | <1.0 | **28** | -- | <5.0 | -- |
| B2-S3-10 | D | 10.0 | 3/24/2015 | <10 | <50 | <100 | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | <5.0 | <1.0 | **23** | -- | <5.0 | -- |
| B3-S1-8 | D | 8.0 | 3/24/2015 | <10 | <50 | <100 | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | <5.0 | <1.0 | **26** | -- | <5.0 | -- |
| B4-S1-7 | D | 7.0 | 3/24/2015 | <10 | <50 | <100 | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | <5.0 | <1.0 | **26** | -- | <5.0 | -- |
| B5-S1-8 | D | 8.0 | 3/24/2015 | <10 | <50 | <100 | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | <5.0 | <1.0 | **29** | -- | <5.0 | -- |
| B8-S1-8 | D | 8.0 | 3/24/2015 | <10 | <50 | <100 | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | <5.0 | <1.0 | **26** | -- | <5.0 | -- |
| B9-S1-8 | D | 8.0 | 3/24/2015 | <10 | <50 | <100 | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | <5.0 | <1.0 | **28** | -- | <5.0 | -- |
| B10-S1-2 | D | 2.0 | 3/24/2015 | <10 | <50 | <100 | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | <5.0 | <1.0 | **24** | -- | <5.0 | -- |
| TP-1 1' | P X | 1.0 | 8/26/2015 | **210** | <50 | **160** | <0.02 | <0.05 | <0.05 | **0.15** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TP-1 4' | P X | 4.0 | 8/26/2015 | **8,800** | **1,200** | **2,600** | <0.02 | **1.1** | **0.47** | **18** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HS-1 3' | P | 3.0 | 8/26/2015 | **40,000** | **900** | **2,500** | **0.035** | **1.7** | **12** | **57** | <0.05 | <0.05 | <0.05 | <0.02 | <0.02 | <0.02 | **89** | **180** | **36.2** | <0.02 | **0.02** | <5.0 | <5.0 | <1.0 | **23** | <0.1 | <5.0 | -- |
| HS-2 3' | P | 3.0 | 8/26/2015 | **110** | <50 | **180** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HS-2 5' | P | 5.0 | 8/26/2015 | **92** | <50 | **130** | <0.02 | <0.05 | <0.05 | <0.15 | <0.05 | <0.05 | <0.05 | <0.02 | <0.02 | <0.02 | **0.074** | **0.19** | **0.22** | <0.02 | <0.01 | <5.0 | **7.3** | <1.0 | **27** | <0.1 | **7** | -- |
| HS-3 5' | P | 5.0 | 8/27/2015 | **130** | <50 | **1,700** | <0.02 | **0.15** | **0.24** | **1** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HS-4 3' | P X | 3.0 | 8/27/2015 | **47** | <50 | **1,200** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HS-5 3' | C | 3.0 | 8/27/2015 | **21** | <50 | **100** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HS-6A 3' | C | 3.0 | 8/27/2015 | **27** | <50 | **120** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HS-6B 5' | C | 5.0 | 9/10/2015 | **13** | <50 | **310** | <0.02 | **0.051** | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **45** | <1.0 | **12** | -- | **7** | -- |
| HS-7 4' | C | 4.0 | 9/10/2015 | **20** | <50 | **230** | <0.02 | **0.087** | **0.052** | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **76** | <1.0 | **27** | -- | **7.4** | -- |
| HS-8SP | SP | 1.0 | 9/11/2015 | **230** | **77** | **400** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **44** | <1.0 | **52** | -- | **8.1** | -- |

**Table 1 - Summary of Cumulative Soil Analytical Results**
H&H Diesel
Milton, Washington

| Sample Number | Sample Type[1] | Depth Collected (feet) | Date Collected | Total Petroleum Hydrocarbons | | | Selected Volatile Organic Compounds | | | | | | | | | | | | Total cPAHs (TEF) | PCBs | MTCA 5 Metals | | | | | | Ethylene Glycol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Gasoline | Diesel | Heavy Oil | Benzene | Toluene | Ethyl-benzene | Xylenes | EDB | EDC | MTBE | PCE | TCE | VC | 1,3,5-Trimethyl-benzene | 1,2,4-Trimethyl-benzene | Total Naphthalenes | | | Mercury | Lead | Cadmium | Total Chromium | Hexavalent Chromium | Arsenic | |
| HS-9SP | SP | 1.0 | 9/11/2015 | **280** | **120** | **390** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **25** | <1.0 | **41** | -- | **5** | -- |
| HS-10SP | SP | 1.0 | 9/11/2015 | **28** | <50 | **270** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | **59** | <1.0 | **36** | -- | **8.4** | -- |
| B11/MW-4 | D | 5.0 | 9/29/2015 | **280** | **370** | <100 | <0.02 | <0.05 | **1.9** | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | **0.48** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B12/MW-5 | D | 5.0 | 9/29/2015 | **38** | <50 | <100 | <0.02 | <0.05 | **0.14** | **0.82** | -- | -- | -- | -- | -- | -- | -- | -- | **0.29** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B13/MW-6 | D | 5.0 | 9/29/2015 | **53** | <50 | **630** | <0.02 | <0.05 | <0.05 | <0.15 | -- | -- | -- | -- | -- | -- | -- | -- | **0.21** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B14 @3' | D | 3.0 | 4/18/2018 | <10 | <50 | **730** | <0.02 | <0.05 | <0.05 | <0.15 | <0.05 | <0.05 | <0.05 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | -- | -- | <0.5 | **11** | <1.0 | **58** | -- | **11** | <100 |
| B14 @8' | D | 8.0 | 4/18/2018 | <10 | <50 | <100 | <0.02 | <0.05 | <0.05 | <0.15 | <0.05 | <0.05 | <0.05 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | -- | -- | <0.5 | <5 | <1.0 | **45** | -- | **59** | <100 |
| PQL | | | | 10 | 50 | 100 | 0.02 | 0.05 | 0.05 | 0.15 | 0.05 | 0.05 | 0.05 | 0.02 | 0.02 | 0.02 | 0.05 | 0.05 | 0.02 | 0.02 | 0.01 | 0.5 | 5.0 | 1.0 | 5.0 | 0.1 | 5.0 | 100.0 |
| MTCA Method A Cleanup Levels | | | | 30* | 2,000 | 2,000 | 0.03 | 7 | 6 | 9 | 0.005 | 11** | 0.1 | 0.05 | 0.03 | 0.72** | 800** | NL | 5 | 0.1 | 1 | 2 | 250 | 2 | 2,000 | 19 | 20 | 160,000** |

