MEMORANDUM

To: Jeff Niten

From: Merideth D'Andrea, LG

James J. Maul, LHG

Date: August 4, 2015

Project: 0239.28.03

State of Washington
Hydrogeologist
1829
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JAMES J. MAUL

RE: Site Investigation: Park Laundry Site - Grant #G1400561

Maul Foster & Alongi, Inc. (MFA) has prepared this memorandum for the city of Ridgefield (Ridgefield), summarizing environmental conditions at the Former Park Laundry property located at 122 N. Main Avenue in Ridgefield, Washington (the Property) (see Figure 1). Union Ridge Investment Company (URIC), the property owner has nearly completed a remedial investigation and feasibility study (RI/FS) under an Agreed Order No. DE 6829 (the Order) with the Washington State Department of Ecology (Ecology). This memorandum has been completed for the city in conjunction with an Integrated Planning Grant (IPG) issued to Ridgefield by Ecology.

BACKGROUND

The Former Park Laundry property is an undeveloped lot approximately 25 feet wide (north-south) and 100 feet deep (east-west). Two vacant lots are located directly north of the Park Laundry property. All three lots are impacted by perchloroethylene (PCE), a chemical commonly used in dry cleaning.

Park Laundry ceased operations in 1978. URIC purchased the Property on May 31, 1979, after Park Laundry had ceased operation. At the time of purchase there was no dry cleaning equipment in the building. The Property was sold to Larry Beaman on February 15, 2000. Mr. Beaman removed the building from the Property and defaulted on the Property. The Property was then quitclaimed to URIC on November 19, 2007.

The two lots north of the Park Laundry property are owned by Mr. and Ms. Hinrichs. The three lots are currently not transactable because of the contamination from the former Park Laundry operations. The estimated cost of remediation far exceeds the market value of the properties.

Surrounding uses include an alleyway owned by the City, a skate park directly east; a police station is directly south; and to the west across Main Avenue are a theater/coffee shop, a restaurant, a small retail commercial building, and US Post Office (Figure 2).

The historical dry cleaning operations have resulted in significant groundwater contamination in the area of the Property. Site investigations were initially conducted by the United States Environmental Protection Agency (USEPA) in 2006 and detected volatile organic compounds (VOCs), primarily tetrachloroethene (PCE) and associated breakdown products in soil and groundwater on the Property and on neighboring properties above the State of Washington's Model Toxics Control Act (MTCA) Method A soil and groundwater cleanup levels for unrestricted land use. Based on known contamination, Ecology and URIC have entered into the Agreed Order. The Order requires URIC to conduct a remedial investigation and feasibility study (RI/FS) to determine the nature and extent of hazardous substances at the site, identify potential threats to human health and the environment pursuant to MTCA, and to support development of appropriate remedial actions. The RI began in 2010 to characterize the nature and extent of contamination in soil, groundwater, and soil vapor.

SITE INVESTIGATIONS

Previous site investigations have identified VOC impacts in soil and groundwater on the Property and on neighboring properties (MFA, 2009).

In November 2001, MFA conducted a Phase II environmental site assessment on the 204-206 N. Main Avenue property. The 204-206 property is north of the Property. MFA completed three borings (GP-1 through GP-3) and analyzed groundwater samples for VOCs. Detections of PCE in the three borings were above Ecology screening levels.

In July 2006, Hahn conducted a subsurface investigation on the properties just north of the Property. Hahn completed five borings (B-1 through B-5) and analyzed groundwater samples for VOCs from four of the borings.

In October 2006, Clark County Health completed six borings on and just north of the Property to collect soil and groundwater samples (Clark County Health, 2006). Soil samples were collected from the saturated zone, and groundwater was collected in the shallow water-bearing zone (WBZ). The samples were analyzed for VOCs. The investigation conducted by Clark County Health led Ecology to place the site on the Confirmed and Suspected Contaminated Sites database on April 27, 2006.

In April 2008, the U.S. Environmental Protection Agency (USEPA) and its contractor, E&E, conducted testing from 24 borings on the Property and neighboring properties (E&E, 2008). Soil was collected and analyzed from the saturated zone, and some samples just above the water level in the vadose zone. Groundwater samples were collected in the shallow WBZ. Chlorinated solvents were detected on and near the Property.

