

March 20, 2017

2015-01-103

Mr. Mark Chandler
Vice President of Environmental Services
TOC Holdings Company
2737 W. Commodore Way
Seattle, WA 98199

Subject: **Groundwater Monitoring Report**
Second Quarter, 2016
TOC Holdings Co. Facility No. 01-103
42411 NE Yale Bridge Road Amboy, WA

Dear Mr. Chandler:

This report summarizes the results of the Second Quarter 2016 groundwater sampling events conducted by HydroCon Environmental, LLC (HydroCon) at the TOC Holdings Co. Facility No. 01-103 property located at 42411 NE Yale Bridge Road Amboy, WA (the Property). The Property location is shown on Figure 1. This report presents a summary of the site background, field activities, and results of the quarterly monitoring event.

Site Background

The Site is located in the southeast quarter of Section 12 of Township 5 North, Range 3 East of the Willamette baseline and Meridian as displayed in Figure 1. The Property is a 4.36-acre square-shaped lot located at 42411 NE Yale Bridge Road, Amboy, Washington 98601. The Property is currently owned by Becky J. Graybill and consists of one tax lot (Clark County tax parcel No. 274365000).

A 6,000 square foot restaurant and general store is located in the central portion of the Site. An active fuel dispensing island is located to the southwest of the general store, and the associated tank pit is located to the southeast of the dispensing island. The remainder of the Property is comprised of a paved parking area to the west and south of the general store, and undeveloped land to the north and east (Figure 2).

Three USTs were removed from the subject property in 1993, including one 12,000-gallon and two 8,000-gallon gasoline USTs. The gasoline tanks are reported to have been in place for 18 years at the time of decommissioning (Ecology 2013, 3Kings 2014). Site investigations between 1993 and 2014 including soil and groundwater sampling. In general, gasoline constituents were detected in soil and groundwater samples in the southwest portion of the site, near the former USTs and pump island. Sample locations are shown on Figure 2 and additional details of historical sampling and remedial efforts will be provided in the Cleanup Action Plan (CAP) under preparation.

HydroCon conducted a Subsurface Investigation (SI) in 2015¹ that consisted of abandoning all existing wells at the site, installing and sampling 17 soil borings, sampling groundwater in each of the soil borings, and installing 6 groundwater monitoring wells. Analytical testing included gasoline-range petroleum hydrocarbons (GRPH), diesel--range petroleum hydrocarbons (DRPH), oil--range petroleum hydrocarbons (ORPH), benzene, toluene, ethylbenzene, and xylenes (BTEX), selected volatile organic compounds (VOCs), carcinogenic polynuclear aromatic hydrocarbons (cPAHs), and lead.

Based on the results of laboratory analysis, concentrations of GRPH and xylenes were observed above MTCA Method A cleanup levels (CULs) in the soil samples collected in the area of the former USTs. Concentrations are up to 17 times the CUL for GRPH and 3 times the CUL for total xylenes. Groundwater results from the permanent wells indicate that the area above CULs is limited to the area southeast and downgradient of the former UST area (MW03A).

A CAP to address remaining Site contamination is under preparation.

Scope Of Work

Groundwater samples were collected June 29, 2016 to evaluate the groundwater quality beneath the Site and to eventually demonstrate compliance with MTCA cleanup regulations. The monitoring event included the following activities:

- Measurement of depth to groundwater in monitoring wells MW01A through MW04A, MW05 and MW06.
- Collection of groundwater samples from monitoring wells MW01A through MW04A, MW05 and MW06.
- Collection and analysis of a field duplicate sample from monitoring wells MW06 for quality assurance/quality control (QA/QC) purposes.
- Summarizing the groundwater sampling activities, analytical results, and upcoming work (this report).

Groundwater Sampling Procedures

HydroCon collected groundwater samples June 29, 2016 from monitoring wells MW01A through MW04A, MW05 and MW06. A field duplicate was collected from MW06 for QA/QC purposes. Monitoring wells were purged and sampled in accordance with U.S. Environmental Protection Agency (EPA) guidance for low-flow sampling².

Depth to groundwater was measured in monitoring wells MW01A through MW04A, MW05 and MW06 on June 29, 2016. Prior to well purging and sample collection, the well cap on each well was removed and the

¹ HydroCon 2015. *Subsurface Investigation Report*. TOC Holdings Co. Site 01-103. 42411 NE Yale Bridge Road, Amboy, WA. Prepared for TOC Holdings Co. May 20.

² *Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures (April 1996)*. EPA/540/S-95/504

water level was allowed to equilibrate prior to measuring the depth to water. The depth to water in each well was measured using a clean electronic water level indicator. Water levels were measured at the scribed reference mark (north side of the top of the polyvinyl chloride casing) at each well.

Prior to groundwater sampling, the wells were purged with a low-flow peristaltic pump equipped with a new length of low-density polyethylene tubing attached to a new length of silicone tubing. The tubing intake was placed approximately 2 to 3 feet below the surface of the groundwater or mid-screen in each well. During purging, water quality was monitored using a Quanta multi-parameter water quality meter equipped with a flow-through cell. The water quality parameters monitored and recorded included temperature, pH, specific conductance, dissolved oxygen, turbidity, and oxidation-reduction potential. Each well was purged until all six water quality parameters stabilized or the minimum parameter subset of pH, specific conductance, temperature, and turbidity and/or dissolved oxygen stabilized. Groundwater sample collection forms are provided in Attachment A.

Following purging, groundwater samples were collected from the pump outlet tubing located upstream of the flow-through cell and placed directly into clean, laboratory-prepared sample containers. Each container was labeled with a unique sample identification number, placed on ice in a cooler, and transported under chain-of-custody to Friedman & Bruya, Inc., of Seattle, Washington, for laboratory analysis.

Purge water generated during the monitoring event was placed in an appropriately labeled 55-gallon steel drum and temporarily stored on the Property pending receipt of analytical data for proper disposal.

Laboratory Analysis

The analytical protocols followed for samples collected at the Property include the required testing for petroleum releases for gasoline (Table 830-1 in the MTCA Cleanup Regulations Chapter 173-340 WAC). The analytical methods used include:

- DRPH and ORPH using Northwest Method NWTPH-Dx
- GRPH using Northwest Method NWTPH-Gx
- VOCs including BTEX, ethyl tertiary-butyl ether (MTBE), 1,2-dibromoethane (EDB), 1,2-dichloroethylene (EDC), and naphthalene using EPA Method 8260C
- Total and dissolved lead using EPA Method 200.8.

All samples were analyzed for DRPH, ORPH, GRPH, BTEX, VOCs, and lead. The sample from MW2A was analyzed for cPAHs.

Groundwater Conditions

Groundwater levels measured on June 29, 2016 ranged from 9.95 feet below the top of monitoring well casing (ft below TOC) in monitoring well MW05 to 11.45 ft below TOC in monitoring well MW01A.

Groundwater elevations ranged from 493.54 feet above mean sea level (ft amsl) in MW04A to 493.74 ft amsl in MW01A. Groundwater flow across the site is to the southwest at an approximate gradient of 0.002 feet per foot between MW01A and MW04A.

Groundwater elevations are shown on Figure 3 and the depth to groundwater and groundwater elevations are summarized in Table 1.

Groundwater Sampling Results

Laboratory analytical results from the monitoring events were compared to applicable MTCA Method A cleanup levels (CULs) for groundwater and are summarized on Figure 4 and Table 1.

DRPH exceeded the CUL at MW02A. GRPH exceeded the CUL at MW02A and MW04A.

Data Quality Review

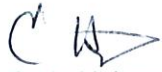
A QA/QC review of the analytical results, which included a review of accuracy and precision of the data supplied by the laboratory. In addition, the relative percent difference (RPD) calculation was attempted for the field duplicate MW99, which was collected by HydroCon from monitoring well MW06 respectively. The RPD for each analyte present above the laboratory reporting limit was within acceptable limits. The RPD cannot be calculated if the results are below the laboratory reporting limit.

DRPH results for MW02A and MW04A were given the lab qualifier "x". The lab qualifier "x" is defined as "The sample chromatographic pattern does not resemble the fuel standard used for quantitation."

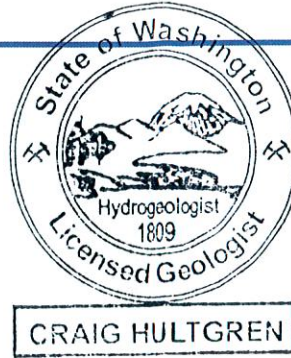
Non detected EDB results were given the validation qualifier "ec" meaning "Method reporting limit exceeds Clean Up Level shown".