Notes:
All values are presented in milligrams per kilogram (mg/kg)
-- = Not analyzed for constituent
< = Not detected at the listed laboratory detection limits
PQL = Practical Quantification Limit (laboratory detection limit)
**Red Bold** indicates the detected concentration exceeds Ecology MTCA Method A cleanup level
**Bold** indicates the detected concentration is below Ecology MTCA Method A cleanup levels
* TPH-Gasoline Cleanup Level with the presence of Benzene anywhere at the Site
** Method B Cleanup levels

NL = Not listed; no Method A or B cleanup level has been established for this constituent
EDB = Ethylene dibromide
EDC = 1,2-Dichloroethane
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethylene
TCE = Trichloroethylene
VC = Vinyl chloride
PCBs = Polychlorinated biphenyls

cPAHs = Carcinogenic polycyclic aromatic hydrocarbons
TEF = Toxicity Equivalency Factor; MTCA Table 708-2

[1] Sample Type (D = Discreet sample from boring or test pit; P = Performance Sample; X = Excavated/Removed; C = Confirmation Sample; SP = Stockpile Sample/representative of removed soils)

**Table 2 - Summary of Groundwater Analytical Results - TPH & Metals**
H&H Property
Milton, WA

| Monitoring Well | Date Sampled | Gasoline | Diesel Extended TPH | | | MTCA 5 Metals - Total Metals | | | | | Dissolved Metals | | Ethylene Glycol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Diesel | Heavy Oil | Mineral Oil | Mercury | Lead | Cadmium | Chromium | Arsenic | Lead | Arsenic | |
| AEG MW-1 | 5/28/2009 | <100 | <200 | <400 | <400 | <0.5 | **6.6** | <1.0 | <10 | **50.9** | -- | -- | -- |
| | 9/11/2009 | **156** | <200 | <400 | <400 | <0.5 | <5.0 | <1.0 | <10 | **70** | <5.0 | **60** | -- |
| | 12/18/2009 | <100 | <200 | <400 | <400 | <0.5 | <5.0 | <1.0 | <10 | **50.3** | <5.0 | **44.4** | -- |
| | 4/5/2010 | <100 | <200 | <400 | <400 | <0.5 | <5.0 | <1.0 | <10 | **44.2** | <5.0 | **31.7** | -- |
| | 3/18/2015 | -- | <200 | <400 | -- | <0.5 | <5.0 | <0.5 | <5.0 | **47.8** | -- | **23.9** | -- |
| AEG MW-2 | 5/28/2009 | <100 | <200 | <400 | <400 | <0.5 | **40.7** | <1.0 | **27.7** | **102** | -- | -- | -- |
| | 9/11/2009 | <100 | <200 | <400 | <400 | <0.5 | <5.0 | <1.0 | <10 | **203** | <5.0 | **183** | -- |
| | 12/18/2009 | <100 | <200 | <400 | <400 | <0.5 | <5.0 | <1.0 | <10 | **202** | <5.0 | **169** | -- |
| | 4/5/2010 | <100 | <200 | <400 | <400 | <0.5 | <5.0 | <1.0 | <10 | **91.9** | <5.0 | **32.4** | -- |
| | 3/18/2015 | -- | <200 | <400 | -- | <0.5 | <5.0 | <0.5 | <5.0 | **164** | -- | **108** | -- |
| AEG MW-3 | 5/28/2009 | <100 | **700** | <400 | <400 | <0.5 | <5.0 | <1.0 | **7.8** | **20.4** | -- | -- | -- |
| | 9/22/2009 | **370** | <200 | **1,470** | <400 | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/18/2009 | **760** | <200 | <400 | <400 | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/5/2010 | <100 | **995** | <400 | <400 | <0.5 | <5.0 | <1.0 | <10 | **29.9** | <5.0 | **10.4** | -- |
| ADAPT MW-2 | 5/28/2009 | <100 | <200 | <400 | <400 | <0.5 | <5.0 | <1.0 | <10 | <5.0 | -- | -- | -- |
| | 9/11/2009 | **205** | <200 | <400 | <400 | <0.5 | <5.0 | <1.0 | <10 | **13** | <5.0 | **12.3** | -- |
| | 12/18/2009 | <100 | <200 | <400 | <400 | <0.5 | <5.0 | <1.0 | <10 | <5.0 | <5.0 | **11** | -- |
| | 4/5/2010 | <100 | <200 | <400 | <400 | <0.5 | <5.0 | <1.0 | <10 | **12.4** | <5.0 | **7.4** | -- |
| B-1 | 3/24/2015 | **39,000** | **26,000** | **49,000** | -- | <1.0 | **16** | <2.0 | **15** | **21** | **6.3** | **17** | -- |
| B-2 | 3/24/2015 | <100 | <250 | <500 | -- | <1.0 | <2.0 | <2.0 | <10 | **57** | <2.0 | **50** | -- |
| B-3 | 3/24/2015 | <100 | <250 | <500 | -- | <1.0 | <2.0 | <2.0 | **10** | **54** | <2.0 | **37** | -- |
| B-4 | 3/24/2015 | <100 | <250 | <500 | -- | <1.0 | **5.4** | <2.0 | <10 | **52** | **2.8** | **48** | -- |
| B-5 | 3/24/2015 | <100 | <250 | <500 | -- | <1.0 | <2.0 | <2.0 | <10 | **56** | <2.0 | **52** | -- |
| B-6 | 3/24/2015 | <100 | <250 | <500 | -- | <1.0 | **7.8** | <2.0 | <10 | **4.9** | **2.1** | **3.7** | -- |
| B-7 | 3/24/2015 | <100 | <250 | **980** | -- | <1.0 | **30** | <2.0 | <10 | **22** | **15** | **15** | -- |
| B-8 | 3/24/2015 | <100 | <250 | <500 | -- | <1.0 | <2.0 | <2.0 | <10 | **53** | <2.0 | **48** | -- |
| B-9 | 3/24/2015 | <100 | <250 | <500 | -- | <1.0 | <2.0 | <2.0 | <10 | **35** | <2.0 | **33** | -- |
| B-10 | 3/24/2015 | <100 | <250 | **1,800** | -- | <1.0 | **38** | <2.0 | <10 | **17** | **11** | **11** | -- |
| MW-4 | 10/8/2015 | **130** | <250** / | <500** / | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2016* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/1/2016 | <100 | <250 | <500 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/5/2016 | <100 | <250 | <500 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | | | | | | | | | | | |
| MW-5 | 10/8/2015 | <100 | <250** / | <500** / | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2016 | **220** | <250 | <500 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/1/2016 | **270** | <250 | <500 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/5/2016 | <100 | <250 | <500 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | | | | | | | | | | | |
| MW-6 | 10/8/2015 | <100 | <250** / | <500** / | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2016 | <100 | <250 | <500 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/1/2016 | <100 | <250 | <500 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/5/2016 | <100 | <250 | <500 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | | | | | | | | | | | |
| B14W | 4/18/18 | -- | <250 | <500 | -- | <1.0 | **5** | <2.0 | **27** | **21** | -- | -- | <10 |
| PQL | | 100 | 200 | 400 | 400 | 0.5/1.0 | 2.0/5.0 | 0.5/1.0/2.0 | 10 | 5.0 | 2.0/5.0 | 5.0 | <10 |
| MTCA Method A Cleanup Levels | | 800*** | 500 | 500 | 500 | 2 | 15 | 5 | 50 | 5 | 15 | 5 | 16,400^ |

