June 5, 2015 2014-01-169

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

Subject: Groundwater Monitoring Report
First Quarter, 2015
TOC Facility No. 01-169
851 North Broadway Street, Everett, Washington
Washington State Department of Ecology Site# 54678156

This report summarizes the results of the First Quarter 2015 groundwater sampling event conducted by HydroCon Environmental LLC (HydroCon) at the TOC Holdings Co. Facility No. 01-169 property located at 851 North Broadway Street in Everett, Washington (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 subject site is located in a commercial area of North Everett and is currently used as a retail shopping center. Tenants include a Subway restaurant and a 7-Eleven convenience store. TOC Holdings Co. (formerly Time Oil Co.) owned and operated a retail gasoline service station on the Property. Remedial activities began in December 2003 when four underground storage tanks (USTs), two fuel-dispensing pump islands, product distribution piping, and associated petroleum-contaminated soil (PCS) were removed from the Property. Some PCS was left in place during the remedial excavation due to the presence of an adjacent sidewalk and a 48-inch-diameter sewer line in the vicinity of the UST system.

Analytical data from subsurface investigations indicates that concentrations of gasoline-range petroleum hydrocarbons (GRPH); diesel-range petroleum hydrocarbons (DRPH); heavy oil-range petroleum hydrocarbons (ORPH); benzene, toluene, ethylbenzene, and total xylenes (BTEX); methyl tertiary-butyl ether (MTBE); and naphthalene exceeded their respective Model Toxics Control Act (MTCA) Method A cleanup levels in soil and/or groundwater beneath the Property. Additionally, elevated concentrations of metals including antimony, arsenic, and lead are also present in soil and/or groundwater beneath the Property. These metals are associated with the slag fill obtained from the former Everett Smelter Site to develop the site.

Based on current information of the site, PCS exists beneath the central and northwestern portions of the Property in the vicinity of the UST excavation, extending beneath a portion of the North Broadway right-of-way and a discontinuous, perched water-bearing zone located in the vicinity of the UST excavation.

Remedial measures have been implemented at the site in an effort to mitigate the residual soil and groundwater contamination. A dual-phase extraction (DPE) remediation system was installed at the Property and operated from 2006 to July 2009 when it was shut down due to a change in land use. A new DPE system was installed in June 2011 and started in the Second Quarter 2012. The new DPE system includes soil vapor extraction (SVE) and groundwater extraction and treatment. The SVE system includes monitoring wells OW02, MW08, RW02 through RW04, and RW08 through RW11. Groundwater is extracted for treatment continuously at RW02, RW03, and RW10 and intermittently at OW02, RW09, and RW11.

Site features including the location of historical facilities and monitoring wells are provided on Figure 2.

Scope of Work

Groundwater samples were collected on March 24 through 26, 2015 to evaluate the groundwater quality beneath the Property and to eventually demonstrate compliance with MTCA cleanup regulations. The monitoring event included the following activities:

- Measurement of depth to groundwater in monitoring wells MW01, MW08, MW09, MW12, MW13; remediation wells RW01, RW04, RW06 through RW09, and RW11. Wells MW02 through MW07, MW10 and MW11, OW01 and OW02, RW02 and RW03, RW05, and RW10 were dry.
- Collection of groundwater samples from Wells MW01, MW09, MW12, MW13, RW01, RW06, and RW07. Wells MW03, MW05, MW07, MW11, RW04, RW09, RW10, RW11, and OW01 did not have sufficient water in the wells to collect samples.
- Collection of a field duplicate sample from monitoring well RW07 for quality assurance/quality control (QA/QC) purposes.
- Summarizing the groundwater sampling activities, analytical results, and upcoming work.

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- Collection of groundwater samples from Wells MW01, MW09, MW12, MW13, RW01, RW06, and RW07. Wells MW03, MW05, MW07, MW11, RW04, RW09, RW10, RW11, and OW01 did not have sufficient water in the wells to collect samples.
- Collection of a field duplicate sample from monitoring well RW07 for quality assurance/quality control (QA/QC) purposes.
- Summarizing the groundwater sampling activities, analytical results, and upcoming work.

Groundwater Sampling Procedures

HydroCon collected groundwater samples on March 24 through 26, 2015. A field duplicate was collected from RW07 for QA/QC purposes. Monitoring wells were purged and sampled in accordance with U.S. Environmental Protection Agency (EPA) guidance for low-flow sampling[1].

The remediation system was shut down on March 24, 2015 and restarted after the conclusion of the sampling event. Depth to water was measured in the wells on March 26, 2015. Prior to well purging and sample collection, the well cap on each well was removed and the 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 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 that were 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 and proper disposal.

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

Laboratory Analysis

The analytical protocol followed for the samples collected at the Property includes 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:

- GRPH using Northwest Method NWTPH-Gx.
- Benzene, toluene, ethylbenzene, total xylenes (BTEX) by EPA Method 8021B.

Groundwater Conditions

Groundwater levels measured on March 24, 2015, ranged from 8.28 feet (observation well RW07) to 24.96 feet (remediation well MW05) below the top of the monitoring well casings (Table 1). Groundwater elevations ranged from 74.22 feet above mean sea level (amsl) in MW03 to 90.12 feet (amsl) in RW07.

Water is present in most site wells and is impacted by former site operations. Groundwater levels measured in the Site's 26 wells historically have ranged from 6.27 feet (Observation Well OW01) to 24.34 feet (Monitoring Well MW08) below the top of the monitoring well casings (Table 1, SES 2013). Thirteen of the Site wells have been dry throughout the course of monitoring (MW02, MW06, and MW10) or at times (MW03, MW04, MW05, MW07, MW08, MW11, RW04, RW05, RW08, and RW11). These wells are generally located outside of the former UST system excavation area (Figure 2).

The geologic contrast that generally exists below the Site places relatively coarse fill material over finer native deposits. The low permeability of the native material results in vertical retardation of the groundwater flow at the fill and native soil interface. A review of nearby well logs indicates that the regional aquifer is present at a depth of 85 to 94 feet bgs in the area of the Site. Groundwater present above the fill-native interface is interpreted to be perched water[2]. As a result, groundwater elevations are not contoured for this site.

Groundwater Sampling Results

Laboratory analytical results from the monitoring event were compared to applicable MTCA Method A cleanup levels for groundwater and are summarized below (Figure 4, Table 1). There were no detections of GRPH or BETX in the seven wells sampled.

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[2] *HydroCon Environmental, 2014. Exposure Pathway Assessment Report. TOC Site Number 01-169. 851 North Broadway, Everett, Washington. October 22.*

Data Quality Review

HydroCon performed a QA/QC review of the analytical results, which included a review of accuracy and precision of the data supplied by the laboratory. The relative percent difference (RPD) for the field duplicate MW99, which was collected by HydroCon from RW07, could not be calculated because all analytical results were below their respective laboratory reporting limit. All quality control criteria are acceptable; therefore, no action is required, and analytical results meet the project objectives for usable data. A copy of the laboratory report is provided in Attachment B.

Remediation System Performance

HydroCon performed monthly operations and maintenance (O&M) activities on the site on three dates, during the First Quarter 2015 (January 14, February 24, and March 27). O&M activities included the collection of air samples from the effluent sample ports on the SVE discharge stack and air stripper discharge stack and collection of treated groundwater from a sample port on the groundwater effluent pump.

For each event, air samples were collected in two one-liter Tedlar bags and submitted to Friedman & Bruya for analysis. The air samples were analyzed for GRPH by method NWTPH-Gx and for BTEX by EPA Method 8021B. Quarterly groundwater influent samples were collected in three 40ml-volatile organic analysis (VOA) vials preserved with hydrochloric acid (HCl) and were analyzed for GRPH by Method NWTPH-Gx and for BTEX by EPA Method 8021B. Effluent samples were collected in three 40ml-VOA vials preserved with HCl, one one-liter amber bottle, and two 500 ml polyethylene bottles, one unpreserved and one preserved with nitric acid. The effluent water samples were analyzed for GRPH by Method NWTPH-Gx, for BTEX by EPA Method 8021B, total lead by EPA Method 6020/200.8, oil and grease by EPA Method 1664A, mercury by EPA Method 1631E, and flashpoint by EPA Method 1010.

During the First Quarter 2015 the remediation system removed an estimated 16.4 pounds of GRPH as vapor. Approximately 10,441 gallons of groundwater were treated to levels that were acceptable for discharge to the City of Everett sanitary sewer. A summary of system performance is presented on Table 2.

Work Planned

HydroCon will conduct groundwater monitoring at the Property in Second Quarter 2015, the results of which will be included in a groundwater monitoring report.

Sincerely,

Craig Hultgren, LHG
Senior Geologist/Project Manager

cc: Eugene Freeman, Washington State Department of Ecology, Northwest Region

Attachments
Figures
Figure 1 - Site Location Map
Figure 2 - Site Features
Figure 3 – Groundwater Elevations
Figure 4 - Groundwater Analytical Results

Table
Table 1 – Summary of Groundwater Data
Table 2 – Summary of System Performance

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

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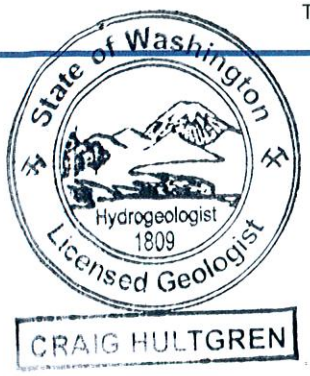
Senior Geologist/Project Manager