All other quality control criteria are acceptable for the samples; therefore, no action is required and analytical results are usable to meet the project objectives. A copy of the laboratory analytical report is provided in Attachment B.

Sincerely,



Craig Hultgren, LHG
Senior Geologist/Project Manager



cc: Nicholas M. Acklam, Washington State Department of Ecology, Northwest Region

Figures

- Figure 1 – Site Location Map
- Figure 2 – Site Features and Utilities
- Figure 3 – Groundwater Elevation Contours for June 2016
- Figure 4 – Groundwater Analytical Results for June 2016

Tables

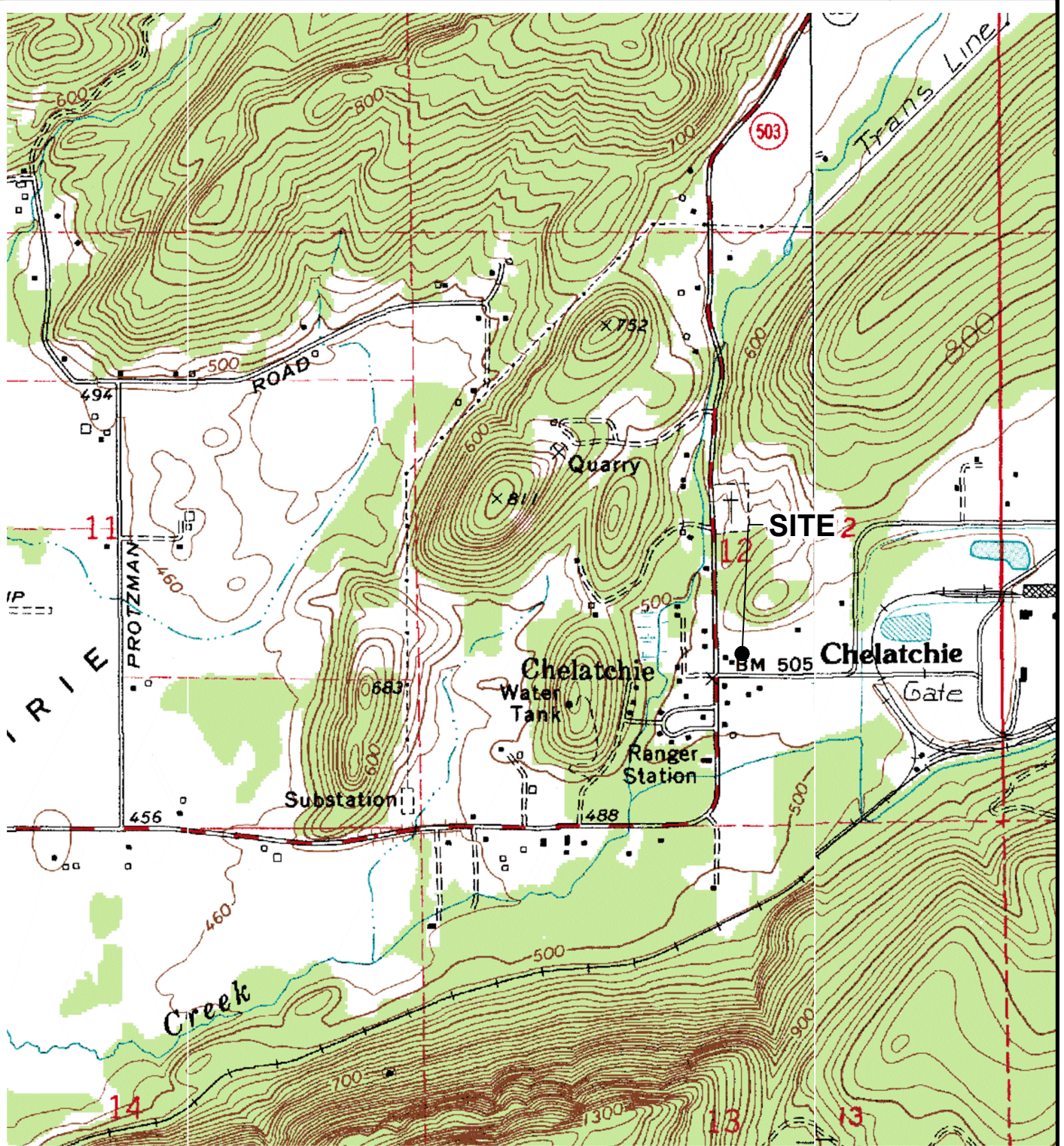
- Table 1 – Groundwater Analytical Results

Attachments

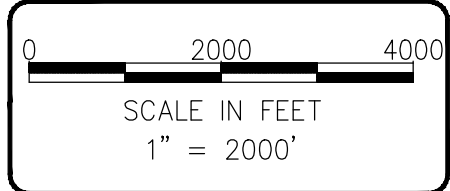
- Attachment A – Groundwater Sample Collection Forms
- Attachment B – Laboratory Report and Chain-of-Custody Documentation

FIGURES

C:\Users\Josh\Desktop\Autocad Files\Hydrocon-Autocad\01-103 Amboy\2016\2016QTR02\01-103_BM-072016.dwg 2.17.2014













NOTE(S):
 USGS, AMBOY QUADRANGLE
 WASHINGTON
 7.5 MINUTE SERIES (TOPOGRAPHIC)

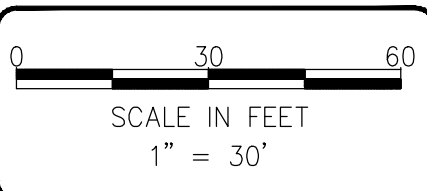
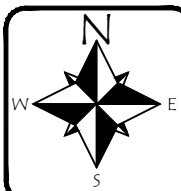
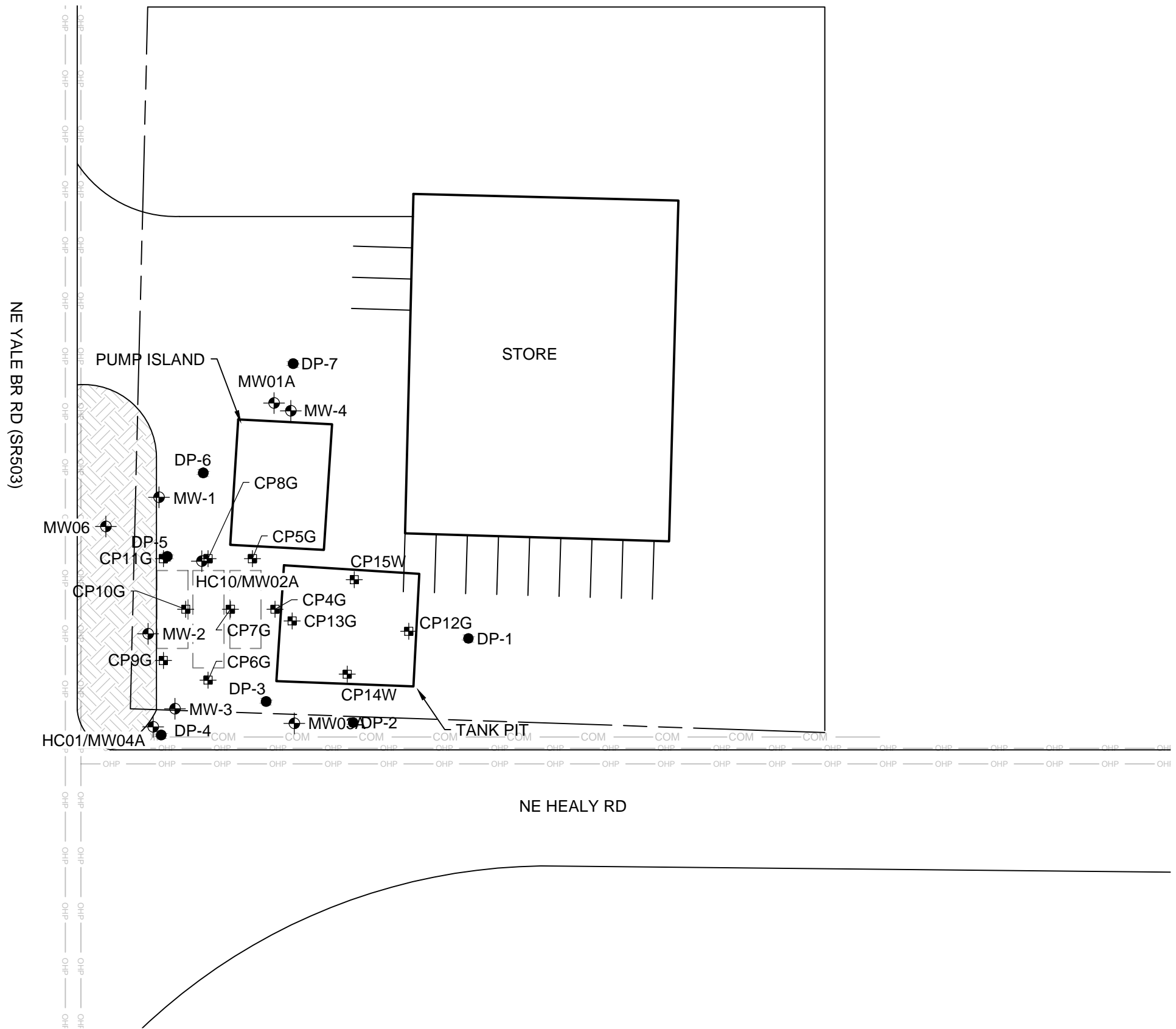


DATE: 7-20-16
 DWN: JJT
 CHK: NV
 APPROVED: NV
 PRJ. MGR: CH
 PROJECT NO:
 01-103

FIGURE 1
 SITE LOCATION MAP
 TOC FACILITY #01-103
 CHELATCHIE PRAIRIE GENERAL STORE
 42411 NE YALE BRIDGE RD
 AMBOY, WA.