Notes:
All values in micrograms per liter (µg/L)
-- = Not analyzed for constituent
< = Not detected at the listed laboratory detection limits
PQL = Practical Quantification Limit (laboratory detection limit)
**Red Bold** indicates the detected concentration exceeds Ecology MTCA Method A cleanup level
**Bold** indicates the detected concentration is below Ecology MTCA Method A cleanup levels
* Not sampled; well was covered with soil and could not be located. Metal detector used to locate for next event.
** Analyzed with Silica Gel Clean Up
*** TPH-Gasoline Cleanup Level with the presence of Benzene anywhere at the Site
^ MTCA Method B cleanup level

**Table 3 - Summary of Groundwater Analytical Results - Selected VOCs**
H&H Property
Milton, WA

| Monitoring Well | Date Sampled | Select Volatile Organic Compounds | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | 1,3,5-Trimethyl-benzene | EDC | EDB | MTBE | Naphthalene | 2-Methyl-naphthalene | 1-Methyl-naphthalene | PCE | TCE | Vinyl Chloride |
| AEG MW1-W | 5/28/2009 | <1 | **14.3** | <1 | <3 | <1 | <1 | <0.01 | -- | **7.7** | -- | -- | <1 | <1 | <0.20 |
| | 9/11/2009 | <1 | **136** | <1 | <3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/18/2009 | <1 | **27** | <1 | <3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/5/2010 | **1.3** | **2.9** | <1 | **3.6** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| AEG MW2-W | 5/28/2009 | <1 | <1 | <1 | <3 | <1 | <1 | <0.01 | -- | <5 | -- | -- | <1 | <1 | <0.20 |
| | 9/11/2009 | <1 | **14.7** | <1 | <3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/18/2009 | <1 | **1.7** | <1 | <3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/5/2010 | <1 | <2 | <1 | <3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| AEG MW3-W | 5/28/2009 | **1.5** | **11.1** | **6.5** | **54.5** | **37.4** | <1 | <0.01 | -- | **89.2** | -- | -- | <1 | <1 | <0.20 |
| | 9/22/2009 | <1 | <2 | **2.6** | **15.3** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/18/2009 | **1.4** | **1.9** | **3.4** | **26** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/5/2010 | <1 | **4.9** | **2.7** | **32** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ADAPT MW2-W | 5/28/2009 | <1 | <1 | <1 | <3 | <1 | <1 | <0.01 | -- | <5 | -- | -- | <1 | <1 | <0.20 |
| | 9/11/2009 | <1 | <1 | <1 | <3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/18/2009 | <1 | <1 | <1 | <3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/5/2010 | <1 | <2 | <1 | <3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B-1 | 3/24/2015 | **1.4** | **14** | **11** | **180** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B-2 | 3/24/2015 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B-3 | 3/24/2015 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B-4 | 3/24/2015 | <1.0 | <1.0 | <1.0 | **4.4** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B-5 | 3/24/2015 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B-6 | 3/24/2015 | <1.0 | **1.3** | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B-7 | 3/24/2015 | <1.0 | **2.7** | <1.0 | **5.9** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B-8 | 3/24/2015 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B-9 | 3/24/2015 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B-10 | 3/24/2015 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-4 | 10/8/2015 | <1.0 | **47.0** | **1.1** | **6.7** | -- | -- | -- | -- | **0.40** | <0.1 | <0.1 | -- | -- | -- |
| | 1/27/2016* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/1/2016 | <1.0 | **3.9** | **4.7** | <3.0 | -- | -- | -- | -- | <0.1 | <0.1 | <0.1 | -- | -- | -- |
| | 8/5/2016 | <1.0 | <1.0 | **3.1** | <3.0 | -- | -- | -- | -- | <0.1 | <0.1 | <0.1 | -- | -- | -- |
| | | | | | | | | | | | | | | | |
| MW-5 | 10/8/2015 | <1.0 | **2.7** | **7.1** | <3.0 | -- | -- | -- | -- | **0.60** | <0.1 | <0.1 | -- | -- | -- |