cc: Eugene Freeman, Washington State Department of Ecology, Northwest Region

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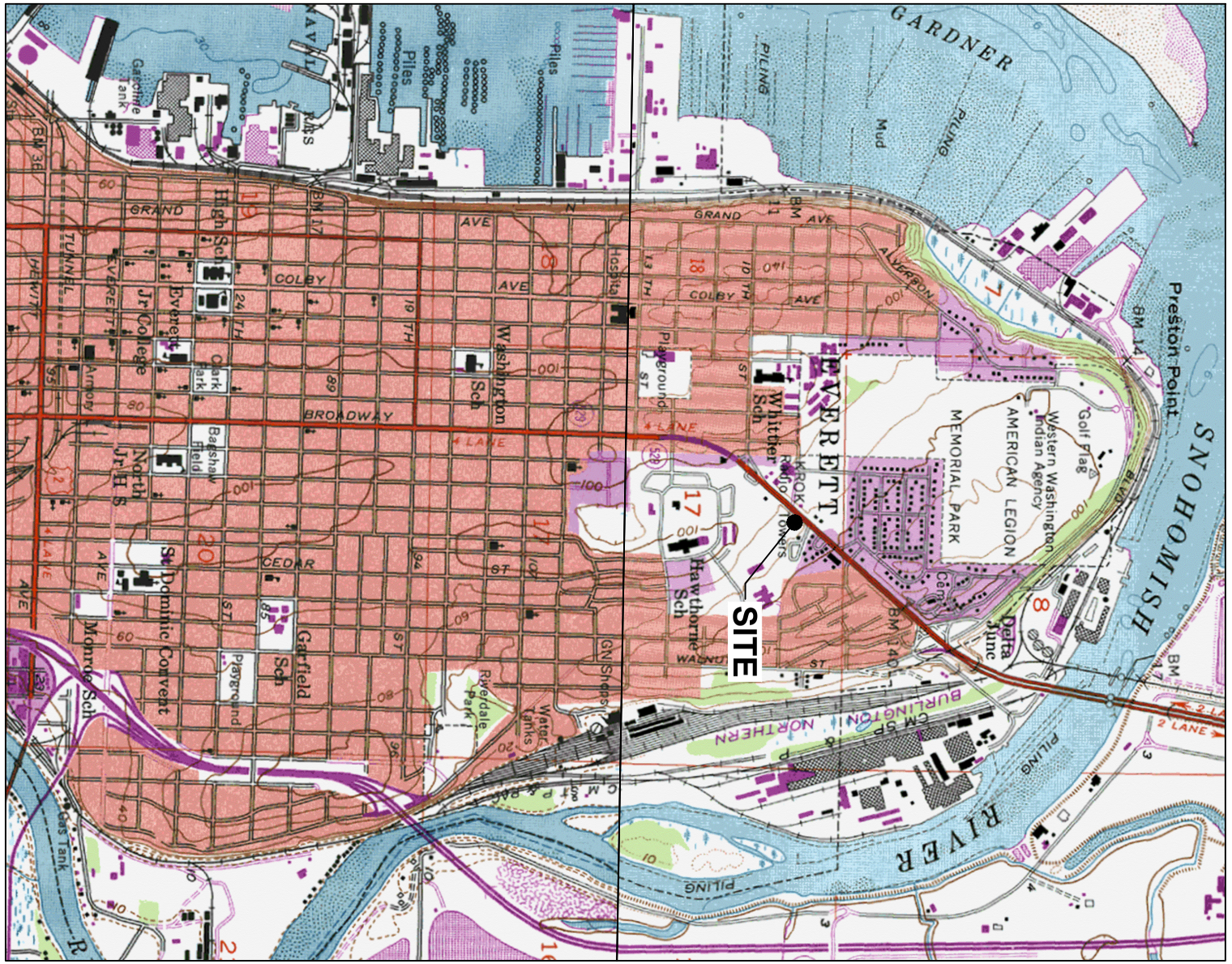
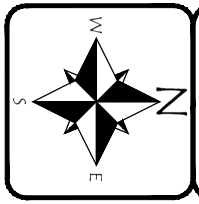
NOTE(S):

USGS, MARYSVILLE QUADRANGLE
WASHINGTON-SNOHOMISH CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)





0 2000 4000

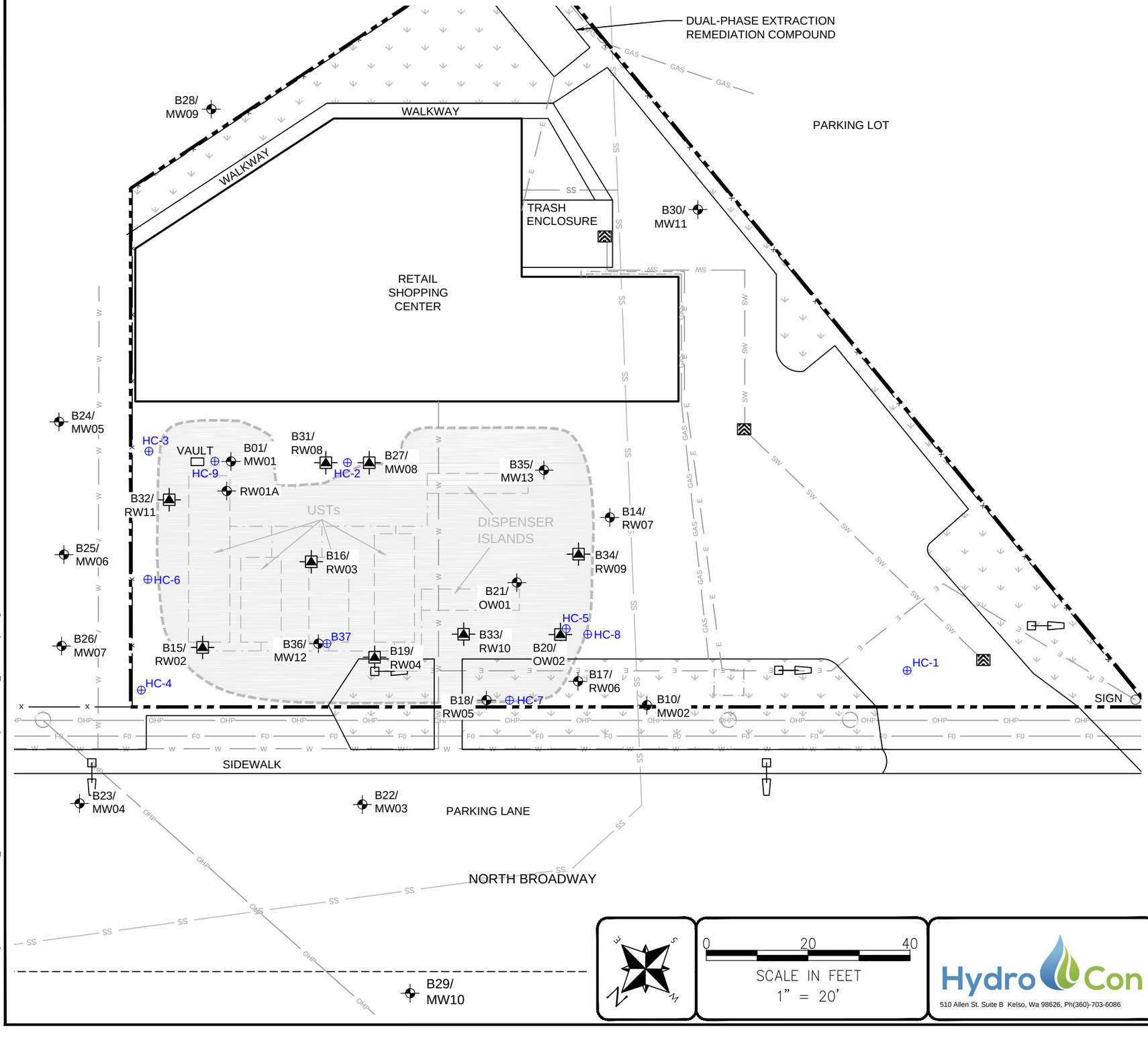
SCALE IN FEET
1" = 2000'

HydroCon
510 Allen St. Suite B Kelso, Wa 98626, Ph(360)-703-6086

DATE: 4-6-15
DWN: JJT
CHK: NV
APPROVED: CH
PRJ. MGR: CH
PROJECT NO: 14-810

FIGURE 1
SITE LOCATION MAP

TOC HOLDINGS CO. FACILITY NO. 01-169
851 N. BROADWAY
EVERETT, WA.



LEGEND

- B01/ MW01 — GROUNDWATER MONITORING WELL (SOUNDEARTH)
- RW01 — REMEDIATION WELL (SOUNDEARTH)
- CATCH BASIN
- POWER POLE
- AREA LIGHT
- HC-7 — BORING LOCATION
- PROPERTY BOUNDARY
- OVERHEAD POWER LINE
- BELOW GRADE ELECTRICAL LINE
- FIBER OPTIC LINE
- STORMWATER LINE
- 48-INCH-DIAMETER SEWER LINE
- WATER LINE
- GAS LINE
- FENCE
- FORMER SITE FEATURE
- FORMER FUEL DELIVERY PIPING
- EXCAVATION AREA (2003)

EPI	ENVIRONMENTAL PARTNERS, INC.
GEI	GEOENGINEERS, INC.
SOUNDEARTH	SOUNDEARTH STRATEGIES, INC.
UST	UNDERGROUND STORAGE TANK

SCALE IN FEET
0 20 40
1" = 20'

HydroCon
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PROJECT NO: 14-810

FIGURE 2
SITE FEATURES

TOC HOLDINGS CO. FACILITY NO. 01-169
851 N. BROADWAY
EVERETT, WA.

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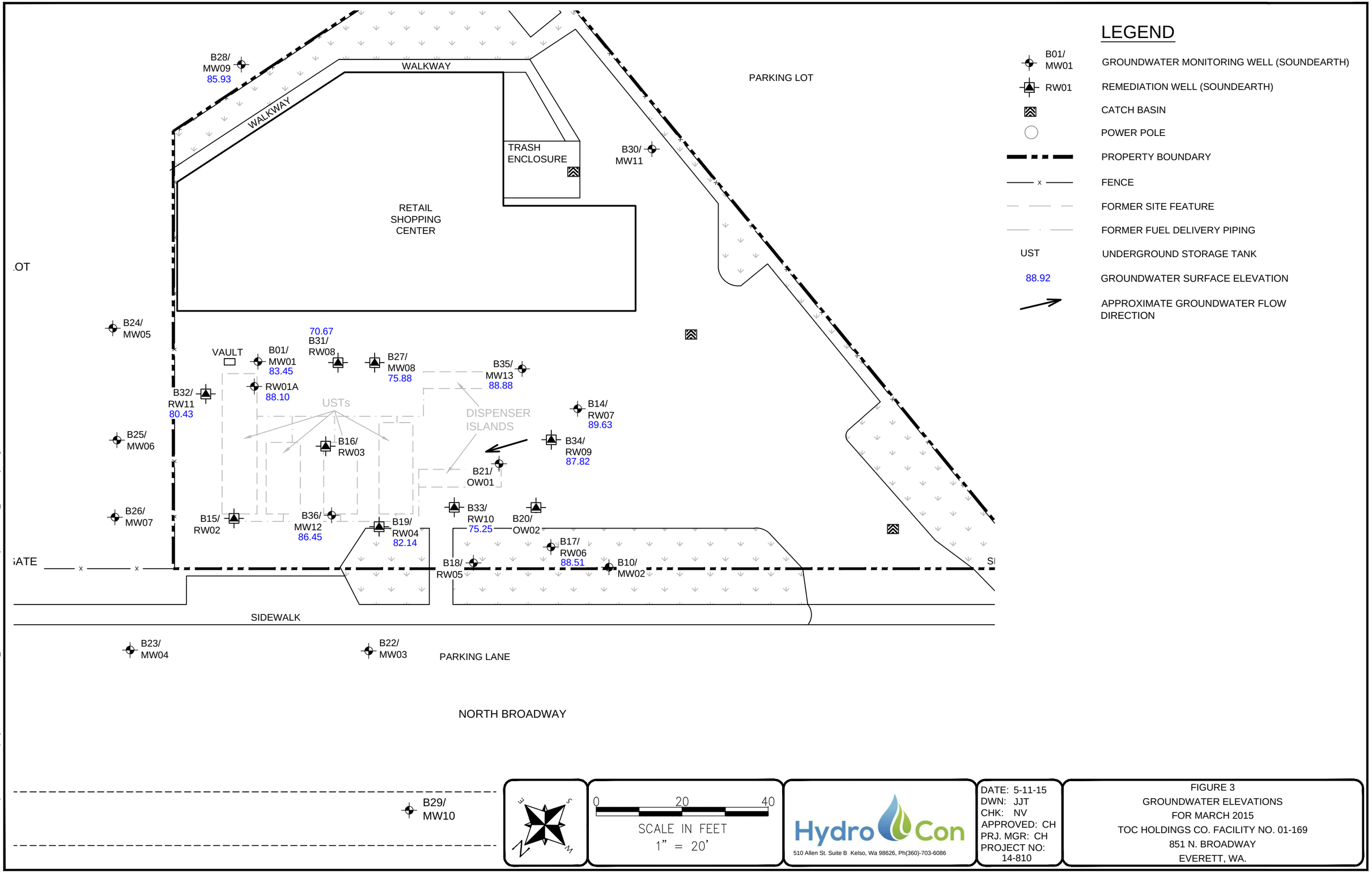

Hydro Con
510 Allen St. Suite B Kelso, Wa 98626, Ph(360)-703-6086

DATE: 5-11-15
DWN: JJT
CHK: NV
APPROVED: CH
PRJ. MGR: CH
PROJECT NO: 14-810

FIGURE 3
GROUNDWATER ELEVATIONS
FOR MARCH 2015
TOC HOLDINGS CO. FACILITY NO. 01-169
851 N. BROADWAY
EVERETT, WA.