LEGEND

-  BUILDING
-  PROPERTY LINE
-  COMMUNICATIONS UTILITY
-  OVERHEAD POWER UTILITY
-  LOCATION OF FORMER USTs
-  LANDSCAPE AREA
-  DP-1 PREVIOUS EXPLORATION LOCATION
-  CP3G PREVIOUS EXPLORATION LOCATION
-  MW01 PREVIOUS MONITORING WELL
-  MW01A MONITORING WELL 2015













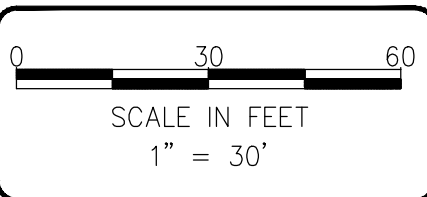
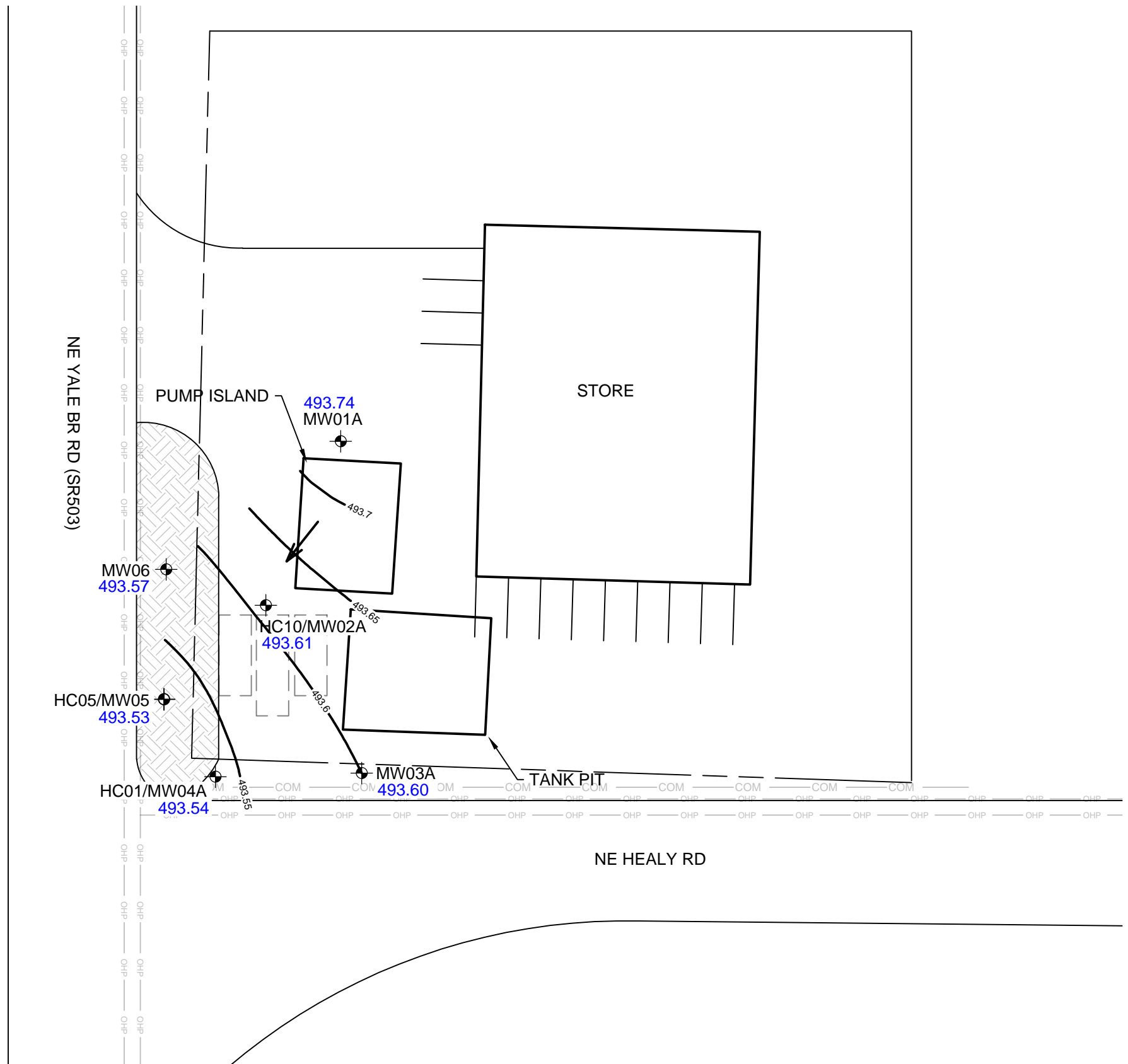
DATE: 7-20-16
 DWN: JJT
 CHK: CH
 APPROVED: CH
 PRJ. MGR: CH
 PROJECT NO:
 01-103

FIGURE 2
 SITE FEATURES AND HISTORICAL
 SAMPLING LOCATIONS
 TOC FACILITY #01-103
 42411 NE YALE BRIDGE RD
 AMBOY, WA.

C:\Users\Josh\Desktop\Autocad Files\Hydrocon-Autocad\01-103 Amboy\2016\QTR\0201-103_BM-072016.dwg 2.17.2014

LEGEND

-  BUILDING
-  PROPERTY LINE
-  OVERHEAD POWER UTILITY
-  COMMUNICATIONS UTILITY
-  LOCATION OF FORMER USTs
-  LANDSCAPE AREA
-  MONITORING WELL
-  GROUNDWATER FLOW DIRECTION
-  GROUNDWATER ELEVATION
-  GROUNDWATER ELEVATION CONTOUR