| | 1/27/2016 | <1.0 | **40.0** | **2.1** | **11.0** | -- | -- | -- | -- | <0.1 | <0.1 | <0.1 | -- | -- | -- |
| | 4/1/2016 | <1.0 | **45.0** | **2.3** | **13.0** | -- | -- | -- | -- | <0.1 | <0.1 | <0.1 | -- | -- | -- |
| | 8/5/2016 | <1.0 | <1.0 | **1.0** | **6.9** | -- | -- | -- | -- | <0.1 | <0.1 | <0.1 | -- | -- | -- |
| | | | | | | | | | | | | | | | |
| MW-6 | 10/8/2015 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | **0.50** | **0.90** | **0.80** | -- | -- | -- |
| | 1/27/2016 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | <0.1 | **0.70** | **1.20** | -- | -- | -- |
| | 4/1/2016 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | <0.1 | <0.1 | <0.1 | -- | -- | -- |
| | 8/5/2016 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | <0.1 | <0.1 | <0.1 | -- | -- | -- |
| | | | | | | | | | | | | | | | |
| B14W | 4/18/2018 | <1.0 | **1.0** | <1.0 | <3.0 | <1.0 | <1.0 | <1.0 | **2.6** | <1.0 | -- | -- | <1.0 | <1.0 | <0.2 |
| PQL | | 1.0 | 1.0 / 2.0 | 1.0 | 3.0 | 1.0 | 1.0 | 0.01 / 1.0 | 1.0 | 0.1 / 5.0 | 0.1 | 0.1 | 1.0 | 1.0 | 0.2 |
| MTCA Method A Cleanup Levels | | 5 | 1,000 | 700 | 1,000 | 80** | 5 | 0.01 | 20 | 160 | 320 | 34.48 | 5 | 5 | 0.2 |

Notes:
All values in micrograms per liter (µg/L)
-- = Not analyzed for constituent
< = Not detected at the listed laboratory detection limits
PQL = Practical Quantification Limit (laboratory detection limit)
**Red Bold** indicates the detected concentration exceeds Ecology MTCA Method A cleanup level
**Bold** indicates the detected concentration is below Ecology MTCA Method A cleanup levels
* Not sampled; well was covered with soil and could not be located. Metal detector used to locate for next event.
** Method B cleanup level; Method A Cleanup Level not established

EDC = 1,2-Dichloroethane
EDB = Ethylene Dibromide
MTBE = Methyl Tert-Butyl Ether
PCE = Tetrachloroethylene
TCE = Trichloroethylene

ESN NORTHWEST
Environmental
Services Network

May 1, 2018

Shawn Lombardini
Associated Environmental Group, Inc.
605 11th Ave. SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the H&H Diesel/Graham Jr Project in Milton, Washington. Probe services were conducted on April 18, 2018. Soil and water samples were analyzed for Diesel and Oil by NWTPH-Dx/Dx Extended, Gasoline by NWTPH-Gx, VOC's by Method 8260, MTCA 5 Metals by Method 6020, and Ethylene Glycol by Method GC-FID on April 20 – 24, 2018.

The results of the analyses are summarized in the attached table. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this work is also enclosed.

ESN Northwest appreciates the opportunity to have provided analytical services to Associated Environmental Group, Inc. for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Michael A. Korosec
*President*

1210 Eastside Street SE, Suite 200 ■ Olympia, Washington 98501 ■ 360.459.4670 ■ FAX 360.459.3432
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Associated Environmental Group
PROJECT H&H DIESEL/GRAHAM JR
PROJECT #15-112
Washington

**Analysis of Diesel Range Organics & Lube Oil Range Organics in Soil by Method NWTPH-Dx/Dx Extended**

| Sample Number | Date Prepared | Date Analyzed | Surrogate Recovery (%) | Diesel Range Organics (mg/kg) | Lube Oil Range Organics (mg/kg) |
|---|---|---|---|---|---|
| Method Blank | 4/20/2018 | 4/20/2018 | 143 | nd | nd |
| LCS | 4/20/2018 | 4/20/2018 | 99 | 108% | --- |
| B14@3' | 4/20/2018 | 4/20/2018 | 99 | nd | **730** |
| B14@8' | 4/20/2018 | 4/20/2018 | 127 | nd | nd |
| Reporting Limits | | | | 50 | 100 |

"---" Indicates not tested for component.
"nd" Indicates not detected at the listed detection limits.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

**ESN NORTHWEST CHEMISTRY LABORATORY**


Associated Environmental Group
PROJECT H&H DIESEL/GRAHAM JR
PROJECT #15-112
Washington