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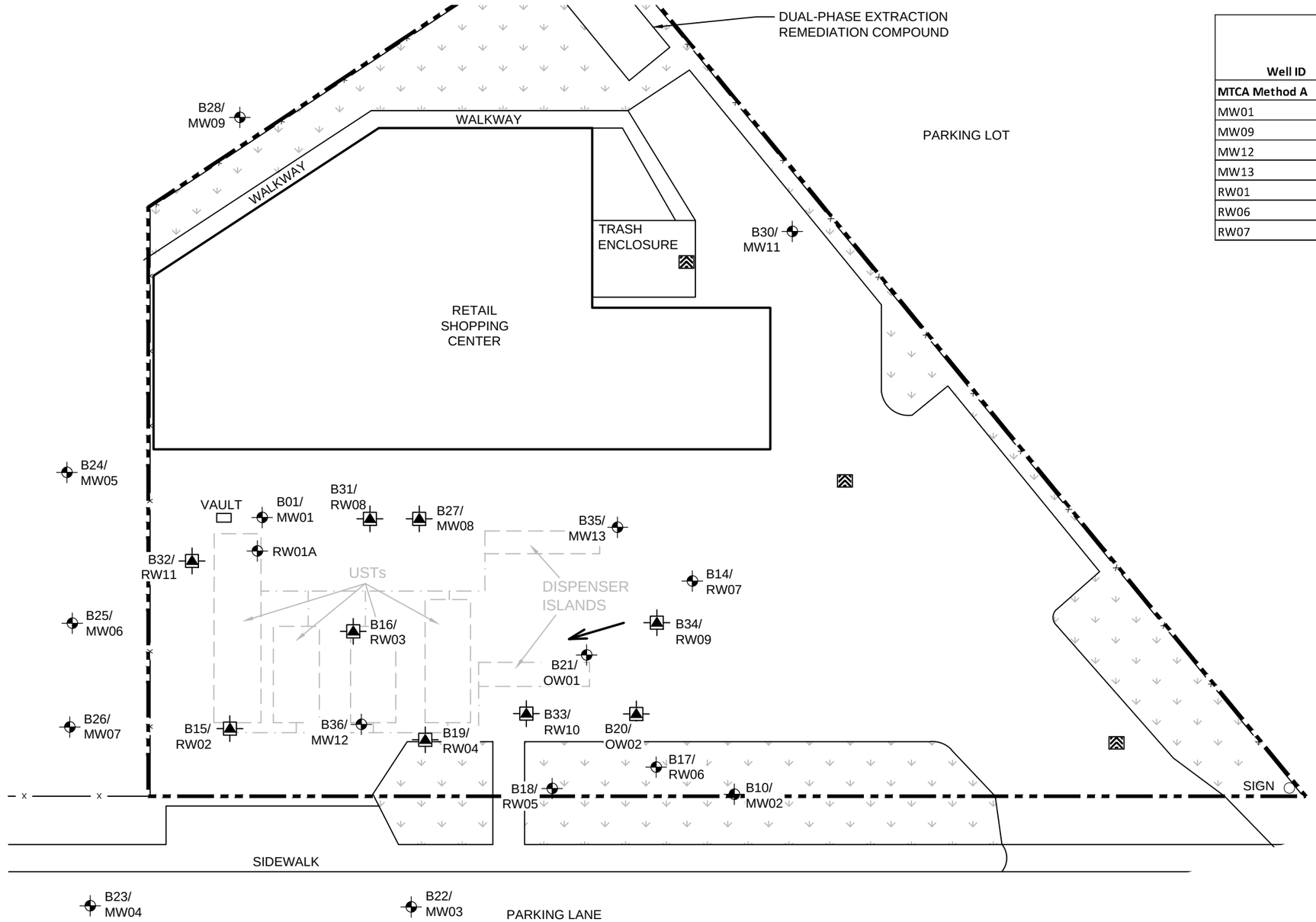
Well ID	Analytical Results in ug/L				
	GRPH	Benzene	Toluene	Ethylbenzene	Total Xylenes
MTCA Method A	**800/1,000**	**5.00**	**1,000**	**700**	**1,000**
MW01	<100	<0.35	<1	<1	<3
MW09	<100	<0.35	<1	<1	<3
MW12	<100	<0.35	<1	<1	<3
MW13	<100	<0.35	<1	<1	<3
RW01	<100	<0.35	<1	<1	<3
RW06	<100	<0.35	<1	<1	<3
RW07	<100	<0.35	<1	<1	<3



LEGEND

- B01/ MW01 — GROUNDWATER MONITORING WELL (SOUNDEARTH)
- RW01 — REMEDIATION WELL (SOUNDEARTH)
- CATCH BASIN
- POWER POLE
- PROPERTY BOUNDARY
- FENCE
- FORMER SITE FEATURE
- FORMER FUEL DELIVERY PIPING
- UST — UNDERGROUND STORAGE TANK
- APPROXIMATE GROUNDWATER FLOW DIRECTION

SCALE IN FEET
0 20 40
1" = 20'

Hydro Con
510 Allen St. Suite B Kelso, Wa 98626, Ph(360)-703-6086

DATE: 4-6-15
DWN: JJT
CHK: NV
APPROVED: CH
PRJ. MGR: CH
PROJECT NO: 14-810

FIGURE 4
GROUNDWATER ANALYTICAL RESULTS
FOR MARCH 2015
TOC HOLDINGS CO. FACILITY NO. 01-169
851 N. BROADWAY
EVERETT, WA.

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Table 1
Summary of Groundwater Data
TOC Holdings Co. Facility No. 01-169
851 North Broadway
Everett, Washington

Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)															
															Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					800/1,000[8]	500	500	5	1,000	700	1,000	160	20	0.01	5	15		5		NE	80
MW01	100.00	10/07/04	--	--	3,140	<500	<1,000	0.666	0.736	57.9	239	19.1	<20.0	<10.0	<10.0	1.09	--	--	--	316	107
MW01	100.00	05/04/06	11.73	88.27	<50.0	--	--	<0.500	<0.500	<0.500	<3.00	--	<5.00	<0.500	<0.500	--	--	--	--	--	--
MW01	100.00	07/20/06	19.29	80.71	<100	--	--	<0.500	<0.500	<0.500	<3.00	--	<5.00	<0.500	<0.500	--	--	--	--	--	--
MW01	100.00	11/08/06	19.30	80.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW01	100.00	02/06/07	14.10	85.90	<100	--	--	<1	<1	<1	<3	--	--	--	--	5.90	<1	3.21	1.31	--	--
MW01	100.00	06/08/07	11.16	88.84	<100	--	--	<1	<1	<1	<3	--	--	--	--	<1	<1	1.26	1.15	--	--
MW01	100.00	08/14/07	17.18	82.82	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	11/29/07	18.28	81.72	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	02/19/08	9.91	90.09	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	06/27/08	9.27	90.73	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	08/12/08	9.41	90.59	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	11/26/08	8.08	91.92	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	03/31/09	7.80	92.20	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	06/19/09	9.82	90.18	<100	--	--	<1	<1	<1	<3	<1	<1	<1	<1	--	<1	--	--	--	--
MW01	100.00	08/28/09	9.81	90.19	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	11/25/09	7.56	92.44	<100	<50	<250	<1	<1	<1	<3	<1	<1	<1	<1	--	<1	--	--	--	--
MW01	100.00	01/28/10	7.82	92.18	<100	<50	<250	<1	<1	<1	<3	<1	<1	<1	<1	--	--	--	--	--	--
MW01	100.00	06/09/10	7.15	92.85	<100	<50	<250	<0.35	<1	<1	<3	<1	<1	<1	<1	--	--	--	--	--	--
MW01	100.00	08/18/10	8.38	91.62	<100	<50	<250	<0.35	<1	<1	<3	<5	<1	<1	<1	--	--	--	--	--	--
MW01	100.00	11/09/10	7.58	92.42	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	02/16/11	7.46	92.54	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	05/19/11	7.50	92.50	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	08/18/11	11.20	88.80	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	11/21/11	10.95	89.05	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	02/15/12	10.73	89.27	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	05/17/12	9.87	90.13	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW01	100.00	11/29/12	15.77	84.23	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	03/06/13	11.28	88.72	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	06/04/13	17.28	82.72	<100	--	--	<1	<1	<1	3.6	--	--	--	--	--	--	--	--	--	--
MW01	100.00	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW01	100.00	11/21/13	18.59	81.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW01	100.00	03/05/14	13.93	86.07	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	05/26/14	11.04	88.96	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	09/23/14	19.18	80.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW01	100.00	12/31/14	15.98	84.02	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW01	100.00	03/27/15	16.55	83.45	<100	--	--	<0.35	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW02	98.30	05/04/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	07/19/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	11/08/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	02/06/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	06/08/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	08/14/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	11/29/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	02/19/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	06/27/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	08/12/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	11/26/08	Inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	03/31/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	06/19/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	08/27/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	11/25/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	01/28/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	06/09/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	08/18/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	11/09/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	02/16/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	05/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	02/15/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	05/17/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	03/05/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	11/21/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	03/05/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	05/27/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	09/23/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	12/31/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW02	98.30	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Summary of Groundwater Data
TOC Holdings Co. Facility No. 01-169
851 North Broadway
Everett, Washington

Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					800/1,000[8]	500	500	5	1,000	700	1,000	160	20	0.01	5	15		5		NE	80
MW03	98.94	12/21/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	02/16/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	05/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	02/15/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	05/17/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	03/05/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	06/04/13	Inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	11/21/13	Inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	03/05/14	24.7	74.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	05/27/14	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	09/23/14	24.70	74.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	12/31/14	24.72	74.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW03	98.94	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	12/21/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	02/16/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	05/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	11/21/11	Inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	02/15/12	Inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	05/17/12	Inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	03/05/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	08/27/13	Inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	11/21/13	Inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	03/05/14	24.77	75.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	05/27/14	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	09/23/14	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	12/31/14	24.80	75.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW04	100.46	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.40	12/21/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.40	02/16/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.40	05/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.40	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.40	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.40	02/15/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.41	05/17/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.41	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.41	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.41	03/05/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.41	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.41	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.41	11/21/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.41	03/05/14	25.07	75.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.41	05/27/14	24.93	75.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.41	09/23/14	24.93	75.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.41	12/31/14	24.96	75.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW05	100.41	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Summary of Groundwater Data
TOC Holdings Co. Facility No. 01-169
851 North Broadway
Everett, Washington

Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					800/1,000[8]	500	500	5	1,000	700	1,000	160	20	0.01	5	15		5		NE	80
MW06	100.96	12/21/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	100.96	02/16/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	100.96	05/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	100.96	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	100.96	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	100.96	02/15/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	101.94	05/17/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	101.94	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	101.94	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	101.94	03/05/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	101.94	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	101.94	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	101.94	11/21/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	101.94	03/05/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	101.94	05/27/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	101.94	09/23/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	101.94	12/31/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW06	101.94	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	100.19	12/21/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	100.19	02/16/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	100.19	05/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	100.19	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	100.19	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	100.19	02/15/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	101.17	05/17/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	101.17	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	101.17	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	101.17	03/05/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	101.17	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	101.17	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	101.17	11/21/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	101.17	03/05/14	24.87	75.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	101.17	05/27/14	24.86	76.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	101.17	09/23/14	24.88	76.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	101.17	12/31/14	24.92	76.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW07	101.17	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Summary of Groundwater Data
TOC Holdings Co. Facility No. 01-169
851 North Broadway
Everett, Washington

Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					800/1,000[8]	500	500	5	1,000	700	1,000	160	20	0.01	5	15		5		NE	80
MW08	99.97	12/21/10	24.34	75.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.97	02/16/11	23.49	76.48	27,000	1,600[x]	<250	1,700	14,000	2,300	14,000	430	--	--	--	--	20.6	--	--	--	--
MW08	99.97	05/19/11	24.12	75.85	30,000	1,800[x]	<250[j]	1,600	11,000	1,800	10,800	270	--	--	--	--	--	--	--	--	--
MW08	99.97	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.11	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.11	02/15/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.33	05/17/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.33	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.33	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.33	03/05/13	23.22	76.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.33	06/04/13	23.89	75.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.33	08/27/13	23.25	76.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.33	11/21/13	23.43	75.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.33	03/05/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.33	05/27/14	21.30	78.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.97	09/23/14	23.37	76.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.97	12/31/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW08	99.33	03/26/15	23.45	75.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW09	99.71	12/21/10	11.34	88.37	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW09	99.71	02/16/11	9.85	89.86	<100	130[x]	<250	<0.35	<1	<1	<3	<1	--	--	--	--	<1	--	--	--	--
MW09	99.71	05/19/11	10.15	89.56	100	90	<250	<0.35	<1	<1	<3	<1	--	--	--	--	<1	--	--	--	--
MW09	99.71	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW09	99.71	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW09	99.71	02/16/12	16.59	83.12	<100	310[x]	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW09	99.69	05/18/12	10.84	88.85	<100	200	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW09	99.69	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW09	99.69	11/30/12	14.34	85.35	110	480[x]	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW09	99.69	03/06/13	13.91	85.78	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW09	99.69	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW09	99.69	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW09	99.69	11/27/13	16.24	83.45	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW09	99.69	03/06/14	13.76	85.93	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW09	99.69	05/30/14	18.55	81.14	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW09	99.69	09/23/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW09	99.69	12/31/14	13.41	86.28	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW09	99.69	03/26/15	13.76	85.93	<100	--	--	<0.35	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW10	99.18	12/21/10	Inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	02/16/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	05/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	02/15/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	05/17/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	03/05/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	11/21/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	03/05/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	05/27/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	09/23/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	12/31/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	99.18	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Summary of Groundwater Data
TOC Holdings Co. Facility No. 01-169
851 North Broadway
Everett, Washington

Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					800/1,000[8]	500	500	5	1,000	700	1,000	160	20	0.01	5	15		5		NE	80
MW11	99.62	12/21/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	02/16/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	05/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	02/15/12	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	05/17/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	03/05/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	11/21/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	03/15/14	24.79	74.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	05/27/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	09/23/14	24.78	74.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	12/31/14	24.31	75.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW11	99.62	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12	99.88	08/19/11	10.86	89.02	1,000	56[x]	<250	6.7	<1	44	<3	13	--	--	--	--	<1	--	--	--	--
MW12	99.88	11/22/11	10.65	89.23	190	<50	<250	1.3	<1	4.2	<3	<1	--	--	--	--	--	--	<1	--	--
MW12	99.88	02/16/12	10.20	89.68	<100	<50	<250	<0.35	<1	<1	<3	<1	--	--	--	--	--	--	--	--	--
MW12	99.86	05/18/12	9.50	90.36	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW12	99.86	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12	99.86	11/29/12	10.86	89.00	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW12	99.86	03/05/13	14.15	85.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12	99.86	06/04/13	14.92	84.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12	99.86	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12	99.86	11/21/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12	99.86	03/06/14	13.24	86.62	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW12	99.86	05/29/14	10.40	89.46	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW12	99.86	09/23/14	14.84	85.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12	99.86	12/29/14	11.63	88.23	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW12	99.86	03/26/15	13.41	86.45	<100	--	--	<0.35	<1	<1	<3	--	--	--	--	--	--	--	--	--	--

Table 1
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851 North Broadway
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Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					800/1,000[8]	500	500	5	1,000	700	1,000	160	20	0.01	5	15		5		NE	80
MW13	99.58	08/19/11	10.00	89.58	<100	<50	<250	21	<1	<1	<3	<1	--	--	--	--	<1	--	--	--	--
MW13	99.58	11/21/11	12.53	87.05	350[x]	<50	<250	160	<1	<1	<3	<1	--	--	--	--	--	--	<1	--	--
MW13	99.58	02/16/12	11.22	88.36	<100	170[x]	<250	2.3	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW13	99.58	05/17/12	10.28	89.30	<100	170[x]	<250	6.1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW13	99.58	08/14/12	9.58	90.00	<100	200[x]	<250	3.4	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW13	99.58	11/30/12	10.97	88.61	<100	330[x]	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW13	99.58	03/05/13	10.12	89.46	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW13	99.58	06/04/13	10.65	88.93	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW13	99.58	08/28/13	11.17	88.41	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW13	99.58	11/21/13	12.10	87.48	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW13	99.58	03/04/14	12.8	86.78	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW13	99.58	05/27/14	9.53	90.05	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW13	99.58	09/24/14	10.34	89.24	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW13	99.58	12/29/14	10.66	88.92	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
MW13	99.58	03/26/15	10.70	88.88	<100	--	--	<0.35	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW01	99.96	11/21/03	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	05/03/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	07/19/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	11/08/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	02/06/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	06/08/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	08/14/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	11/29/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	02/19/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	06/27/08	7.99	90.96	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW01	98.95	08/12/08	9.94	89.01	180	--	--	30	2	2	<3	--	--	--	--	--	--	--	--	--	--
OW01	98.95	11/26/08	6.88	92.07	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW01	98.95	03/31/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	06/19/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	08/27/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	11/25/09	6.48	92.47	<100	<50	<250	<1	<1	<1	<3	<1	<1	<1	<1	--	<1	--	--	--	--
OW01	98.95	01/29/10	6.75	92.20	<100	<50	<250	<1	<1	<1	<3	<1	<1	<1	<1	--	--	--	--	--	--
OW01	98.95	06/09/10	6.27	92.68	<100	<50	<250	<0.35	<1	<1	<3	<1	<1	<1	<1	--	--	--	--	--	--
OW01	98.95	08/18/10	7.24	91.71	<100	<50	<250	<0.35	<1	<1	<3	<5	<1	<1	<1	--	--	--	--	--	--
OW01	98.95	11/09/10	6.65	92.30	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW01	98.95	02/16/11	6.50	92.45	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW01	98.95	05/19/11	6.47	92.48	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW01	98.95	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	98.95	02/15/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	99.96	05/17/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	99.96	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	99.96	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	99.96	03/05/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	99.96	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	99.96	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	99.96	03/05/14	10.89	89.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	99.96	05/27/14	10.89	89.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	99.96	09/24/14	10.89	89.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	99.96	12/31/14	10.93	89.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW01	99.96	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Summary of Groundwater Data
TOC Holdings Co. Facility No. 01-169
851 North Broadway
Everett, Washington

Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					800/1,000[8]	500	500	5	1,000	700	1,000	160	20	0.01	5	15		5		NE	80
OW02	98.94	05/04/06	10.42	88.52	2,260	--	--	236	7.63	70.1	313	--	26.1	<0.500	<0.500	--	--	--	--	--	--
OW02	98.94	07/19/06	9.87	89.07	914	--	--	194	0.990	45.3	8.72	--	30.1	<0.500	<0.500	--	--	--	--	--	--
OW02	98.94	11/08/06	10.39	88.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	98.94	02/06/07	10.54	88.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	98.94	06/08/07	10.02	88.92	220	--	--	22	1	3	4	--	--	--	--	--	--	--	--	--	--
OW02	98.94	08/14/07	10.02	88.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	98.94	11/29/07	10.55	88.39	300	--	--	41	3	5	13	--	--	--	--	--	--	--	--	--	--
OW02	98.94	02/19/08	10.56	88.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	98.94	06/27/08	9.96	88.98	190	--	--	38	2	2	6	--	--	--	--	--	--	--	--	--	--
OW02	98.94	08/12/08	10.24	88.70	180	--	--	30	2	2	<3	--	--	--	--	--	--	--	--	--	--
OW02	98.94	11/26/08	10.10	88.84	260	--	--	54	3	6	8	--	--	--	--	--	--	--	--	--	--
OW02	99.05[9]	03/31/09	8.82	90.23	380	1,400	260[y]	49	2	10	38	--	--	--	--	--	--	--	--	--	--
OW02	99.05[9]	06/19/09	9.25	89.80	<100	--	--	18	<1	2.5	3	<1	3.8	<1	<1	--	<1	--	--	--	--
OW02	99.05[9]	08/28/09	9.31	89.74	<100	510	320	23	<1	2	<3	--	--	--	--	--	--	--	--	--	--
OW02	99.05[9]	11/25/09	9.33	89.72	<100	<50	<250	7.6	<1	<1	<3	<1	<1	<1	<1	--	1.17	--	--	--	--
OW02	99.05[9]	01/29/10	9.59	89.46	<100	<50	<250	3.5	<1	<1	<3	<1	<1	<1	<1	--	--	--	--	--	--
OW02	99.05[9]	06/09/10	8.95	90.10	<100	100[z]	640	1.5	<1	<1	<3	<1	<1	<1	<1	--	--	--	--	--	--
OW02	99.05[9]	08/18/10	9.60	89.45	<100	130[z]	<250	2.0	<1	<1	<3	<5	1.2	<1	<1	--	--	--	--	--	--
OW02	99.05[9]	11/09/10	9.91	89.14	<100	660[z]	760[z]	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW02	99.05[9]	02/16/11	7.93	91.12	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW02	99.05[9]	05/19/11	9.31	89.74	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW02	99.05[9]	08/18/11	10.23	88.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	98.04	11/21/11	7.00	91.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	98.04	02/16/12	8.55	89.49	<100	60[x]	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW02	97.83	05/18/12	8.53	89.30	<100	100[x]	250[x]	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW02	97.83	08/14/12	8.49	89.34	<100	160[x]	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW02	97.83	11/30/12	8.62	89.21	<100	96[x]	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW02	97.83	03/05/13	8.60	89.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	97.83	06/04/13	8.77	89.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	97.83	08/27/13	9.69	88.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	97.83	11/21/13	8.25	89.58	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
OW02	97.83	03/05/14	No Measurement Recorded		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	97.83	05/27/14	8.76	89.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	97.83	09/24/14	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	97.83	12/31/14	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW02	97.83	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
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TOC Holdings Co. Facility No. 01-169
851 North Broadway
Everett, Washington

Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					**800/1,000[8]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**160**	**20**	**0.01**	**5**	**15**		**5**		**NE**	**80**
RW01	99.45	05/03/06	10.12	89.33	<50.0	--	--	<0.500	<0.500	<0.500	<3.00	--	<5.00	<0.500	<0.500	--	--	--	--		
RW01	99.45	07/20/06	17.14	82.31	<100	--	--	<0.500	<0.500	<0.500	<3.00	--	<5.00	<0.500	<0.500	--	--	--	--	--	--
RW01	99.45	11/08/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW01	99.45	02/06/07	10.39	89.06	<100	--	--	<1	<1	<1	<3	--	--	--	--	<1	<1	<1	1.10[c]	--	--
RW01	99.45	06/08/07	10.15	89.30	<100	--	--	<1	<1	<1	<3	--	--	--	--	<1	<1	<1	1.04[c]	--	--
RW01	99.45	08/14/07	10.71	88.74	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.45	11/29/07	10.97	88.48	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.45	02/19/08	9.32	90.13	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.45	06/27/08	8.71	90.74	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.45	08/12/08	9.15	90.30	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.45	11/26/08	7.62	91.83	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.45	03/31/09	7.25	92.20	<100	72[x]	300	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.45	06/19/09	9.29	90.16	<100	--	--	<1	<1	<1	<3	<1	<1	<1	<1	--	<1	--	--	--	--
RW01	99.45	08/28/09	9.28	90.17	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.45	11/25/09	7.01	92.44	<100	<50	<250	<1	<1	<1	<3	<1	<1	<1	<1	--	<1	--	--	--	--
RW01	99.45	01/28/10	7.25	92.20	<100	<50	<250	<1	<1	<1	<3	<1	<1	<1	<1	--	--	--	--	--	--
RW01	99.45	06/09/10	6.63	92.82	<100	<50	<250	<0.35	<1	<1	<3	<1	<1	<1	<1	--	--	--	--	--	--
RW01	99.45	08/18/10	7.84	91.61	<100	<50	<250	<0.35	<1	<1	<3	<5	<1	<1	<1	--	--	--	--	--	--
RW01	99.45	11/09/10	7.04	92.41	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.45	02/16/11	6.95	92.50	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.45	05/19/11	7.95	91.50	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.45	08/18/11	10.50	88.95	<100	<50	<250	<1	7.3	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.45	11/21/11	10.18	89.27	<100	<50	<250	<1	<1	<1	<3	--	--	---	--	--	--	--	--	--	--
RW01	99.45	02/15/12	9.73	89.72	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.47	05/18/12	9.08	90.39	<100	54[x]	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.47	08/14/12	15.86	83.61	<100	200[x]	**840**	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.47	11/29/12	10.29	89.18	<100	60[x]	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.47	03/05/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW01	99.47	06/04/13	13.02	86.45	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.47	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW01	99.47	11/21/13	11.39	88.08	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.47	03/05/14	10.9	88.57	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.47	05/26/14	10.15	89.32	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.47	09/24/14	17.28	82.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW01	99.47	12/31/14	11.31	88.16	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW01	99.47	03/27/15	11.37	88.10	<100	--	--	<0.35	<1	<1	<3	--	--	--	--	--	--	--	--	--	--

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Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					800/1,000[8]	500	500	5	1,000	700	1,000	160	20	0.01	5	15		5		NE	80
RW02	99.63	05/03/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.63	07/20/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.63	11/08/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.63	02/06/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.63	06/08/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.63	08/14/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.63	11/29/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.63	02/19/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.63	06/27/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.63	08/12/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.63	11/26/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.63	03/31/09	15.45	84.18	560	510[x]	<250	3	15	4	81	--	--	--	--	--	--	--	--	--	--
RW02	99.63	06/19/09	15.95	83.68	110	--	--	2.0	<1	1.0	15.1	<1	<1	<1	<1	--	--	--	--	--	--
RW02	99.63	08/27/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.63	11/25/09	15.40	84.23	8,800	1,100[x]	<250	67	280	82	2,190	100	<1	<1	<1	--	3.61	--	--	--	--
RW02	99.63	01/28/10	15.20	84.43	9,000	1,000[x]	<250	120	140	130	2,040	150	<1	<1	<1	--	--	--	--	--	--
RW02	99.63	06/09/10	11.94	87.69	840	67[x]	<250	2.5	26	24	214	4.6	<1	<1	<1	--	--	--	--	--	--
RW02	99.63	08/18/10	16.36	83.27	14,000	4,200[x]	<250	97	490	460	3,980	<500	<1	<1	<1	--	--	--	--	--	--
RW02	99.63	11/09/10	14.48	85.15	22,000	1,200[x]	<250	140	420	820	5,400	360	--	--	--	--	--	--	--	--	--
RW02	99.63	02/16/11	11.75	87.88	290	<50	<250	1.9	2.8	11	57	--	--	--	--	--	--	--	--	--	--
RW02	99.63	05/18/11	12.82	86.81	17,000	1,500[x]	<250	44	160	790	3,770	220	--	--	--	--	--	--	--	--	--
RW02	99.63	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.67	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.67	02/15/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.88	05/17/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.88	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.88	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.88	03/05/13	12.55	87.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.88	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.88	08/27/13	Pump in Well	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.88	11/21/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.88	03/05/14	No Measurement Recorded		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.88	05/27/14	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.88	09/24/14	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.88	12/31/14	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW02	99.88	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Summary of Groundwater Data
TOC Holdings Co. Facility No. 01-169
851 North Broadway
Everett, Washington

Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					**800/1,000[8]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**160**	**20**	**0.01**	**5**	**15**		**5**		**NE**	**80**
RW03	99.22	05/03/06	9.48	89.74	345	--	--	0.670	<0.500	4.71	41.7	--	<5.00	<0.500	<0.500	--	--	--	--	--	--
RW03	99.22	07/21/06	11.63	87.59	<100	--	--	<0.500	<0.500	<0.500	<3.00	--	<5.00	<0.500	<0.500	--	--	--	--	--	--
RW03	99.22	11/08/06	11.50	87.72	<100	--	--	<1	<1	<1	<3	--	<1	<1	<1	--	<1	--	--	--	--
RW03	99.22	02/06/07	9.68	89.54	<100	--	--	<1	<1	<1	<3	--	--	--	--	<1	<1	<1	<1	--	--
RW03	99.22	06/08/07	9.44	89.78	<100	--	--	<1	<1	<1	<3	--	--	--	--	<1	<1	<1	1.05[c]	--	--
RW03	99.22	08/14/07	10.06	89.16	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.22	11/29/07	10.62	88.60	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.22	02/19/08	8.91	90.31	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.22	06/27/08	8.27	90.95	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.22	08/12/08	8.65	90.57	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.22	11/26/08	8.22	91.00	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.22	03/31/09	7.04	92.18	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.22	06/19/09	8.92	90.30	<100	--	--	<1	<1	<1	<3	<1	1.5	<1	<1	--	<1	--	--	--	--
RW03	99.22	08/28/09	8.90	90.32	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.22	11/25/09	6.82	92.40	<100	<50	<250	<1	<1	<1	<3	<1	<1	<1	<1	--	<1	--	--	--	--
RW03	99.22	01/29/10	7.05	92.17	<100	<50	<250	<1	<1	<1	<3	<1	<1	<1	<1	--	--	--	--	--	--
RW03	99.22	06/09/10	6.58	92.64	<100	<50	<250	<0.35	<1	<1	<3	<1	<1	<1	<1	--	--	--	--	--	--
RW03	99.22	08/18/10	7.55	91.67	<100	<50	<250	<0.35	<1	<1	<3	<5	<1	<1	<1	--	--	--	--	--	--
RW03	99.22	11/09/10	6.90	92.32	<100	120[z]	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.22	02/16/11	6.80	92.42	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.22	05/18/11	Inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW03	99.22	08/18/11	10.15	89.07	<100	<50	<250	<1	4.1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.41	11/21/11	10.03	89.38	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.41	02/16/12	9.61	89.80	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.66	05/18/12	8.94	90.72	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.66	08/14/12	11.88	87.78	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.66	11/28/12	10.62	89.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW03	99.66	03/05/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW03	99.66	06/04/13	12.15	87.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW03	99.66	08/27/13	Pump in Well	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW03	99.66	11/21/13	12.04	87.62	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW03	99.66	03/05/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW03	99.66	05/27/14	10.18	89.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW03	99.66	09/24/14	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW03	99.66	12/31/14	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW03	99.66	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Summary of Groundwater Data
TOC Holdings Co. Facility No. 01-169
851 North Broadway
Everett, Washington

Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					**800/1,000[8]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**160**	**20**	**0.01**	**5**	**15**		**5**		**NE**	**80**
RW04	98.87	05/03/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	07/19/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	11/08/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	02/06/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	06/08/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	08/14/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	11/29/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	02/19/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	06/27/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	08/12/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	11/26/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	03/31/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	06/19/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	08/27/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	11/25/09	15.66	83.21	350	<50	<250	27	40	5.6	88	<1	1.6	<1	<1	--	<1	--	--	--	--
RW04	98.87	01/28/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	06/09/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	08/18/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	11/09/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	02/16/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	05/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	98.87	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.06	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.06	02/15/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.27	05/17/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.27	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.27	11/29/12	15.05	84.22	11,000	1,900[x]	<300	82	350	10	2,400	--	--	--	--	--	--	--	--	--	--
RW04	99.27	03/05/13	12.74	86.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.27	06/04/13	15.80	83.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.27	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.27	11/21/13	15.51	83.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.27	03/05/14	16.2	83.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.27	05/27/14	17.19	82.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.27	09/24/14	17.04	82.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.27	12/31/14	17.10	82.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW04	99.27	03/26/15	17.13	82.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
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851 North Broadway
Everett, Washington

Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					**800/1,000[8]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**160**	**20**	**0.01**	**5**	**15**		**5**		**NE**	**80**
RW05	98.30	05/03/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	07/19/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	11/08/06	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	02/06/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	06/08/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	08/14/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	11/29/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	02/19/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	06/27/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	08/12/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	11/26/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	03/31/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	06/19/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.30	08/27/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.72	11/25/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.72	01/28/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	06/09/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	08/18/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	11/09/10	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	02/16/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	05/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	02/15/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	05/18/12	15.19	83.10	**1,200**	**650**[x]	<250	**260**	47	24	127	3.0	--	--	--	--	--	--	--	--	--
RW05	98.29	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	03/05/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	11/21/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	98.29	03/05/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	99.29	05/27/14	16.54	82.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	99.29	09/24/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	99.29	12/31/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW05	99.29	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					**800/1,000[8]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**160**	**20**	**0.01**	**5**	**15**		**5**		**NE**	**80**
RW06	98.25	05/04/06	10.82	87.43	77.4	--	--	<0.500	<0.500	<0.500	<3.00	--	<5.00	<0.500	<0.500	--	--	--	--	--	--
RW06	98.25	07/19/06	9.90	88.35	<100	--	--	<0.500	<0.500	<0.500	<3.00	--	<5.00	<0.500	<0.500	--	--	--	--	--	--
RW06	98.25	11/08/06	9.78	88.47	<100	--	--	<1	<1	<1	<3	--	<1	<1	<1	--	--	--	--	--	--
RW06	98.25	02/06/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW06	98.25	06/08/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW06	98.25	08/14/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW06	98.25	11/29/07	10.89	87.36	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.25	02/19/08	9.82	88.43	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.25	06/27/08	10.86	87.39	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.25	08/12/08	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW06	98.25	11/26/08	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW06	98.25	03/31/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW06	98.25	06/19/09	9.92	88.33	<100	--	--	<1	<1	<1	<3	<1	<1	<1	<1	--	13.8	--	--	--	--
RW06	98.25	08/28/09	9.80	88.45	<100	120	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.25	11/25/09	9.73	88.52	<100	<50	<250	<1	<1	<1	<3	<1	<1	<1	<1	--	<1	--	--	--	--
RW06	98.25	01/28/10	9.72	88.53	<100	<50	<250	<1	<1	<1	<3	<1	<1	<1	<1	--	--	--	--	--	--
RW06	98.25	06/09/10	9.61	88.64	<100	<50	<250	<0.35	<1	<1	<3	<1	<1	<1	<1	--	--	--	--	--	--
RW06	98.25	08/18/10	9.99	88.26	<100	81[2]	<250	<0.35	<1	<1	<3	<5	<1	<1	<1	--	--	--	--	--	--
RW06	98.25	11/09/10	9.70	88.55	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.25	02/16/11	9.70	88.55	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.25	05/18/11	9.68	88.57	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.25	08/19/11	9.99	88.26	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.25	11/22/11	9.89	88.36	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.25	02/16/12	9.73	88.52	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.24	05/18/12	9.73	88.51	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.24	08/14/12	9.93	88.31	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.24	11/30/12	9.70	88.54	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.24	03/05/13	9.69	88.55	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.24	06/04/13	9.73	88.51	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.24	08/28/13	9.97	88.27	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.24	11/21/13	9.69	88.55	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.24	03/04/14	9.64	88.60	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.24	05/29/14	9.70	88.54	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.24	09/23/14	10.34	87.90	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.24	12/29/14	9.70	88.54	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW06	98.24	03/27/15	9.73	88.51	<100	--	--	<0.35	<1	<1	<3	--	--	--	--	--	--	--	--	--	--