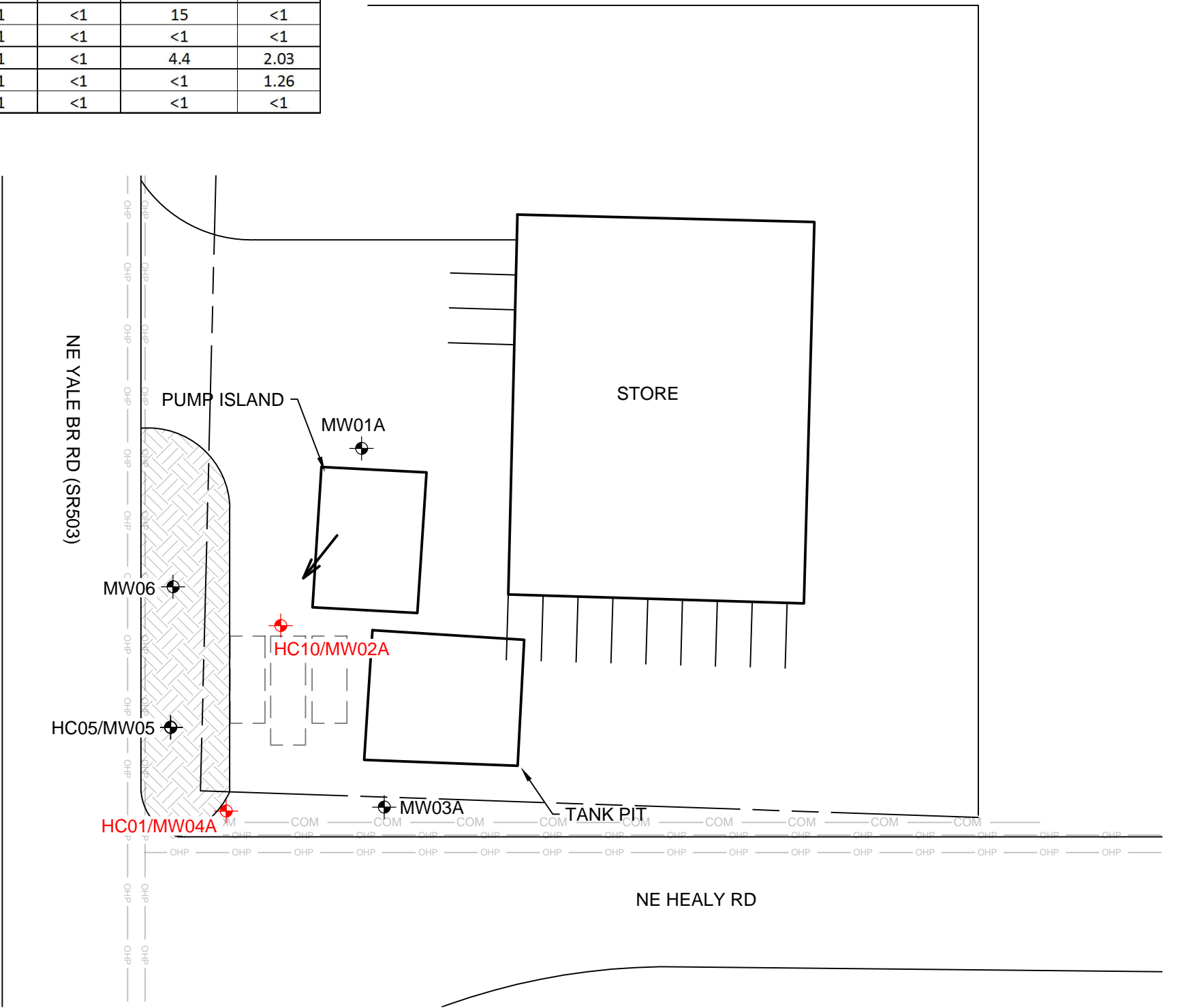


DATE: 7-20-16
DWN: JJT
CHK: CH
APPROVED: CH
PRJ. MGR: CH
PROJECT NO:
01-103

FIGURE 3
GROUNDWATER ELEVATION CONTOURS
FOR JUNE 2016
TOC FACILITY #01-103
42411 NE YALE BRIDGE RD
AMBOY, WA.

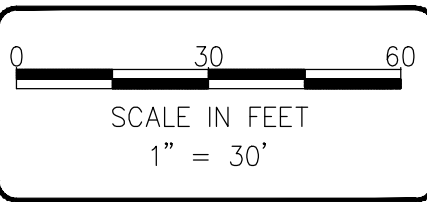
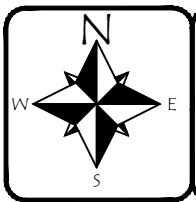
Well ID	Analytical Results (ug/L)											
	DRPH	ORPH	GRPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	EDB	EDC	MTBE	Naphthalene	Lead
MTCA A	500	500	800/1,000	5	1,000	700	1,000	0.01	5	20	160	15
MW01A	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1
MW02A	560 x	<250	1,600	<0.35	<1	7.6	33.7	<1 ec	<1	<1	15	<1
MW03A	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1
MW04A	440 x	<250	1,100	<0.35	<1	8.1	9.2	<1 ec	<1	<1	4.4	2.03
MW05	<50	<250	120	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	1.26
MW06	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1

Notes:
Red denotes concentration exceeds MTCA Cleanup Level for Groundwater.
Lab Qualifiers:
 x - The sample chromatographic pattern does not resemble the fuel standard used for quantification.
 ec - Method reporting limit exceeds Clean Up Level.



LEGEND

- BUILDING
- PROPERTY LINE
- OVERHEAD POWER UTILITY
- COMMUNICATIONS UTILITY
- LOCATION OF FORMER USTs
- LANDSCAPE AREA
- MW05 MONITORING WELL 2015
- GROUNDWATER FLOW DIRECTION



DATE: 7-20-16
 DWN: JJT
 CHK: CH
 APPROVED: CH
 PRJ. MGR: CH
 PROJECT NO:
 01-103

FIGURE 4
 GROUNDWATER ANALYTICAL RESULTS
 FOR JUNE 2016
 TOC FACILITY #01-103
 42411 NE YALE BRIDGE RD
 AMBOY, WA.

TABLES



Table 1
Groundwater Analytical Results
TOC Holding Co. Facility No. 01-103
42411 NE Yale Bridge Road
Amboy, Washington

	Measurement			Fuels		Volatiles									Metal
	Top of Casing	Depth to Groundwater	Groundwater Elevation	DRPH	ORPH	GRPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	EDB	EDC	MTBE	Naphthalene	Lead
	feet	feet	feet	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA A Cleanup for Groundwater Benzene (Non Detect)				500	500	800 1000	5	1,000	700	1,000	0.01	5	20	160	15
Benzene (Detect)						1,000									
						800									

Field ID	Date	Top of Casing	Depth to Groundwater	Groundwater Elevation	DRPH	ORPH	GRPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	EDB	EDC	MTBE	Naphthalene	Lead
MW01A	12/23/2015	505.19	6.6	498.59	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1
	3/30/2016	505.19	8.5	496.69	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1
	6/29/2016	505.19	11.45	493.74	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1
MW02A	12/23/2015	504.38	6	498.38	360 x	<250	530	<0.35	<1	1.2	26.6	<1 ec	<1	<1	3.1	<1
	3/30/2016	504.38	7.85	496.53	290 x	<250	820	<0.35	<1	<1	16.1	<1 ec	<1	<1	7.5	<1
	6/29/2016	504.38	10.77	493.61	560 x	<250	1,600	<0.35	<1	7.6	33.7	<1 ec	<1	<1	15	<1
MW03A	12/23/2015	504.36	6.2	498.16	<50	<250	200	16	6.7	<1	3.6	<1 ec	<1	<1	<1	<1
	3/30/2016	504.36	7.86	496.5	<50	<250	<100	0.5	<1	<1	<3	<1 ec	<1	<1	<1	<1
	6/29/2016	504.36	10.76	493.60	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1
MW04A	12/23/2015	503.74	5.4	498.34	95 x	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1
	3/30/2016	503.74	7.34	496.4	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1
	6/29/2016	503.74	10.20	493.54	440 x	<250	1,100	<0.35	<1	8.1	9.2	<1 ec	<1	<1	4.4	2.03
MW05	12/23/2015	503.48	5.2	498.28	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1
	3/30/2016	503.48	7.02	496.46	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	6.92
	6/29/2016	503.48	9.95	493.53	<50	<250	120	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	1.26
MW06	12/23/2015	503.8	5.32	498.48	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1
	3/30/2016	503.8	7.34	496.46	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1
	6/29/2016	503.80	10.23	493.57	<50	<250	<100	<0.35	<1	<1	<3	<1 ec	<1	<1	<1	<1
MW-1	10/22/1999	-	-	-	-	-	1,800	100	8	130	161	-	-	-	-	-
	5/24/2000	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	1.7	-	-	-	-	-
	11/7/2000	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	0.09	-	-	-	-	-
	6/27/2001	-	-	-	-	-	<100 rla	<0.3 rla	1	1	3	-	-	-	-	-
	2/27/2002	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	9/13/2002	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	1/10/2008	-	-	-	-	-	<100 rla	<0.3 rla	1	<1 rla	<2 rla	-	-	-	-	-
	6/30/2008	-	-	-	-	-	158	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	9/23/2010	160	0 dry	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/31/2010	160	9.66	150.34	-	-	<100	<0.3	<1	<1	<2	-	-	-	-	-
	3/30/2011	160	5.59	154.41	-	-	<100	<0.3	<1	<1	<2	-	-	-	-	-
	6/27/2011	160	12.61	147.39	-	-	<100	<0.3	<1	<1	<2	-	-	-	-	-
	9/27/2011	160	0 dry	-	-	-	-	-	-	-	-	-	-	-	-	-



Table 1
 Groundwater Analytical Results
 TOC Holding Co. Facility No. 01-103
 42411 NE Yale Bridge Road
 Amboy, Washington

	Measurement			Fuels		Volatiles									Metal	
	Top of Casing	Depth to Groundwater	Groundwater Elevation	DRPH	ORPH	GRPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	EDB	EDC	MTBE	Naphthalene	Lead	
	feet	feet	feet	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
WA MTCA A Cleanup for Groundwater Benzene (Non Detect)				500	500	800	1,000	5	1,000	700	1,000	0.01	5	20	160	15
Benzene (Detect)						1,000										
						800										