ESN Northwest
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lab@esnnw.com


**Analysis of Diesel Range Organics & Lube Oil Range Organics in Water by Method NWTPH-Dx**

| Sample Number | Date Prepared | Date Analyzed | Surrogate Recovery (%) | Diesel Range Organics (ug/L) | Lube Oil Range Organics (ug/L) |
|---|---|---|---|---|---|
| Method Blank | 4/20/2018 | 4/20/2018 | 94 | nd | nd |
| LCS | 4/20/2018 | 4/20/2018 | 82 | 125% | --- |
| B14-W | 4/20/2018 | 4/20/2018 | 110 | nd | nd |
| Reporting Limits | | | | 250 | 500 |

"---" Indicates not tested for component.
"nd" Indicates not detected at the listed detection limits.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

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Washington

**Analysis of Gasoline Range Organics & BTEX in Soil by Method NWTPH-Gx/8260**

| Sample Number | Date Prepared | Date Analyzed | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylenes (mg/kg) | Gasoline Range Organics (mg/kg) | Surrogate Recovery (%) |
|---|---|---|---|---|---|---|---|---|
| Method Blank | 4/23/2018 | 4/23/2018 | nd | nd | nd | nd | nd | 94 |
| LCS | 4/23/2018 | 4/23/2018 | 96% | 87% | 75% | 79% | 91% | 99 |
| LCSD | 4/23/2018 | 4/23/2018 | 104% | 93% | 79% | 82% | --- | 101 |
| B14@3' | 4/18/2018 | 4/23/2018 | nd | nd | nd | nd | nd | 96 |
| B14@8' | 4/18/2018 | 4/23/2018 | nd | nd | nd | nd | nd | 96 |
| Reporting Limits | | | 0.02 | 0.05 | 0.05 | 0.15 | 10 | |

"---" Indicates not tested for component.
"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Bromoflurorbenzene) & LCS : 65% TO 135%

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PROJECT #15-112
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**Analysis of Gasoline Range Organics & BTEX in Water by Method NWTPH-Gx/8260**

| Sample Number | Date Analyzed | Benzene (ug/L) | Toluene (ug/L) | Ethylbenzene (ug/L) | Xylenes (ug/L) | Gasoline Range Organics (ug/L) | Surrogate Recovery (%) |
|---|---|---|---|---|---|---|---|
| Method Blank | 4/20/2018 | nd | nd | nd | nd | nd | 96 |
| LCS | 4/20/2018 | 103% | 144% | 106% | 112% | 106% | 88 |
| LCSD | 4/20/2018 | 104% | 114% | 99% | 107% | --- | 101 |
| B14W | 4/20/2018 | nd | **1.0** | nd | nd | nd | 95 |
| B14W Duplicate | 4/20/2018 | nd | **1.0** | nd | nd | nd | 95 |
| Reporting Limits | | 1.0 | 1.0 | 1.0 | 3.0 | 100 | |

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Bromoflurorbenzene) & LCS: 65% TO 135%

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**Analysis of Volatile Organic Compounds in Soil by Method 8260C/5035**

| | RL | MB | LCS | LCSD | B14@3' | B14@8' |
|---|---|---|---|---|---|---|
| Date extracted | | 04/23/18 | 04/23/18 | 04/23/18 | 04/18/18 | 04/18/18 |
| Date analyzed | (mg/Kg) | 04/23/18 | 04/23/18 | 04/23/18 | 04/23/18 | 04/23/18 |
| % Moisture | | | | | 90% | 8% |
| Dichlorodifluoromethane | 0.05 | nd | | | nd | nd |
| Chloromethane | 0.05 | nd | | | nd | nd |
| Vinyl chloride | 0.02 | nd | 122% | 120% | nd | nd |
| Bromomethane | 0.05 | nd | | | nd | nd |
| Chloroethane | 0.05 | nd | | | nd | nd |
| Trichlorofluoromethane | 0.05 | nd | | | nd | nd |
| Acetone | 0.25 | nd | | | nd | nd |
| 1,1-Dichloroethene | 0.05 | nd | 102% | 108% | nd | nd |
| Methylene chloride | 0.05 | nd | | | nd | nd |
| Methyl-t-butyl ether (MTBE) | 0.05 | nd | | | nd | nd |
| trans-1,2-Dichloroethene | 0.05 | nd | | | nd | nd |
| 1,1-Dichloroethane | 0.05 | nd | | | nd | nd |
| 2-Butanone (MEK) | 0.25 | nd | | | nd | nd |
| cis-1,2-Dichloroethene | 0.05 | nd | | | nd | nd |
| 2,2-Dichloropropane | 0.05 | nd | | | nd | nd |
| Chloroform | 0.05 | nd | 103% | 107% | nd | nd |
| Bromochloromethane | 0.05 | nd | | | nd | nd |
| 1,1,1-Trichloroethane | 0.05 | nd | | | nd | nd |
| 1,2-Dichloroethane (EDC) | 0.05 | nd | | | nd | nd |
| 1,1-Dichloropropene | 0.05 | nd | | | nd | nd |
| Carbon tetrachloride | 0.05 | nd | | | nd | nd |
| Benzene | 0.02 | nd | 96% | 104% | nd | nd |
| Trichloroethene (TCE) | 0.02 | nd | 90% | 94% | nd | nd |
| 1,2-Dichloropropane | 0.05 | nd | 77% | 84% | nd | nd |
| Dibromomethane | 0.05 | nd | | | nd | nd |
| Bromodichloromethane | 0.05 | nd | | | nd | nd |
| 4-Methyl-2-pentanone (MIBK) | 0.25 | nd | | | nd | nd |
| cis-1,3-Dichloropropene | 0.05 | nd | | | nd | nd |
| Toluene | 0.05 | nd | 87% | 93% | nd | nd |
| trans-1,3-Dichloropropene | 0.05 | nd | | | nd | nd |
| 1,1,2-Trichloroethane | 0.05 | nd | | | nd | nd |
| 2-Hexanone | 0.25 | nd | | | nd | nd |
| 1,3-Dichloropropane | 0.05 | nd | | | nd | nd |
| Dibromochloromethane | 0.05 | nd | | | nd | nd |
| Tetrachloroethene (PCE) | 0.02 | nd | 89% | 92% | nd | nd |
| 1,2-Dibromoethane (EDB) | 0.05 | nd | | | nd | nd |
| Chlorobenzene | 0.05 | nd | 88% | 92% | nd | nd |
| 1,1,1,2-Tetrachloroethane | 0.05 | nd | | | nd | nd |
| Ethylbenzene | 0.05 | nd | 75% | 79% | nd | nd |
| Xylenes | 0.15 | nd | 79% | 82% | nd | nd |
| Styrene | 0.05 | nd | | | nd | nd |
| Bromoform | 0.05 | nd | | | nd | nd |
| 1,1,2,2-Tetrachloroethane | 0.05 | nd | | | nd | nd |
| Isopropylbenzene | 0.05 | nd | | | nd | nd |
| 1,2,3-Trichloropropane | 0.05 | nd | | | nd | nd |
| Bromobenzene | 0.05 | nd | | | nd | nd |