Table 1
Summary of Groundwater Data
TOC Holdings Co. Facility No. 01-169
851 North Broadway
Everett, Washington

Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					**800/1,000[8]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**160**	**20**	**0.01**	**5**	**15**		**5**		**NE**	**80**
RW07	98.41	05/03/06	10.06	88.35	66.7	--	--	1.380	<0.500	<0.500	<3.00	--	<5.00	<0.500	<0.500	--	--	--	--	--	--
RW07	98.41	07/19/06	11.27	87.14	<100	--	--	4.10	3.63	<0.500	<3.00	--	<5.00	<0.500	<0.500	--	--	--	--	--	--
RW07	98.41	11/08/06	10.70	87.71	<100	--	--	3.8	<1	<1	<3	--	<1	<1	<1	--	--	--	--	--	--
RW07	98.41	02/06/07	9.13	89.28	<100	--	--	<1	<1	<1	<3	--	--	--	--	<1	<1	13.2	18.2[c]	--	--
RW07	98.41	06/08/07	8.89	89.52	<100	--	--	3	<1	<1	<3	--	--	--	--	<1	<1	43.3	60.2[c]	--	--
RW07	98.41	08/14/07	10.94	87.47	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.41	11/29/07	9.30	89.11	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.41	02/19/08	11.92	86.49	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.41	06/27/08	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW07	98.41	08/12/08	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW07	98.41	11/26/08	9.81	88.60	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.41	03/31/09	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW07	98.41	06/19/09	10.22	88.19	<100	--	--	<1	<1	<1	<3	<1	<1	<1	<1	--	<1	--	--	--	--
RW07	98.41	08/28/09	8.87	89.54	<100	2,100[x]	1,900	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.41	11/25/09	9.10	89.31	<100	150[x]	840	<1	2.8	<1	<3	<1	5.9	<1	<1	--	<1	--	--	--	--
RW07	98.41	01/29/10	9.29	89.12	<100	<50	<250	<1	<1	<1	<3	<1	4.7	<1	<1	--	--	--	--	--	--
RW07	98.41	06/09/10	9.48	88.93	<100	62[x]	470	<0.35	<1	<1	<3	<1	4.5	<1	<1	--	--	--	--	--	--
RW07	98.41	08/18/10	10.25	88.16	<100	470[x]	<250	<0.35	<1	<1	<3	<5	7.2	<1	<1	--	--	--	--	--	--
RW07	98.41	11/09/10	9.73	88.68	<100	660[x]	360[x]	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.41	02/16/11	8.48	89.93	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.41	05/18/11	8.40	90.01	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.41	08/18/11	9.86	88.55	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.41	11/22/11	11.46	86.95	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.41	02/15/12	10.11	88.30	<100	620[x]	270[x]	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.40	05/17/12	11.38	87.02	<100	410	350[x]	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.40	08/14/12	10.33	88.07	<100	570[x]	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.40	11/28/12	9.85	88.55	<100	730[x]	310[x]	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.40	03/05/13	8.63	89.77	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.40	06/04/13	9.48	88.92	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.40	08/28/13	10.93	87.47	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.40	11/22/13	11.27	87.13	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.40	03/04/14	9.68	88.72	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.40	05/27/14	10.65	87.75	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.40	09/23/14	11.66	86.74	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.40	12/29/14	8.28	90.12	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW07	98.40	03/26/15	8.77	89.63	<100	--	--	<0.35	<1	<1	<3	--	--	--	--	--	--	--	--	--	--

Table 1
Summary of Groundwater Data
TOC Holdings Co. Facility No. 01-169
851 North Broadway
Everett, Washington

Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					800/1,000[8]	500	500	5	1,000	700	1,000	160	20	0.01	5	15		5		NE	80
RW08	99.32	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW08	99.32	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW08	99.32	02/15/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW08	99.49	05/17/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW08	99.49	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW08	99.49	11/28/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW08	99.49	03/05/13	23.10	76.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW08	99.49	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW08	99.49	08/27/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW08	99.49	11/21/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW08	99.49	03/06/14	26.33	73.16	1500	--	--	1.6	2.5	1.1	250	5.4	--	--	--	--	--	--	--	--	--
RW08	99.49	05/26/14	26.31	73.18	5,400	--	--	34	94	120	1,300	38	--	--	--	--	--	--	--	--	--
RW08	99.49	09/24/14	27.93	71.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW08	99.49	12/31/14	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW08	99.49	03/26/15	28.82	70.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW09	98.12	08/19/11	11.58	86.54	170	<50	<250	19	<1	<1	<3	<1	--	--	--	--	<1	--	--	--	--
RW09	98.12	11/22/11	10.66	87.46	<100	<50	<250	10	<1	<1	<3	<1	--	--	--	--	<1	--	--	--	--
RW09	98.12	02/16/12	10.19	87.93	<100	770[x]	330[x]	10	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW09	98.09	05/17/12	11.45	86.64	<100	520	320[x]	9.2	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW09	98.09	08/14/12	10.82	87.27	<100	250[x]	<250	4.1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW09	98.09	11/30/12	10.32	87.77	<100	380[x]	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW09	98.09	03/05/13	10.21	87.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW09	98.09	06/04/13	10.39	87.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW09	98.09	08/27/13	11.06	87.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW09	98.09	11/22/13	9.89	88.20	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW09	98.09	03/04/14	9.98	88.11	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW09	98.09	05/29/14	10.39	87.70	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW09	98.09	09/25/14	10.62	87.47	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW09	98.09	12/31/14	10.20	87.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW09	98.09	03/26/15	10.27	87.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW10	98.76	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW10	98.76	11/22/11	20.06	78.70	<100	<50	<250	<0.35	<1	<1	<3	<1	--	--	--	--	<1	--	--	--	--
RW10	98.76	02/16/12	15.85	82.91	<100	<50	<250	<1	<1	<1	3.8	--	--	--	--	--	--	--	--	--	--
RW10	99.02	05/18/12	8.94	90.08	<100	<50	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW10	99.02	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW10	99.02	11/30/12	19.31	79.71	<100	200[x]	<250	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW10	99.02	03/05/13	20.54	78.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW10	99.02	06/04/13	23.87	75.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW10	99.02	08/27/13	Pump in Well		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW10	99.02	11/21/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW10	99.02	03/06/14	17.48	81.54	<100	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--	--	--
RW10	99.02	05/27/14	18.35	80.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW10	99.02	09/25/14	22.85	76.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW10	99.02	12/31/14	23.77	75.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW10	99.02	03/26/15	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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851 North Broadway
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Well ID	TOC (feet)	Date	Historical DTW Range Per Work Plan (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L)											Lead[6]		Arsenic[6]		Trimethylbenzene[5]	
					GRPH[3]	DRPH[4]	ORPH[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]	Naphthalene[5]	MTBE[5]	EDB[5]	EDC[5]	Total	Dissolved	Total	Dissolved	1,2,4-	1,3,5-
MTCA Method A Cleanup Level for Groundwater[7]					800/1,000[8]	500	500	5	1,000	700	1,000	160	20	0.01	5	15		5		NE	80
RW11	99.81	08/18/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW11	99.81	11/21/11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW11	99.81	02/15/12	20.33	79.48	3,400	1,200[x]	<250	150	200	27	480	16	--	--	--	--	--	--	--	--	--
RW11	99.28	05/17/12	19.94	79.34	14,000	1,200[x]	<250	560	1,400	360	2,770	97	--	--	--	--	--	--	--	--	--
RW11	99.28	08/14/12	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW11	99.28	11/29/12	18.25	81.03	460	520[x]	<250	52	13	8.1	48	<1	--	--	--	--	--	--	--	--	--
RW11	99.28	03/05/13	19.62	79.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW11	99.28	06/04/13	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW11	99.28	08/27/13	23.44	75.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW11	99.28	11/22/13	21.88	77.40	750	--	--	1.1	13	<1	150	--	--	--	--	--	--	--	--	--	--
RW11	99.28	03/05/14	22.34	76.94	110	--	--	<1	<1	<1	11	--	--	--	--	--	--	--	--	--	--
RW11	99.28	05/26/14	22.02	77.26	110	--	--	<1	<1	<1	14	<1	--	--	--	--	--	--	--	--	--
RW11	99.28	09/25/14	23.69	75.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW11	99.28	12/31/14	18.82	80.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW11	99.28	03/26/15	18.85	80.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:

Red denotes concentrations exceeding the MTCA Method A cleanup level.

Samples analyzed by TestAmerica Laboratories, Inc. of Bothell, Washington, or Friedman & Bruya, Inc. of Seattle, Washington.

TOCs were surveyed relative to an arbitrary benchmark with an assumed elevation of 100.00 feet.

[1] Measured in feet below the top of the well casing.

[2] Calculated by subtracting the depth to groundwater from the TOC.

[3] Analyzed by Method NWTPH-Gx.

[4] Analyzed by Method NWTPH-Dx.

[5] Analyzed by EPA Method 8021B, 8260B, or 8260C.

[6] Analyzed by EPA Method 200.8.

[7] MTCA Cleanup Regulation, Method A Cleanup Levels, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, revised November 2007.

[8] 800 µg/L when benzene is present and 1,000 µg/L when benzene is not present.

[9] The TOC for OW02 was modified and resurveyed on March 16, 2009.

Laboratory Notes:

[c] The dissolved arsenic was greater than the total arsenic for the sample. The samples were reanalyzed by the laboratory with the same result.

[i] The result is below normal reporting limits. The value reported is an estimate.

[x,z] The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

[y] The pattern of peaks present is not indicative of motor oil.