Field ID	Date	Top of Casing	Depth to Groundwater	Groundwater Elevation	DRPH	ORPH	GRPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	EDB	EDC	MTBE	Naphthalene	Lead
MW-2	10/22/1999	-	-	-	-	-	200	6.8	0.8	8.6	10.2	-	-	-	-	-
	5/24/2000	-	-	-	-	-	3,700	490	58	3.4	628	-	-	-	-	-
	11/7/2000	-	-	-	-	-	10,500	398	34	434	323	-	-	-	-	-
	6/27/2001	-	-	-	-	-	9,430	544	47	804	662	-	-	-	-	-
	2/27/2002	-	-	-	-	-	8,240	291	35	424	453	-	-	-	-	-
	9/13/2002	-	-	-	-	-	436	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	5/5/2003	-	-	-	-	-	16,000	465	30	<1 rla	960	-	-	-	-	-
	5/4/2007	-	-	-	-	-	4,720	20	24	165	163	-	-	-	-	-
	1/10/2008	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	9/23/2010	157.71	0 dry	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/31/2010	157.71	7.15	150.56	-	-	<100	<0.3	<1	<1	<2	-	-	-	-	-
	3/30/2011	157.71	4.98	152.73	-	-	<100	<0.3	<1	<1	<2	-	-	-	-	-
	6/27/2011	157.71	0 dry	-	-	-	-	-	-	169	-	-	-	-	-	-
9/27/2011	157.71	0 dry	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-3	10/22/1999	-	-	-	-	-	<100 rla	0.9	<1 rla	0.6	<2 rla	-	-	-	-	-
	5/24/2000	-	-	-	-	-	3.9	1,150	61	85	465	-	-	-	-	-
	11/7/2000	-	-	-	-	-	8,420	1,322	118	124	369	-	-	-	-	-
	6/27/2001	-	-	-	-	-	50,100	2,120	134	603	649	-	-	-	-	-
	2/27/2002	-	-	-	-	-	4,610	705	27	331	177	-	-	-	-	-
	9/13/2002	-	-	-	-	-	730	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	5/5/2003	-	-	-	-	-	5,450	338	19	<1 rla	126	-	-	-	-	-
	5/4/2007	-	-	-	-	-	4,890	539	34	563	347	-	-	-	-	-
	9/28/2007	-	-	-	-	-	377	1	2	2	70	-	-	-	-	-
	1/10/2008	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	6/30/2008	-	-	-	-	-	1,810	<0.3 rla	1	3	7	-	-	-	-	-
	9/23/2010	157.59	13.21	144.38	-	-	1,030	-	2.43	18.2	38	-	-	-	-	-
	12/31/2010	157.59	7.28	150.31	-	-	308	1.1	<1	<1	<2	-	-	-	-	-
	3/30/2011	157.59	4.19	153.4	-	-	<100	<0.3	<1	<1	<2	-	-	-	-	-
	6/27/2011	157.59	10.06	147.58	-	-	<100	<0.3	<1	<1	<2	-	-	-	-	-
9/27/2011	157.59	12.68	144.91	-	-	<50	<0.3	<1	<1	<3	-	-	-	-	-	
3/11/2014	-	-	-	-	-	162	<0.3	<0.5	2.89	13.9	-	-	-	-	0.213	



Table 1
Groundwater Analytical Results
TOC Holding Co. Facility No. 01-103
42411 NE Yale Bridge Road
Amboy, Washington

	Measurement			Fuels		Volatiles									Metal
	Top of Casing	Depth to Groundwater	Groundwater Elevation	DRPH	ORPH	GRPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	EDB	EDC	MTBE	Naphthalene	Lead
	feet	feet	feet	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA A Cleanup for Groundwater				500	500	800 1000	5	1,000	700	1,000	0.01	5	20	160	15
Benzene (Non Detect)						1,000									
Benzene (Detect)						800									

Field ID	Date	Top of Casing	Depth to Groundwater	Groundwater Elevation	DRPH	ORPH	GRPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	EDB	EDC	MTBE	Naphthalene	Lead
MW-4	10/22/1999	-	-	-	-	-	<100 rla	<1	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	1/12/2000	-	-	-	-	-	-	<0.3 rla	-	-	-	-	-	-	-	-
	5/24/2000	-	-	-	-	-	<100 rla	0.5	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	11/7/2000	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	6/27/2001	-	-	-	-	-	477	<0.3 rla	<1 rla	56	2	-	-	-	-	-
	2/27/2002	-	-	-	-	-	159	1	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	9/13/2002	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	5/4/2007	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	4	<2 rla	-	-	-	-	-
	9/28/2007	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	7	-	-	-	-	-
	1/10/2008	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	6/30/2008	-	-	-	-	-	155	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	9/23/2010	160.52	14.57	145.95	-	-	<100	<0.3	<0.5	<0.5	<1.5	-	-	-	-	-
	12/31/2010	160.52	8.39	152.13	-	-	<100	<0.3	<1	<1	<2	-	-	-	-	-
	3/30/2011	160.52	4.27	156.25	-	-	<100	<0.3	<1	<1	<2	-	-	-	-	-
6/27/2011	160.52	10.53	149.99	-	-	<100	<0.3	<1	<1	<2	-	-	-	-	-	
9/27/2011	160.52	13.11	147.41	-	-	<50	<1	<1	<1	<3	-	-	-	-	-	
MW-5	1/12/2000	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	5/24/2000	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	2/27/2002	-	-	-	-	-	33	1	<1 rla	<1 rla	2	-	-	-	-	-
	9/13/2002	-	-	-	-	-	<100 rla	0.05	<1 rla	<1 rla	<2 rla	-	-	-	-	-
MW-6	1/12/2000	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	5/24/2000	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	11/7/2000	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	6/27/2001	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
	2/27/2002	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-
9/13/2002	-	-	-	-	-	<100 rla	<0.3 rla	<1 rla	<1 rla	<2 rla	-	-	-	-	-	

Notes

Red denotes concentration in excess of MTCA Method Cleanup Level for Groundwater.
 Samples in 2015 and forward analyzed by Friedman & Bruya, Inc. of Seattle, Washington.
 Top of casings elevations surveyed in 2015Q4 using NAVD88.
 Prior elevations surveyed using an arbitrary benchmark of 100.00 feet and/or are unknown.
 GRPH analyzed by Method NWTPH-Gx.
 Volatiles analyzed by EPA Method 8021B or 8260.
 DRPH and ORPH analyzed by Method NWTPH-Dx.
 Metals analyzed by EPA Method 200.8.
 MTCA Method A Cleanup Levels, WAC 173-340-720 through 173-340-760, revised Nov., 2007.

dry - Well is dry. No sample collected.
 ec - Method reporting limit exceeds Clean Up Level shown.
 rla - Reporting Limit Assumed
 x - The pattern of peaks is not indicative of diesel.

* = No well installation/decommissioning records are available for these wells.
 Wells believed to be abandoned in 2007.
 - = not analyzed/not measured; SPH not detected
 < = not detected at a concentration exceeding the laboratory reporting limit
 µg/L = micrograms per liter
 DRPH = Diesel Range Petroleum Hydrocarbon
 EDB = 1,2-dibromoethane (ethylene dibromide)
 EDC = 1,2-dichloroethylene (ethylene dichloride)
 EPA = U.S. Environmental Protection Agency
 GRPH = Gasoline Range Petroleum Hydrocarbon
 MTBE = methyl tertiary-butyl ether
 MTCA = Washington State Model Toxics Control Act
 NWTPH = Northwest Total Petroleum Hydrocarbon
 ORPH = Oil Range Petroleum Hydrocarbon
 WAC = Washington Administrative Code

ATTACHMENT A

Groundwater Sample Collection Forms



GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: MW01A

Project Name (Number): TOC Amboy Sample I.D.: MW01A Time: 12:25
 HydroCon Project Number: 01-103 Field Duplicate I.D.: - Time: -
 Date: 6/29/16 Personnel: JPH Signature: [Signature]

WELL INFORMATION

Monument condition: Good Needs repair: _____ Water in Monument
 Well cap condition: Good Replaced Needs Replacement Surface Water Well Infiltration
 Headspace reading: Not measured PID Reading _____ ppm Odor: _____
 Well diameter: 2-inch 4-inch 6-inch Other: _____
 Comments _____

PURGING INFORMATION

Total well depth: 25.11 ft Bottom: Hard Soft Not measured Screen Interval(s): _____
 Depth to product: _____ ft
 Depth to water: 11.44 ft Intake Depth (BTOC): _____ Begin Purging Well: 12:00
 Casing volume: 13.67 ft (H₂O) X 0.16 gal/ft = 2.2 gal. X 3 = 6.6 gal.
 Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"= 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type: Peristaltic Centrifugal Bladder Submersible Other _____
 Bailer type: _____ Water Disposal: Drummed Remediation System Other _____

FIELD PARAMETERS

Odor and/or Sheen: _____

Time	Water Level (BTOC)	Purge Rate (L/min) (0.100-0.500)	Temp. (°C) (±3%)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
12:05	11.44	0.100	12.8	0.052	63.6	5.65	145.7	
12:08	11.45		12.8	0.052	62.2	5.65	143.4	
12:11	11.45		12.8	0.052	61.2	5.60	151.2	
12:14	11.45		12.9	0.052	59.9	5.58	152.9	
12:17	11.45		12.8	0.052	61.3	5.56	156.3	
12:20	11.45		12.8	0.052	61.6	5.51	157.9	

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity and/or Dissolved Oxygen are recorded within their respective stabilization criteria. A minimum of six measurements should be recorded.

Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis Requested (Circle Appropriate Analysis)
40 ml VOA	3/ 6 /12	HCl	No 0.45 0.10	NWTPH-GX / BTEX (8260C), EDC, EDB, MTBE, N
500 ml AGB	2	None / HCl	No 0.45 0.10	NWTPH-Dx / DxSG
500 ml Poly	1	HNO ₃	No 0.45 0.10	Total Pb
500 ml Poly	1	HNO ₃	No 0.45 0.10	Dissolved Pb
			No 0.45 0.10	

Sampling Comments: _____
 Sample Equipment: WL: _____ Interface: _____ Quanta: _____ YSI: _____ Sc. Turb: _____
 Pump MFR: _____ Model: _____ Serial: _____



GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: MW02A

Project Name (Number): TOC Amboy Sample I.D.: MW02A Time: 1:10
 HydroCon Project Number: 01-103 Field Duplicate I.D.: _____ Time: _____
 Date: 6/29/16 Personnel: JPH Signature: _____

WELL INFORMATION

Monument condition: Good Needs repair: _____ Water in Monument
 Well cap condition: Good Replaced Needs Replacement Surface Water Well Infiltration
 Headspace reading: Not measured PID Reading _____ ppm Odor: _____
 Well diameter: 2-inch 4-inch 6-inch Other: _____
 Comments _____

PURGING INFORMATION

Total well depth: 14.58 ft Bottom: Hard Soft Not measured Screen Interval(s): _____
 Depth to product: _____ ft
 Depth to water: 10.87 ft Intake Depth (BTOC): _____ Begin Purging Well: 12:48
 Casing volume: 13.74 ft (H₂O) X 0.16 gal/ft = 2.2 gal. X 3 = 6.6 gal.
 Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"= 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type: Peristaltic Centrifugal Bladder Submersible Other _____
 Bailer type: _____ Water Disposal: Drummed Remediation System Other _____

FIELD PARAMETERS

Odor and/or Sheen: _____

Time	Water Level (BTOC)	Purge Rate (L/min) (0.100-0.500)	Temp. (°C) (±3%)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
12:53	10.84	0.100	13.5	0.057	23.3	5.74 5.74	151.3	
12:56	10.87		13.5	0.057	21.1	5.71	149.4	
12:59	10.88		13.6	0.057	20.4	5.67	148.0	
1:02	10.88		13.6	0.055	19.8	5.65	147.2	
1:05	10.87		13.7	0.055	19.5	5.62	146.6	
1:08	10.87		13.7	0.057	19.1	5.64	145.8	

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity and/or Dissolved Oxygen are recorded within their respective stabilization criteria. A minimum of six measurements should be recorded.

Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis Requested (Circle Appropriate Analysis)
40 ml VOA	3/6/12	HCl	No 0.45 0.10	NWTPH-GX / BTEX (8260C), EDC, EDB, MTBE, N
500 ml AGB	2	None / HCl	No 0.45 0.10	NWTPH-Dx / DxSG
500 ml Poly	1	HNO ₃	No 0.45 0.10	Total Pb
500 ml Poly	1	HNO ₃	No 0.45 0.10	Dissolved Pb
			No 0.45 0.10	

Sampling Comments: _____
 Sample Equipment: WL: _____ Interface: _____ Quanta: _____ YSI: _____ Sc. Turb: _____
 Pump MFR: _____ Model: _____ Serial: _____



GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: MW03A

Project Name (Number): Loc Ambay Sample I.D.: MW03A Time: 1:55
 HydroCon Project Number: 01-103 Field Duplicate I.D.: - Time: -
 Date: 6/29/16 Personnel: JPH Signature: [Signature]

WELL INFORMATION

Monument condition: Good Needs repair: _____ Water in Monument
 Well cap condition: Good Replaced Needs Replacement Surface Water Well Infiltration
 Headspace reading: Not measured PID Reading _____ ppm Odor: _____
 Well diameter: 2-inch 4-inch 6-inch Other: _____
 Comments _____

PURGING INFORMATION

Total well depth: 24.37 ft Bottom: Hard Soft Not measured Screen Interval(s): _____
 Depth to product: _____ ft
 Depth to water: 10.75 ft Intake Depth (BTOC): _____ Begin Purging Well: 1:31
 Casing volume: 14.12 ft (H₂O) X 0.16 gal/ft = 2.3 gal. X 3 = 6.9 gal.
 Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"=1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type: Peristaltic Centrifugal Bladder Submersible Other _____
 Bailer type: _____ Water Disposal: Drummed Remediation System Other _____

FIELD PARAMETERS

Odor and/or Sheen: _____

Time	Water Level (BTOC)	Purge Rate (L/min) (0.100-0.500)	Temp. (°C) (±3%)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (±10% or ≤10)
1:36	10.75	0.100	13.6	0.036	57.2	5.83	127.9	
1:39	10.77		13.6	0.034	54.3	5.80	132.4	
1:42	10.77		13.7	0.034	54.4	5.75	134.0	
1:45	10.77		13.8	0.033	54.2	5.73	133.9	
1:48	10.76		14.0	0.033	57.5	5.71	133.3	
1:51	10.76		14.0	0.033	53.1	5.69	133.1	

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity and/or Dissolved Oxygen are recorded within their respective stabilization criteria. A minimum of six measurements should be recorded.

Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis Requested (Circle Appropriate Analysis)
40 ml VOA	3/6/12	HCl	No 0.45 0.10	NWTPH-GX / BTEX (8260C), EDC, EDB, MTBE, N
500 ml AGB	2	None / HCl	No 0.45 0.10	NWTPH-Dx / DxSG
500 ml Poly	1	HNO ₃	No 0.45 0.10	Total Pb
500 ml Poly	1	HNO ₃	No 0.45 0.10	Dissolved Pb
			No 0.45 0.10	

Sampling Comments: _____

Sample Equipment: WL: _____ Interface: _____ Quanta: _____ YSI: _____ Sc. Turb: _____

Pump MFR: _____ Model: _____ Serial: _____



GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: MW04A

Project Name (Number): Pol Ambry Sample I.D.: MW04A Time: 9:35
 HydroCon Project Number: 01-103 Field Duplicate I.D.: _____ Time: _____
 Date: 6/29/16 Personnel: JPH Signature: _____

WELL INFORMATION

Monument condition: Good Needs repair: _____ Water in Monument
 Well cap condition: Good Replaced Needs Replacement Surface Water Well Infiltration
 Headspace reading: Not measured PID Reading _____ ppm Odor: _____
 Well diameter: 2-inch 4-inch 6-inch Other: _____
 Comments _____

PURGING INFORMATION

Total well depth: 24.95 ft Bottom: Hard Soft Not measured Screen Interval(s): 5-25
 Depth to product: _____ ft
 Depth to water: 10.20 ft Intake Depth (BTOC): _____ Begin Purging Well: 9:13
 Casing volume: 14.75 ft (H₂O) X 0.16 gal/ft = 2.36 gal. X 3 = 7.08 gal.
 Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"=1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type: Peristaltic Centrifugal Bladder Submersible Other _____
 Bailer type: _____ Water Disposal: Drummed Remediation System Other _____

FIELD PARAMETERS

Odor and/or Sheen: _____

Time	Water Level (BTOC)	Purge Rate (L/min) (0.100-0.500)	Temp. (°C) (±3%)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (±10% or ≤10)
9:13	10.59	0.100	12.6	0.062	20.3	6.01	96.1	
9:16	10.53		12.7	0.057	19.1	5.89	106.2	
9:19	10.50		12.7	0.054	18.6	5.84	104.2	
9:22	10.50		12.8	0.054	18.5	5.83	103.4	
9:25	10.49		12.8	0.052	18.1	5.83	103.7	
9:28	10.49		12.8	0.052	18.2	5.83	103.6	

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity and/or Dissolved Oxygen are recorded within their respective stabilization criteria. A minimum of six measurements should be recorded.

Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis Requested (Circle Appropriate Analysis)
40 ml VOA	3/6/12	HCl	No 0.45 0.10	NWTPH-GX / BTEX (8260C), EDC, EDB, MTBE, N
500 ml AGB	2	None / HCl	No 0.45 0.10	NWTPH-Dx / DxSG
500 ml Poly	1	HNO ₃	No 0.45 0.10	Total Pb
500 ml Poly	1	HNO ₃	No 0.45 0.10	Dissolved Pb
			No 0.45 0.10	

Sampling Comments: _____

Sample Equipment: WL: _____ Interface: _____ Quanta: _____ YSI: _____ Sc. Turb: _____

Pump MFR: _____ Model: _____ Serial: _____



GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: MW05

Project Name (Number): TOC Amboy Sample I.D.: MW05 Time: 10:20
 HydroCon Project Number: 01-103 Field Duplicate I.D.: - Time: -
 Date: 6/29/16 Personnel: JPH Signature: [Signature]

WELL INFORMATION

Monument condition: Good Needs repair: _____ Water in Monument
 Well cap condition: Good Replaced Needs Replacement Surface Water Well Infiltration
 Headspace reading: Not measured PID Reading _____ ppm Odor: _____
 Well diameter: 2-inch 4-inch 6-inch Other: _____
 Comments: _____

PURGING INFORMATION

Total well depth: 24.4 ft Bottom: Hard Soft Not measured Screen Interval(s): 5-25
 Depth to product: - ft
 Depth to water: 10.00 ft Intake Depth (BTOC): _____ Begin Purging Well: 10:09:55
 Casing volume: 14.4 ft (H₂O) X 0.16 gal/ft = 2.3 gal. X 3 = 6.9 gal.
 Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"= 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type: Peristaltic Centrifugal Bladder Submersible Other _____
 Bailer type: _____ Water Disposal: Drummed Remediation System Other _____

FIELD PARAMETERS

Odor and/or Sheen: _____

Time	Water Level (BTOC)	Purge Rate (L/min) (0.100-0.500)	Temp. (°C) (±3%)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
10:00	10.05	0.100	12.5	0.041	25.8	5.78	99.6	
10:03	10.13		12.5	0.042	23.6	5.74	106.6	
10:06	10.16		12.5	0.044	22.4	5.71	110.6	
10:09	10.16		12.5	0.042	21.9	5.69	113.7	
10:12	10.16		12.5	0.040	21.2	5.68	116.2	
10:15	10.17		12.6	0.042	21.2	5.67	118.5	

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity and/or Dissolved Oxygen are recorded within their respective stabilization criteria. A minimum of six measurements should be recorded.
 Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis Requested (Circle Appropriate Analysis)
40 ml VOA	3/6/12	HCl	No 0.45 0.10	NWTPH-GX / BTEX (8260C), EDC, EDB, MTBE, N
500 ml AGB	2	None / HCl	No 0.45 0.10	NWTPH-Dx / DxSG
500 ml Poly	1	HNO ₃	No 0.45 0.10	Total Pb
500 ml Poly	1	HNO ₃	No 0.45 0.10	Dissolved Pb
			No 0.45 0.10	

Sampling Comments: _____
 Sample Equipment: WL: _____ Interface: _____ Quanta: _____ YSI: _____ Sc. Turb: _____
 Pump MFR: _____ Model: _____ Serial: _____



GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: MW06Project Name (Number): TOC Ambony
HydroCon Project Number: 01-103
Date: 6/29/16 Personnel: JPHSample I.D.: MW06 Time: 11:05
Field Duplicate I.D.: MW99 Time: -
Signature: [Signature]

WELL INFORMATION

Monument condition: Good Needs repair: _____ Water in Monument
Well cap condition: Good Replaced Needs Replacement Surface Water Well Infiltration
Headspace reading: Not measured PID Reading _____ ppm Odor: _____
Well diameter: 2-inch 4-inch 6-inch Other: _____
Comments _____

PURGING INFORMATION

Total well depth: 24.25 ft Bottom: Hard Soft Not measured Screen Interval(s): 5-25
Depth to product: - ft
Depth to water: 10.25 ft Intake Depth (BTOC): _____ Begin Purging Well: 10:43
Casing volume: 14.0 ft (H₂O) X 0.16 gal/ft = 2.24 gal. X 3 = 6.7 gal.
Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"=1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type: Peristaltic Centrifugal Bladder Submersible Other _____
Bailer type: _____ Water Disposal: Drummed Remediation System Other _____

FIELD PARAMETERS

Odor and/or Sheen: _____

Time	Water Level (BTOC)	Purge Rate (L/min) (0.100-0.500)	Temp. (°C) (±3%)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (±10% or ≤10)
10:48	10.25	0.160	12.2	0.016	70.0	5.81	114.9	
10:51	10.27		12.2	0.015	65.4	5.75	123.4	
10:54	10.26		12.3	0.015	66.2	5.71	123.3	
10:57	10.26		12.3	0.016	65.2	5.68	133.4	
11:00	10.27		12.5	0.015	65.4	5.67	137.2	
11:03	10.27		12.3	0.015	65.6	5.66	140.1	

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity and/or Dissolved Oxygen are recorded within their respective stabilization criteria. A minimum of six measurements should be recorded.

Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis Requested (Circle Appropriate Analysis)
40 ml VOA	3/6/12	HCl	No 0.45 0.10	NWTPH-GX / BTEX (8260C), EDC, EDB, MTBE, N
500 ml AGB	2	None / HCl	No 0.45 0.10	NWTPH-Dx / DxSG
500 ml Poly	1	HNO ₃	No 0.45 0.10	Total Pb
500 ml Poly	1	HNO ₃	No 0.45 0.10	Dissolved Pb
			No 0.45 0.10	

Sampling Comments: _____
Sample Equipment: WL: _____ Interface: _____ Quanta: _____ YSI: _____ Sc. Turb: _____
Pump MFR: _____ Model: _____ Serial: _____

ATTACHMENT B

Laboratory Report and Chain-of-Custody Documentation

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

July 15, 2016

Craig Hultgren, Project Manager
HydroCon
510 Allen St, Suite B
Kelso, WA 98626

Dear Mr. Hultgren:

Included are the results from the testing of material submitted on June 30, 2016 from the TOC_01-103 GW, WORFDB8 F&BI 606566 project. There are 24 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures

c: Rob Honsberger, Allison Greiner
HDC0715R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on June 30, 2016 by Friedman & Bruya, Inc. from the HydroCon TOC_01-103 GW, WORFDB8 F&BI 606566 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>HydroCon</u>
606566 -01	MW01A
606566 -02	MW02A
606566 -03	MW03A
606566 -04	MW04A
606566 -05	MW05
606566 -06	MW06
606566 -07	MW99

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/16

Date Received: 06/30/16

Project: TOC_01-103 GW, WORFDB8 F&BI 606566

Date Extracted: 07/01/16

Date Analyzed: 07/01/16

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 51-134)
MW01A 606566-01	<100	90
MW02A 606566-02	1,600	103
MW03A 606566-03	<100	90
MW04A 606566-04	1,100	105
MW05 606566-05	120	90
MW06 606566-06	<100	88
MW99 606566-07	<100	89
Method Blank 06-1328 MB	<100	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/16

Date Received: 06/30/16

Project: TOC_01-103 GW, WORFDB8 F&BI 606566

Date Extracted: 07/01/16

Date Analyzed: 07/01/16

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 41-152)
MW01A 606566-01	<50	<250	106
MW02A 606566-02	560 x	<250	98
MW03A 606566-03	<50	<250	101
MW04A 606566-04	440 x	<250	101
MW05 606566-05	<50	<250	99
MW06 606566-06	<50	<250	97
MW99 606566-07	<50	<250	99
Method Blank 06-1344 MB	<50	<250	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW01A	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/08/16	Lab ID:	606566-01
Date Analyzed:	07/13/16	Data File:	606566-01.062
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW02A	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/08/16	Lab ID:	606566-02
Date Analyzed:	07/13/16	Data File:	606566-02.063
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW03A	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/08/16	Lab ID:	606566-03
Date Analyzed:	07/13/16	Data File:	606566-03.064
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW04A	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/08/16	Lab ID:	606566-04
Date Analyzed:	07/13/16	Data File:	606566-04.065
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	2.03

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW05	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/08/16	Lab ID:	606566-05
Date Analyzed:	07/13/16	Data File:	606566-05.067
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	1.26