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lab@esnnw.com

**Analysis of Volatile Organic Compounds in Soil by Method 8260C/5035**

| | RL | MB | LCS | LCSD | B14@3' | B14@8' |
|---|---|---|---|---|---|---|
| Date extracted | | 04/23/18 | 04/23/18 | 04/23/18 | 04/18/18 | 04/18/18 |
| Date analyzed | (mg/Kg) | 04/23/18 | 04/23/18 | 04/23/18 | 04/23/18 | 04/23/18 |
| % Moisture | | | | | 90% | 8% |
| n-Propylbenzene | 0.05 | nd | | | nd | nd |
| 2-Chlorotoluene | 0.05 | nd | | | nd | nd |
| 4-Chlorotoluene | 0.05 | nd | | | nd | nd |
| 1,3,5-Trimethylbenzene | 0.05 | nd | | | nd | nd |
| tert-Butylbenzene | 0.05 | nd | | | nd | nd |
| 1,2,4-Trimethylbenzene | 0.05 | nd | | | nd | nd |
| sec-Butylbenzene | 0.05 | nd | | | nd | nd |
| 1,3-Dichlorobenzene | 0.05 | nd | | | nd | nd |
| 1,4-Dichlorobenzene | 0.05 | nd | | | nd | nd |
| Isopropyltoluene | 0.05 | nd | | | nd | nd |
| 1,2-Dichlorobenzene | 0.05 | nd | | | nd | nd |
| n-Butylbenzene | 0.05 | nd | | | nd | nd |
| 1,2-Dibromo-3-Chloropropane | 0.05 | nd | | | nd | nd |
| 1,2,4-Trichlorobenzene | 0.05 | nd | | | nd | nd |
| Naphthalene | 0.05 | nd | | | nd | nd |
| Hexachloro-1,3-butadiene | 0.05 | nd | | | nd | nd |
| 1,2,3-Trichlorobenzene | 0.05 | nd | | | nd | nd |
| Surrogate recoveries | | | | | | |
| Dibromofluoromethane | | 115% | 107% | 106% | 110% | 117% |
| Toluene-d8 | | 107% | 101% | 100% | 104% | 106% |
| 4-Bromofluorobenzene | | 94% | 99% | 101% | 96% | 96% |

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 35%

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**Analysis of Volatile Organic Compounds in Water by Method 8260C/5030C**