-- = not analyzed/not measured

< = not detected at a concentration exceeding laboratory reporting limits

µg/L = micrograms per liter

DRPH = diesel-range petroleum hydrocarbons

Dry = measurable groundwater not encountered in well

EDB = ethylene dibromide (1,2-dibromoethane)

EDC = ethylene dichloride (1,2-dichloroethane)

EPA = U.S. Environmental Protection Agency

GRPH = gasoline-range petroleum hydrocarbons

MTBE = methyl tertiary-butyl ether

MTCA = Washington State Model Toxics Control Act

NWTPH = Northwest Total Petroleum Hydrocarbon

NE = Not established

ORPH = oil-range petroleum hydrocarbons

TOC = top of well casing elevation

Table 2
Summary of System Performance
TOC Holdings Co. Facility No. 01-169
851 North Broadway
Everett, Washington

Reporting Period		Duration of Reporting Period	System Run Time (days)	System Run Time (%)	Volume of Groundwater Discharged	Average Groundwater Recovered Flow Rate	GRPH Aqueous-Phase Removal (lb)	GRPH Vapor-Phase Removal (lb)
Start Date	**End Date**							
06/07/12	06/19/12	12	12	99%	3,950	329.2	0.015	103.0
06/19/12	09/12/12	85	41	48%	4,764	56.0	0.014	354.9
09/12/12	11/09/12	58	38	66%	2,306	39.8	0.006	513.0
11/09/12	07/10/13	119	29	24%	5,473	46.0	0.004	139.4
07/10/13	10/10/13	87	87	100%	8,932	102.7	0.007	178.0
10/10/13	01/00/00	106	65	61%	2,989	28.2	0.003	177.3
09/17/13	12/06/13	80	73	91%	3,727	46.6	0.003	314.9
12/06/14	03/14/14	98	95	98%	9,576.6	103.4	0.003	274.7
03/14/14	06/23/14	101	38	37%	6,119.0	161.0	0.003	1.5
06/23/14	09/26/14	95	86	82%	3,303.0	38.4	0.000	10.5
09/26/14	12/10/14	75	75	100%	7,799.0	13.8	0.000	11.3
12/10/14	03/27/15	107	76	71%	10,441.0	137.4	0.000	16.4
03/27/15		Shut down remediation system for confirmation sampling						
Average	--	--	--		--		--	--
Totals		**1,023**	**703**	**73%**	**65,430**	**91.9**	**0.043**	**2,095.0**

NOTES:

gallons/day = gallons per day

GRPH = gasoline-range petroleum hydrocarbons

lb = pound(s)

ATTACHMENT A

GROUNDWATER SAMPLE COLLECTION FORMS

GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: MW01

Project Name (Number): TOC Everett-Broadway (01-169) Sample I.D.: MW01 Time: 1245
Hydrocon Project Number: 14-816 Field Duplicate I.D.: Time:
Date: 25 March 2015 Personnel: Larry Namba

WELL INFORMATION

Monument condition: ☐ Good ☑ Needs repair: stripped ears ☑ 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: 19.25 ft Bottom: ☐ Hard ☑ Semi Soft ☐ Not measured Screen Interval(s): 5-20
Depth to product: NM ft
Depth to water: 17.90 ft Intake Depth (BTOC): 18.5 Begin Purging Well: 1224
Casing volume: 1.35 ft (H_2O) X 0.16 gal/ft = 0.22 gal. X 3 = 0.66 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 ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other
Bailer type: Water Disposal: ☐ Drummed ☑ Remediation System ☐ Other

FIELD PARAMETERS

Odor and/or Sheen: None

Time	Water Level (BTOC)	Purge Rate (L/min) (0.100-0.500)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1227	18.34		12.67	0.772	8.32	6.71	222	157
1230	18.35	0.088	12.98	0.720	7.78	6.72	220	158
1233	18.40		13.16	0.728	7.53	6.72	218	131
1236	18.46		13.15	0.734	7.47	6.72	218	110
1239	18.45		13.19	0.733	7.45	6.71	217	106
1242	18.51		13.21	0.735	7.48	6.72	217	89.1

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: Some iron fouling/sediment in water column

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis Requested
40 ml VOA	(3) / 4 / 6	HCl	No 0.45 0.10	NWTPH-GX, BTEX, ~~EDC~~
~~500 ml AGB~~	~~1~~	~~None~~	~~No 0.45 0.10~~	~~NWTPH-Dx~~
~~500 ml Poly~~	~~1~~	~~HNO_3~~	~~No 0.45 0.10~~	~~Dissolved Pb~~
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments:

GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: MW09

Project Name (Number): JDC Everett - Broadway (01-169)
Hydrocon Project Number: 14-810
Date: 26 March 2015

Sample I.D.: MW09 Time: 1209
Field Duplicate I.D.: Time:
Personnel: Larry Namba

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: 23.14 ft Bottom: ☐ Hard ☑ Soft (Semi) ☐ Not measured Screen Interval(s): 5-25
Depth to product: NM ft
Depth to water: 13.80 ft Intake Depth (BTOC): 16 Begin Purging Well: 1149
Casing volume: 9.34 ft (H_2O) X 0.16 gal/ft = 1.49 gal. X 3 = 4.47 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 ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other
Bailer type: Water Disposal: ☐ Drummed ☑ Remediation System ☐ Other

FIELD PARAMETERS

Odor and/or Sheen: None

Time	Water Level (BTOC)	Purge Rate (L/min) (0.100-0.500)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1151	13.84		15.92	0.872	0.92	6.20	202	23.0
1154	13.86	0.080	15.20	0.901	0.63	6.23	203	17.9
1157	13.88		15.23	0.902	0.50	6.23	203	11.9
1200	13.89		15.15	0.867	0.46	6.23	203	9.2
1203	13.90		14.99	0.879	0.42	6.24	202	6.7
1206	13.91		14.92	0.878	0.38	6.23	200	4.0

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
40 ml VOA	(3)/4/6	HCl	(No) 0.45 0.10	NWTPH-GX, BTEX
~~500 ml AGB~~	~~1~~	~~None~~	~~No 0.45 0.10~~	~~NWTPH-Dx~~
~~500 ml Poly~~	~~1~~	~~HNO_3~~	~~No 0.45 0.10~~	~~Dissolved Pb~~
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments:

GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: MW12

Project Name (Number): TOC Everett- Broadway (014169) Sample I.D.: MW12 Time: 1301
Hydrocon Project Number: 14-810 Field Duplicate I.D.: Time:
Date: 26 March 2015 Personnel: Larry Namba

WELL INFORMATION

Monument condition: ☐ Good ☑ Needs repair: Ears Stripped ☑ 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: 15.14 ft Bottom: ☑ Hard ☐ Soft ☐ Not measured Screen Interval(s): 5-15
Depth to product: NM ft
Depth to water: 12.95 ft Intake Depth (BTOC): 14.5 Begin Purging Well: 1240
Casing volume: 2.19 ft (H_2O) X 0.16 gal/ft = 0.35 gal. X 3 = 1.05 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 ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other
Bailer type: Water Disposal: ☐ Drummed ☑ Remediation System ☐ Other

FIELD PARAMETERS

Odor and/or Sheen: None

Time	Water Level (BTOC)	Purge Rate (L/min) (0.100-0.500)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1243	12.46		16.82	0.995	7.08	7.06	189	27.2
1246	12.72	0.080	16.71	1.016	6.05	7.07	191	18.9
1249	12.97		16.55	1.015	6.18	7.07	191	17.5
1252	13.44		15.62	1.013	6.32	7.07	192	16.6
1255	13.54		15.49	1.016	6.43	7.08	192	16.4
1258	13.93		15.53	1.014	6.41	7.07	192	15.1

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
40 ml VOA	(3) / 4 / 6	HCl	(No) 0.45 0.10	NWTPH-GX, BTEX
~~500 ml AGB~~	~~1~~	~~None~~	~~No 0.45 0.10~~	~~NWTPH-Dx~~
~~500 ml Poly~~	~~1~~	~~HNO_3~~	~~No 0.45 0.10~~	~~Dissolved Pb~~
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments:

GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: MW13

Project Name (Number): TOC Everett 01-169 | Sample I.D.: MW13 | Time: 1310
Hydrocon Project Number: | Field Duplicate I.D.: NA | Time: NA
Date: 3-26-15 | Personnel: Warren Rajkovich

WELL INFORMATION

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

PURGING INFORMATION

Total well depth: 14.81 ft Bottom: [X] Hard [ ] Soft [ ] Not measured Screen Interval(s): 5-15
Depth to product: NA ft
Depth to water: 9.92 ft Intake Depth (BTOC): 10 Begin Purging Well: 1247
Casing volume: 4.89 ft (H_2O) X 0.16 gal/ft = 0.78 gal. X 3 = 2.34 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 [X] Peristaltic [ ] Centrifugal [ ] Dedicated Bladder [ ] Non-Dedicated Bladder Other
Bailer type: Water Disposal: [ ] Drummed [ ] Remediation System [ ] Other

FIELD PARAMETERS

Odor and/or Sheen:

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1248	10.05	0.12	13.6	0.613	0.71	6.52	16.8	7.77
1251	10.20		13.5	0.614	0.45	6.45	26.0	5.06
1254	10.30		13.5	0.613	0.37	6.44	30.7	2.26
1257	10.38	0.10	13.4	0.614	0.39	6.44	33.5	2.20
1300	10.47		13.3	0.613	0.41	6.46	35.4	0.99
1303	10.56		13.4	0.613	0.44	6.46	36.2	0.51

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
40 mL VOA	3	HCL	(No) 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments:

GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: RW01

Project Name (Number): TOC Everett - Broadway (01-169) Sample I.D.: RW01 Time: 1336
Hydrocon Project Number: 14-810 Field Duplicate I.D.: _____ Time: _____
Date: 25 March 2015 Personnel: Larry Namba

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 Vaulted

PURGING INFORMATION

Total well depth: ~~17.56~~ 17.50 ft Bottom: ☑ Hard ☐ Soft ☐ Not measured Screen Interval(s): 8-18
Depth to product: NM ft
Depth to water: 11.51 ft Intake Depth (BTOC): 14 Begin Purging Well: 1315
Casing volume: 5.99 ft (H_2O) X 0.65 gal/ft = 3.89 gal. X 3 = 11.68 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 ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☑ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: None

Time	Water Level (BTOC)	Purge Rate (L/min) (0.100-0.500)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1318	~~11.63~~		12.82	0.414	7.94	6.85	217	5.9
1321	11.66	0.088	12.92	0.411	7.82	6.85	217	6.0
1324	11.70		12.94	0.411	7.75	6.8	217	6.2
1327	11.75		12.96	0.412	~~6.85~~ 7.62	6.86	217	6.5
1330	11.78		12.98	0.410	7.67	6.85	217	6.9
1333	11.81		12.96	0.408	7.74	6.85	217	7.8

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
40 ml VOA	(3) / 4 / 6	HCl	(No) 0.45 0.10	NWTPH-GX, BTEX, ~~EDC~~
~~500 ml AGB~~	~~1~~	~~None~~	~~No 0.45 0.10~~	~~NWTPH-Dx~~
~~500 ml Poly~~	~~1~~	~~HNO_3~~	~~No 0.45 0.10~~	~~Dissolved Pb~~
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: RW06

Project Name (Number): TOC Everett - Broadway (01-169) Sample I.D.: RW06 Time: 1423
Hydrocon Project Number: 14-810 Field Duplicate I.D.: Time:
Date: 25 March 2015 Personnel: Larry Nanka