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW06	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/08/16	Lab ID:	606566-06
Date Analyzed:	07/13/16	Data File:	606566-06.068
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW99	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/08/16	Lab ID:	606566-07
Date Analyzed:	07/13/16	Data File:	606566-07.069
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	HydroCon
Date Received:	NA	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/08/16	Lab ID:	I6-445 mb
Date Analyzed:	07/08/16	Data File:	I6-445 mb.052
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW01A	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/01/16	Lab ID:	606566-01
Date Analyzed:	07/01/16	Data File:	070110.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	57	121
Toluene-d8	103	63	127
4-Bromofluorobenzene	103	60	133

Compounds:	Concentration ug/L (ppb)
Methyl t-butyl ether (MTBE)	<1
1,2-Dichloroethane (EDC)	<1
Benzene	<0.35
Toluene	<1
1,2-Dibromoethane (EDB)	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW02A	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/01/16	Lab ID:	606566-02
Date Analyzed:	07/01/16	Data File:	070111.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	57	121
Toluene-d8	103	63	127
4-Bromofluorobenzene	100	60	133

Compounds:	Concentration ug/L (ppb)
Methyl t-butyl ether (MTBE)	<1
1,2-Dichloroethane (EDC)	<1
Benzene	<0.35
Toluene	<1
1,2-Dibromoethane (EDB)	<1
Ethylbenzene	7.6
m,p-Xylene	29
o-Xylene	4.7
Naphthalene	15

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW03A	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/01/16	Lab ID:	606566-03
Date Analyzed:	07/01/16	Data File:	070112.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	57	121
Toluene-d8	103	63	127
4-Bromofluorobenzene	103	60	133

Compounds:	Concentration ug/L (ppb)
Methyl t-butyl ether (MTBE)	<1
1,2-Dichloroethane (EDC)	<1
Benzene	<0.35
Toluene	<1
1,2-Dibromoethane (EDB)	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW04A	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/01/16	Lab ID:	606566-04
Date Analyzed:	07/01/16	Data File:	070113.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	57	121
Toluene-d8	105	63	127
4-Bromofluorobenzene	103	60	133

Compounds:	Concentration ug/L (ppb)
Methyl t-butyl ether (MTBE)	<1
1,2-Dichloroethane (EDC)	<1
Benzene	<0.35
Toluene	<1
1,2-Dibromoethane (EDB)	<1
Ethylbenzene	8.1
m,p-Xylene	7.7
o-Xylene	1.5
Naphthalene	4.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW05	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/01/16	Lab ID:	606566-05
Date Analyzed:	07/01/16	Data File:	070114.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	57	121
Toluene-d8	104	63	127
4-Bromofluorobenzene	103	60	133

Compounds:	Concentration ug/L (ppb)
Methyl t-butyl ether (MTBE)	<1
1,2-Dichloroethane (EDC)	<1
Benzene	<0.35
Toluene	<1
1,2-Dibromoethane (EDB)	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW06	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/01/16	Lab ID:	606566-06
Date Analyzed:	07/01/16	Data File:	070115.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	57	121
Toluene-d8	103	63	127
4-Bromofluorobenzene	102	60	133

Compounds:	Concentration ug/L (ppb)
Methyl t-butyl ether (MTBE)	<1
1,2-Dichloroethane (EDC)	<1
Benzene	<0.35
Toluene	<1
1,2-Dibromoethane (EDB)	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW99	Client:	HydroCon
Date Received:	06/30/16	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/01/16	Lab ID:	606566-07
Date Analyzed:	07/01/16	Data File:	070116.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	57	121
Toluene-d8	104	63	127
4-Bromofluorobenzene	103	60	133

Compounds:	Concentration ug/L (ppb)
Methyl t-butyl ether (MTBE)	<1
1,2-Dichloroethane (EDC)	<1
Benzene	<0.35
Toluene	<1
1,2-Dibromoethane (EDB)	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	HydroCon
Date Received:	Not Applicable	Project:	TOC_01-103 GW, WORFDB8
Date Extracted:	07/01/16	Lab ID:	06-1307 mb
Date Analyzed:	07/01/16	Data File:	070107.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	57	121
Toluene-d8	103	63	127
4-Bromofluorobenzene	103	60	133

Compounds:	Concentration ug/L (ppb)
Methyl t-butyl ether (MTBE)	<1
1,2-Dichloroethane (EDC)	<1
Benzene	<0.35
Toluene	<1
1,2-Dibromoethane (EDB)	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/16

Date Received: 06/30/16

Project: TOC_01-103 GW, WORFDB8 F&BI 606566

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 606566-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	98	69-134

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/16

Date Received: 06/30/16

Project: TOC_01-103 GW, WORFDB8 F&BI 606566

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	102	110	63-142	8

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/16

Date Received: 06/30/16

Project: TOC_01-103 GW, WORFDB8 F&BI 606566

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF WATER SAMPLES
FOR TOTAL METALS USING EPA METHOD 200.8**

Laboratory Code: 606509-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	ug/L (ppb)	10	1.99	94	95	70-130	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	ug/L (ppb)	10	102	85-115

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/16

Date Received: 06/30/16

Project: TOC_01-103 GW, WORFDB8 F&BI 606566

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 606566-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	<1	96	74-127
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	89	69-133
Benzene	ug/L (ppb)	50	<0.35	97	76-125
Toluene	ug/L (ppb)	50	<1	95	76-122
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	<1	103	69-134
Ethylbenzene	ug/L (ppb)	50	<1	97	69-135
m,p-Xylene	ug/L (ppb)	100	<2	97	69-135
o-Xylene	ug/L (ppb)	50	<1	96	60-140
Naphthalene	ug/L (ppb)	50	<1	102	44-164

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	96	96	64-147	0
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	88	88	73-132	0
Benzene	ug/L (ppb)	50	96	95	69-134	1
Toluene	ug/L (ppb)	50	94	93	72-122	1
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	102	102	82-125	0
Ethylbenzene	ug/L (ppb)	50	96	96	77-124	0
m,p-Xylene	ug/L (ppb)	100	96	97	83-125	1
o-Xylene	ug/L (ppb)	50	95	95	81-121	0
Naphthalene	ug/L (ppb)	50	99	99	64-133	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte may be due to carryover from previous sample injections.
- cf - The sample was centrifuged prior to analysis.
- d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.
- dv - Insufficient sample volume was available to achieve normal reporting limits.
- f - The sample was laboratory filtered prior to analysis.
- fb - The analyte was detected in the method blank.
- fc - The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.
- hs - Headspace was present in the container used for analysis.
- ht - The analysis was performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the analyte is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.
- ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

606 566

Hydrocon

Hydrocon Environmental, LLC
 Report to: Craig Hultgren
 cc: Allison Greiner
 510 Allen Street
 Kelso, Washington 98626
 (360) 703-6079
 Craigh@hydroconllc.net
 allisongreiner@eurekaprojectsolutions.net

Samplers Name: TOC Holdings Company
 Project Name: _____
 Facility Number: 01-103 GW
 Facility Address: Amboy, WA
 PO Number: _____
 EDD Requested: EIM + DataConcourse

Requested Turn Around Time
 Standard 10 business days
 Rush _____
 Rush Charges Authorized by: _____
 Sample Disposal: 30 days Return Will Call

Additional Comments: _____

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of Containers	ANALYSES REQUESTED						Notes		
						TPH-Dx	TPH-Gx	8260C BTEX, EDB, EDC, MTBE, Z	200.8 Pb, Total	Carcinogenic PAHs 8270				
1 MW01A	01 A-I	6/29/16	12:25	W	9	X	X	X	X					*If DRPH or ORPH is present, sample for Carc. PAHs 8270
2 MW02A	02		1:10	W	9	X	X	X	X					*If DRPH or ORPH is present, sample for Carc. PAHs 8270
3 MW03A	03		1:55	W	9	X	X	X	X					*If DRPH or ORPH is present, sample for Carc. PAHs 8270
4 MW04A	04		9:35	W	9	X	X	X	X					*If DRPH or ORPH is present, sample for Carc. PAHs 8270
5 MW05	05		10:20	W	9	X	X	X	X					*If DRPH or ORPH is present, sample for Carc. PAHs 8270
6 MW06	06		11:05	W	9	X	X	X	X					*If DRPH or ORPH is present, sample for Carc. PAHs 8270
7 MW099	07			W	9	X	X	X	X					*If DRPH or ORPH is present, sample for Carc. PAHs 8270
8														
9														
10														

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282

Relinquished by: [Signature] Signature
 Received by: [Signature] Received by:
 Relinquished by: [Signature] Relinquished by:
 Received by: [Signature] Received by:

ME 06/30/16
 Page # 1 of 1
 V5/BAS
 ATC