Analytical Results

| | RL | MB | LCS | LCSD | B14W | B14W Duplicate |
|---|---|---|---|---|---|---|
| Date analyzed | (ug/L) | 04/20/18 | 04/20/18 | 04/20/18 | 04/20/18 | 04/20/18 |
| Dichlorodifluoromethane | 1.0 | nd | | | nd | nd |
| Chloromethane | 1.0 | nd | | | nd | nd |
| Vinyl chloride | 0.2 | nd | 64% | 91% | nd | nd |
| Bromomethane | 1.0 | nd | | | nd | nd |
| Chloroethane | 1.0 | nd | | | nd | nd |
| Trichlorofluoromethane | 1.0 | nd | | | nd | nd |
| Acetone | 10.0 | nd | | | nd | nd |
| 1,1-Dichloroethene | 1.0 | nd | 80% | 80% | nd | nd |
| Methylene chloride | 1.0 | nd | | | nd | nd |
| Methyl-t-butyl ether (MTBE) | 1.0 | nd | | | **2.4** | **2.6** |
| trans-1,2-Dichloroethene | 1.0 | nd | | | nd | nd |
| 1,1-Dichloroethane | 1.0 | nd | | | nd | nd |
| 2-Butanone (MEK) | 10.0 | nd | | | nd | nd |
| cis-1,2-Dichloroethene | 1.0 | nd | | | nd | nd |
| 2,2-Dichloropropane | 1.0 | nd | | | nd | nd |
| Chloroform | 1.0 | nd | 115% | 118% | nd | nd |
| Bromochloromethane | 1.0 | nd | | | nd | nd |
| 1,1,1-Trichloroethane | 1.0 | nd | | | nd | nd |
| 1,2-Dichloroethane (EDC) | 1.0 | nd | | | nd | nd |
| 1,1-Dichloropropene | 1.0 | nd | | | nd | nd |
| Carbon tetrachloride | 1.0 | nd | | | nd | nd |
| Benzene | 1.0 | nd | 103% | 104% | nd | nd |
| Trichloroethene (TCE) | 1.0 | nd | 99% | 100% | nd | nd |
| 1,2-Dichloropropane | 1.0 | nd | 92% | 93% | nd | nd |
| Dibromomethane | 1.0 | nd | | | nd | nd |
| Bromodichloromethane | 1.0 | nd | | | nd | nd |
| 4-Methyl-2-pentanone (MIBK) | 1.0 | nd | | | nd | nd |
| cis-1,3-Dichloropropene | 1.0 | nd | | | nd | nd |
| Toluene | 1.0 | nd | 144% | 114% | **1.0** | **1.0** |
| trans-1,3-Dichloropropene | 1.0 | nd | | | nd | nd |
| 1,1,2-Trichloroethane | 1.0 | nd | | | nd | nd |
| 2-Hexanone | 1.0 | nd | | | nd | nd |
| 1,3-Dichloropropane | 1.0 | nd | | | nd | nd |
| Dibromochloromethane | 1.0 | nd | | | nd | nd |
| Tetrachloroethene (PCE) | 1.0 | nd | 106% | 106% | nd | nd |
| 1,2-Dibromoethane (EDB) | 1.0 | nd | | | nd | nd |
| Chlorobenzene | 1.0 | nd | 107% | 111% | nd | nd |
| 1,1,1,2-Tetrachloroethane | 1.0 | nd | | | nd | nd |
| Ethylbenzene | 1.0 | nd | 106% | 99% | nd | nd |
| Xylenes | 3.0 | nd | 112% | 107% | nd | nd |
| Styrene | 1.0 | nd | | | nd | nd |
| Bromoform | 1.0 | nd | | | nd | nd |
| 1,1,2,2-Tetrachloroethane | 1.0 | nd | | | nd | nd |
| Isopropylbenzene | 1.0 | nd | | | nd | nd |
| 1,2,3-Trichloropropane | 1.0 | nd | | | nd | nd |
| Bromobenzene | 1.0 | nd | | | nd | nd |

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Associated Environmental Group
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PROJECT #15-112
Washington

**Analysis of Volatile Organic Compounds in Water by Method 8260C/5030C**

Analytical Results

| | RL | MB | LCS | LCSD | B14W | B14W Duplicate |
|---|---|---|---|---|---|---|
| Date analyzed | (ug/L) | 04/20/18 | 04/20/18 | 04/20/18 | 04/20/18 | 04/20/18 |
| n-Propylbenzene | 1.0 | nd | | | nd | nd |
| 2-Chlorotoluene | 1.0 | nd | | | nd | nd |
| 4-Chlorotoluene | 1.0 | nd | | | nd | nd |
| 1,3,5-Trimethylbenzene | 1.0 | nd | | | nd | nd |
| tert-Butylbenzene | 1.0 | nd | | | nd | nd |
| 1,2,4-Trimethylbenzene | 1.0 | nd | | | nd | nd |
| sec-Butylbenzene | 1.0 | nd | | | nd | nd |
| 1,3-Dichlorobenzene | 1.0 | nd | | | nd | nd |
| 1,4-Dichlorobenzene | 1.0 | nd | | | nd | nd |
| Isopropyltoluene | 1.0 | nd | | | nd | nd |
| 1,2-Dichlorobenzene | 1.0 | nd | | | nd | nd |
| n-Butylbenzene | 1.0 | nd | | | nd | nd |
| 1,2-Dibromo-3-Chloropropane | 1.0 | nd | | | nd | nd |
| 1,2,4-Trichlorobenzene | 1.0 | nd | | | nd | nd |
| Naphthalene | 1.0 | nd | | | nd | nd |
| Hexachloro-1,3-butadiene | 1.0 | nd | | | nd | nd |
| 1,2,3-Trichlorobenzene | 1.0 | nd | | | nd | nd |
| Surrogate recoveries | | | | | | |
| Dibromofluoromethane | | 115% | 95% | 95% | 114% | 117% |
| Toluene-d8 | | 105% | 96% | 94% | 103% | 107% |
| 4-Bromofluorobenzene | | 96% | 88% | 101% | 95% | 95% |

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 35%

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Washington

### Total Metals in Soil by EPA-6020 Series

| Sample Number | Date Analyzed | Lead (Pb) (mg/kg) | Cadmium (Cd) (mg/kg) | Chromium (Cr) (mg/kg) | Arsenic (As) (mg/kg) | Mercury (Hg) (mg/kg) |
|---|---|---|---|---|---|---|
| Method Blank | 4/24/2018 | nd | nd | nd | nd | nd |
| B14@3' | 4/24/2018 | **11** | nd | **58** | **11** | nd |
| B14@8' | 4/24/2018 | nd | nd | **45** | **59** | nd |
| Reporting Limits | | 5.0 | 1.0 | 5.0 | 5.0 | 0.5 |

### QA/QC Data - Total Metals EPA-6020

| Sample Number: QC Batch | Laboratory Control Sample | | | Laboratory Control Sample Duplicate | | | RPD |
|---|---|---|---|---|---|---|---|
| | Spiked Conc. (mg/kg) | Measured Conc. (mg/kg) | Spike Recovery (%) | Spiked Conc. (mg/kg) | Measured Conc. (mg/kg) | Spike Recovery (%) | (%) |
| Lead | 100 | 100 | 100 | 100 | 103 | 103 | 3.0 |
| Cadmium | 100 | 101 | 101 | 100 | 101 | 101 | 0.0 |
| Chromium | 100 | 110 | 110 | 100 | 113 | 113 | 2.7 |
| Arsenic | 100 | 108 | 108 | 100 | 109 | 109 | 0.9 |
| Mercury | 10.0 | 9.34 | 93 | 10.0 | 9.63 | 96.3 | 3.1 |