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 Vaulted

PURGING INFORMATION

Total well depth: 12.31 ft Bottom: ☑ Hard ☐ Soft ☐ Not measured Screen Interval(s): 8-13
Depth to product: NM ft
Depth to water: 9.67 ft Intake Depth (BTOC): 11 Begin Purging Well: 1402
Casing volume: 2.64 ft (H_2O) X 0.65 gal/ft = 1.72 gal. X 3 = 5.16 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 ☐ Dedicated Bladder ☐ Non-Dedicated Bladder 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)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1405	9.68		12.29	0.823	2.68	6.65	222	1.1
1408	9.69	0.084	12.35	0.827	1.51	6.64	223	0.4
1411	9.69		12.34	0.831	1.22	6.63	223	0.3
1414	9.69		12.39	0.827	1.27	6.64	223	0.1
1417	9.69		12.16	0.826	1.41	6.64	223	0.2
1420	9.69		12.30	0.828	1.21	6.63	224	0.7

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
40 ml VOA	(3) / 4 / 6	HCl	(No) 0.45 0.10	NWTPH-GX, BTEX, ~~EDC~~
~~500 ml AGB~~	~~1~~	~~None~~	~~No 0.45 0.10~~	~~NWTPH-Dx~~
~~500 ml Poly~~	~~1~~	~~HNO_3~~	~~No 0.45 0.10~~	~~Dissolved Pb~~
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments:

GROUNDWATER PURGE AND SAMPLE COLLECTION

Well I.D. Number: RW07

Project Name (Number): TOC Everett 01-169 | Sample I.D.: RW07 | Time: 1220
Hydrocon Project Number: | Field Duplicate I.D.: MW99 | Time: 1230
Date: 3-26-15 | Personnel: Warren Rajkovich

WELL INFORMATION

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

PURGING INFORMATION

Total well depth: 13.04 ft Bottom: [X] Hard [ ] Soft [ ] Not measured Screen Interval(s): 8-13
Depth to product: NA ft
Depth to water: 8.15 ft Intake Depth (BTOC): 10.5 Begin Purging Well: 1157
Casing volume: 4.89 ft (H_2O) X 0.16 gal/ft = 0.7824 gal. X 3 = 2.347 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 [X] Peristaltic [ ] Centrifugal [ ] Dedicated Bladder [ ] Non-Dedicated Bladder Other
Bailer type: Water Disposal: [ ] Drummed [ ] Remediation System [ ] Other

FIELD PARAMETERS

Odor and/or Sheen:

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1200	8.30	0.12	13.1	0.467	0.57	6.35	-147.4	4.07
1203	8.49		12.9	0.459	0.27	6.57	-165.0	2.30
1206	8.53		13.2	0.458	0.37	6.59	-163.9	2.68
1209	8.56		13.1	0.458	0.32	6.60	-164.2	2.04
1212	8.61		13.1	0.457	0.27	6.60	-164.5	1.29
1215	8.65		13.2	0.457	0.26	6.60	-164.3	1.22

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
40 ml VOA	3 / 4 / (6)	HCl	(No) 0.45 0.10	NWTPH-Gx, BTEX
500 ml AGB	1	None	No 0.45 0.10	NWTPH-Dx
500 ml Poly	1	HNO_3	No 0.45 0.10	Dissolved Lead
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments:

ATTACHMENT B

LAB REPORTS 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

April 1, 2015

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 March 27, 2015 from the TOC_01-169, WORFDB8 F&BI 503536 project. There are 15 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
HDC0401R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on March 27, 2015 by Friedman & Bruya, Inc. from the HydroCon TOC_01-169, WORFDB8 F&BI 503536 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	HydroCon
503536 -01	MW01
503536 -02	MW09
503536 -03	MW12
503536 -04	MW13
503536 -05	RW01
503536 -06	RW06
503536 -07	RW07
503536 -08	MW99

All quality control requirements were acceptable.

Date of Report: 04/01/15
Date Received: 03/27/15
Project: TOC_01-169, WORFDB8 F&BI 503536
Date Extracted: 03/30/15
Date Analyzed: 03/30/15

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

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 51-134)
MW01 503536-01	<100	102
MW09 503536-02	<100	100
MW12 503536-03	<100	98
MW13 503536-04	<100	103
RW01 503536-05	<100	101
RW06 503536-06	<100	100
RW07 503536-07	<100	107
MW99 503536-08	<100	101
Method Blank 05-601 MB	<100	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW01	Client:	HydroCon
Date Received:	03/27/15	Project:	TOC_01-169, WORFDB8 F&BI 503536
Date Extracted:	03/27/15	Lab ID:	503536-01
Date Analyzed:	03/27/15	Data File:	032719.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	94	108
Toluene-d8	99	91	107
4-Bromofluorobenzene	96	91	110

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW09	Client:	HydroCon
Date Received:	03/27/15	Project:	TOC_01-169, WORFDB8 F&BI 503536
Date Extracted:	03/27/15	Lab ID:	503536-02
Date Analyzed:	03/27/15	Data File:	032720.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	94	108
Toluene-d8	98	91	107
4-Bromofluorobenzene	96	91	110

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW12	Client:	HydroCon
Date Received:	03/27/15	Project:	TOC_01-169, WORFDB8 F&BI 503536
Date Extracted:	03/27/15	Lab ID:	503536-03
Date Analyzed:	03/27/15	Data File:	032721.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	94	108
Toluene-d8	100	91	107
4-Bromofluorobenzene	100	91	110

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW13	Client:	HydroCon
Date Received:	03/27/15	Project:	TOC_01-169, WORFDB8 F&BI 503536
Date Extracted:	03/27/15	Lab ID:	503536-04
Date Analyzed:	03/27/15	Data File:	032722.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	94	108
Toluene-d8	98	91	107
4-Bromofluorobenzene	96	91	110

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	RW01	Client:	HydroCon
Date Received:	03/27/15	Project:	TOC_01-169, WORFDB8 F&BI 503536
Date Extracted:	03/27/15	Lab ID:	503536-05
Date Analyzed:	03/27/15	Data File:	032723.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	94	108
Toluene-d8	99	91	107
4-Bromofluorobenzene	97	91	110

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	RW06	Client:	HydroCon
Date Received:	03/27/15	Project:	TOC_01-169, WORFDB8 F&BI 503536
Date Extracted:	03/27/15	Lab ID:	503536-06
Date Analyzed:	03/27/15	Data File:	032724.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	94	108
Toluene-d8	99	91	107
4-Bromofluorobenzene	96	91	110

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	RW07	Client:	HydroCon
Date Received:	03/27/15	Project:	TOC_01-169, WORFDB8 F&BI 503536
Date Extracted:	03/27/15	Lab ID:	503536-07
Date Analyzed:	03/27/15	Data File:	032725.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	94	108
Toluene-d8	100	91	107
4-Bromofluorobenzene	99	91	110

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW99	Client:	HydroCon
Date Received:	03/27/15	Project:	TOC_01-169, WORFDB8 F&BI 503536
Date Extracted:	03/27/15	Lab ID:	503536-08
Date Analyzed:	03/27/15	Data File:	032726.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	94	108
Toluene-d8	100	91	107
4-Bromofluorobenzene	97	91	110

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	HydroCon
Date Received:	Not Applicable	Project:	TOC_01-169, WORFDB8 F&BI 503536
Date Extracted:	03/27/15	Lab ID:	05-0610 mb
Date Analyzed:	03/27/15	Data File:	032707.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	94	108
Toluene-d8	100	91	107
4-Bromofluorobenzene	100	91	110

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1

Date of Report: 04/01/15
Date Received: 03/27/15
Project: TOC_01-169, WORFDB8 F&BI 503536

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

Laboratory Code: 503512-04 (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	97	69-134

Date of Report: 04/01/15
Date Received: 03/27/15
Project: TOC_01-169, WORFDB8 F&BI 503536

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

Laboratory Code: 503512-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Benzene	ug/L (ppb)	50	<0.35	97	83-112
Toluene	ug/L (ppb)	50	<1	97	82-116
Ethylbenzene	ug/L (ppb)	50	<1	99	83-117
m,p-Xylene	ug/L (ppb)	100	<2	101	78-125
o-Xylene	ug/L (ppb)	50	<1	105	84-119

Date of Report: 04/01/15
Date Received: 03/27/15
Project: TOC_01-169, WORFDB8 F&BI 503536

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benzene	ug/L (ppb)	50	95	95	79-119	0
Toluene	ug/L (ppb)	50	94	94	81-121	0
Ethylbenzene	ug/L (ppb)	50	97	96	84-120	1
m,p-Xylene	ug/L (ppb)	100	98	97	84-119	1
o-Xylene	ug/L (ppb)	50	102	101	85-118	1

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.

503536

~~ME~~ ME 03/27/15 V3

Page # 1 of 2

Hydro Con

Warren Rajkovich

Samplers Name: Larry Namba
Project Name: TOC Holdings Company
Facility Number: 01-169
Facility Address: Everett, WA
PO Number:
EDD Requested: EIM

Requested Turn Around Time
[x] Standard 10 business days
[ ] Rush
Rush Charges Authorized by:
Sample Disposal: (30 days) Return Will Call

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

Additional Comments:
~~BTEX+ODEQ VOC = RBCA~~
~~Oxygenates: Napthalene, EDC, 1,3,5 Trimethylbeneze~~

	Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of containers	TPH-Dx	TPH-Dx+SG	TPH-Gx	8260C BTEX	8260C Oxygenates	8260 SIM RBCA	8260C RBCA	8260C N	200.8 Pb, Total	200.8 Pb, Diss FF			Notes
							ANALYSES REQUESTED												
1	MW01	01 A-C	03/25/15	1245	W	3			x	x									
2	MW09	02	03/26/15	1209	W	3			x	x									
3	MW12	03	03/26/15	1301	W	3			x	x									
4	MW13	04	03/26/15	1310	W	3			x	x									
5	RW01	05	03/25/15	1336	W	3			x	x									
6	RW06	06	03/25/15	1423	W	3			x	x									
7	RW07	07 ✓	03/26/15	1220	W				x	x									
8	~~RW08~~				W				x	x				x					0.09' water
9	~~RW09~~				W				x	x									
10	~~RW10~~				W				x	x									0.35' water

	Signature	Print Name	Time	Date
Relinquished by:	Larry Namba	Larry Namba	1156	27 March 2015
Received by:	VIDH	VIDH	~~FDI~~	3/27/15
Relinquished by:			11:56	
Received by:				

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

Samples received at 3 **°C**

503536

ME 03/27/15 V3

Page # 2 of 2

Hydro Con

Warren Raitkovich

Samplers Name: Larry Namba
Project Name: TOC Holdings Company

Facility Number: 01-169

Facility Address: Everett, WA

PO Number:

EDD Requested: EIM

Requested Turn Around Time

[x] Standard 10 business days
[ ] Rush

Rush Charges Authorized by:

Sample Disposal: (30 days) Return Will Call

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

Additional Comments:
BTEX+ODEQ VOC = RBCA
Oxygenates: Napthalene, EDC, 1,3,5 Trimethylbeneze

	Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of containers	TPH-Dx	TPH-Dx+SG	TPH-Gx	8260C BTEX	8260C Oxygenates	8260 SIM RBCA	8260C RBCA	8260C N	200.8 Pb, Total	200.8 Pb, Diss FF			Notes
							ANALYSES REQUESTED												
1	~~RW11~~				~~W~~				~~x~~	~~x~~				~~x~~					~~0.30' water~~
2	MW99	08 A-C	03/26/15	1230	W	3			x	x									
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

	Signature	Print Name	Time	Date
Relinquished by:	Larry Namba	Larry Namba	1156	27 March 2015
Received by:	Vinh	VINH	1156	3/27/15
Relinquished by:				
Received by:				

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

Samples received at 3 °C