ACCEPTABLE RECOVERY LIMITS FOR LABORATORY CONTROL SAMPLES: 80%-120%
ACCEPTABLE RPD IS 20%

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PROJECT #15-112
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lab@esnnw.com

### Total Metals in Water by EPA-6020 Method

| Sample Number | Date Analyzed | Lead (Pb) (ug/L) | Cadmium (Cd) (ug/L) | Chromium (Cr) (ug/L) | Arsenic (As) (ug/L) | Mercury (Hg) (ug/L) |
|---|---|---|---|---|---|---|
| Method Blank | 4/24/2018 | nd | nd | nd | nd | nd |
| B14W | 4/24/2018 | **5.0** | nd | **21** | **20** | nd |
| B14W Duplicate | 4/24/2018 | **4.2** | nd | **27** | **21** | nd |
| Reporting Limits | | 2.0 | 2.0 | 10 | 2.0 | 1.0 |

"nd" Indicates not detected at listed detection limits.

### QA/QC Data - Total Metals EPA-6020

| | Laboratory Control Sample | | | Laboratory Control Sample Duplicate | | | RPD |
|---|---|---|---|---|---|---|---|
| | Spiked Conc. (ug/L) | Measured Conc. (ug/L) | Spike Recovery (%) | Spiked Conc. (ug/L) | Measured Conc. (ug/L) | Spike Recovery (%) | (%) |
| Lead | 20.0 | 16.3 | 81.5 | 20.0 | 17.2 | 86.0 | 5.37 |
| Cadmium | 20.0 | 17.0 | 85.0 | 20.0 | 17.6 | 88.0 | 3.47 |
| Chromium | 20.0 | 17.6 | 88.0 | 20.0 | 18.9 | 94.5 | 7.12 |
| Arsenic | 20.0 | 17.8 | 89.0 | 20.0 | 18.8 | 94.0 | 5.46 |
| Mercury | 2.00 | 1.76 | 88.0 | 2.00 | 1.83 | 91.5 | 3.90 |

ACCEPTABLE RECOVERY LIMITS FOR LABORATORY CONTROL SAMPLES: 80%-120%
ACCEPTABLE RPD IS 20%

**SPECTRA** Laboratories ...Where experience matters

2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com

04/26/2018

ESN Northwest
1210 Eastside St SE
Suite 200
Olympia, WA 98501
Attn: Julie Woods

Project: H&H Diesel
Sample Matrix: Solid
Date Sampled: 04/18/2018
Date Received: 04/19/2018
Spectra Project: 2018040657

| Client ID | Spectra # | Analyte | Result | Units | Method |
|---|---|---|---|---|---|
| B14 @ 3' | 1 | Ethylene Glycol | <100 | mg/Kg | GC-FID |
| B14 @ 8' | 2 | Ethylene Glycol | <100 | mg/Kg | GC-FID |
| B14 W | 3 | Ethylene Glycol | <10 | mg/L | GC-FID |

SPECTRA LABORATORIES

Jeffrey Cooper, Laboratory Manager

jc/bjn

ESN NORTHWEST, INC. | Environmental Services Network

# CHAIN-OF-CUSTODY RECORD

CLIENT: AEG

ADDRESS: 605 11TH ST. SE

PHONE: 360 352 9835 FAX:

CLIENT PROJECT #: 15-112 PROJECT MANAGER: SHAWN

DATE: 4.18.18 PAGE 1 OF 1

PROJECT NAME: H+H DIESEL / GRAHAM JR.

LOCATION: 407 PORTER WAY

COLLECTOR: SHAWN DATE OF COLLECTION:

| Sample Number | Depth | Time | Sample Type | Container Type | TPH - HCID | TPH - Diesel & Oil | TPH - Gasoline | BTEX | VOC 8260CL | VOC 8260 | SemiVol 8270 | PAH's 8270 | PCB's 8082 | CL Pesticides 8081 | RCRA 8 Metals | MTCA 5 Metals | Pb | Asbestos - PLM | GRO Suite | DRO Suite | WO Suite | ETHYLENE GLYCOL | NOTES | Total Number of Containers | Laboratory Note Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B14 @ 3' | 3' | 1120 | S | 2 VOA 1 JAR | | X | X | X | | X | | | | | X | | | | | | X | | | | |
| 2. @ 8' | 8' | 1130 | S | ↓ | | X | X | X | | X | | | | | X | | | | | | X | | | | |
| 3. @ 11 | 11' | 1140 | S | ↓ | | | | | | | | | | | | | | | | | | | -HOLD- | | |
| 4. B14 W | - | 1200 | W | 6 VOA 2 AMB 4 POLY | | X | X | X | | X | | | | | X | | | | | | X | | | | |
| 5. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18. | | | | | | | | | | | | | | | | | | | | | | | | | |

| RELINQUISHED BY (Signature) | DATE/TIME | RECEIVED BY (Signature) | DATE/TIME |
|---|---|---|---|
| | 4.18.18 1210 | BRIAN BOWES | 4/18/18 |
| RELINQUISHED BY (Signature) | DATE/TIME | RECEIVED BY (Signature) | DATE/TIME |
| | | | |

| SAMPLE RECEIPT | |
|---|---|
| TOTAL NUMBER OF CONTAINERS | |
| CHAIN OF CUSTODY SEALS Y/N/NA | |
| SEALS INTACT? Y/N/NA | |
| RECEIVED GOOD COND./COLD | |
| NOTES: | |

LABORATORY NOTES:

Turn Around Time: 24 HR 48 HR 5 DAY

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