In addition to historical investigations that were conducted on the Property and in the immediate vicinity, detections of PCE have been noted at the Port's boat launch parking area and the South Pole Yard (also referred to as Cell 3) of the Port's Lake River Industrial Site approximately 700 feet downgradient of the subject Property. The data for the boat launch area and Cell 3 are included in the February 2007 Cell 3 Remedial Investigation and Risk Assessment Report (MFA, 2007). PCE

was detected in all of the monitoring wells completed in the deep portion of the upper WBZ (screened from approximately 40 to 50 feet bgs). The concentration of PCE tends to increase in concentration south and east in the area of Cell 3 and in the boat launch parking area, indicating a source to the east/southeast. Based on this and area geology, it is believed that PCE observed in groundwater on Cell 3 and the boat launch parking area is likely due to former operations at the Park Laundry property.

The RI at the Property began in 2010 to characterize the nature and extent of contamination in soil, groundwater, and soil vapor. Soil and reconnaissance groundwater borings GP24 through GP61 and deeper borings B5 though B11 were advanced in March 2010. Additional reconnaissance groundwater borings GP62 through GP67 were advanced in October 2010. Reconnaissance groundwater borings GP68 through GP81 and monitoring wells MW1 through MW7 were advanced in June 2011. Monitoring wells MW8 through MW16 were installed in February 2012 and MW17 through MW21 in March 2013. As part of the RI, groundwater monitoring has been, and continues to be, conducted on a quarterly basis. In addition, the RI included an evaluation of potential impacts to indoor air at structures within the boundaries of the groundwater contamination plume. All RI data submittals and associated reports that have been submitted to Ecology to date are listed in the References section of this memorandum and results are summarized below.

HYDROGEOLOGY

A thick, low-permeability layer of clay underlies the upper water-bearing zone (UWBZ) at the Property and in the vicinity, and acts as a perching layer for shallow groundwater in the source area and upland portion of the site. Silty and sandy gravels of the Upper Troutdale Formation underlie the low-permeability clay. The UWBZ typically consists of silt, sand, and silty sand.

From south to north, the thickness of the UWBZ increases. West of the Burlington Northern railroad tracks and north of Ash Street, the clay perching layer is not present, and silty and sandy gravel were observed. Depth to groundwater and groundwater elevation data are summarized in Table 1. Groundwater beneath the Property is shallow, approximately 2 to 7 feet bgs, and ranges from approximately 2 to 40 feet bgs throughout the study area. Figure 3 is an estimated potentiometric surface map constructed using monitoring data collected in March 2015.

These data show that groundwater flow direction generally conforms to topography. On the upper terrace, where the Property is located, groundwater flow varies from west to almost due north, forming a groundwater ridge. Groundwater contours become steeper to the west (again mimicking topography), with the gradient flattening on the lower floodplain terrace.

NATURE AND EXTENT

Soil

Soil and reconnaissance groundwater assessment began at the site in 2010. The highest concentration of PCE in surface soil was detected in GP51 at a concentration of 147 micrograms per kilogram (µg/kg), which is above the MTCA Method A soil cleanup level (CUL) of 50 µg/kg. Concentrations in GP44, GP45, and GP46, all of which are located on the eastern end of the Property, were also above the Method A CUL. In addition, there was an isolated exceedance of PCE at GP38, located south of the Property. Characterization of the nature and extent of contamination in soil is complete, as concentrations reach levels below Method A CULs just outside the eastern end of the Property. Shallow soil data on the Property and in the direct vicinity are shown on Figure 4 and all soil data is summarized in Table 2.

Soil samples co-located with groundwater samples were analyzed to allow evaluation of the partitioning of PCE and its degradation products between the sorbed (soil) phase and the dissolved (aqueous) phase. While partitioning data is important in understanding fate and transport and predicting natural attenuation, soil data from samples collected in the WBZ were not considered in the nature and extent evaluation. As would be expected, PCE concentrations in soil samples mimic those in co-located groundwater, and therefore groundwater data were used to evaluate the extent of the PCE plume in the WBZ.

Groundwater

Ten quarterly groundwater monitoring events have been conducted since monitoring began in March 2012. Twenty groundwater monitoring wells have been installed to enable complete characterization of the vertical and horizontal extent of groundwater contamination at the site. The monitoring well locations and results of the most recent groundwater sampling event, March 2015, are shown on Figure 5. Groundwater monitoring results are summarized in Tables 3 through 5.

PCE concentrations consistently exceed MTCA CULs in all monitoring wells except MW02, MW06, MW08, MW14, MW17, MW18, MW19, and MW20. In the wells on the Port's property, PCE concentrations exceeded MTCA CULs in MW-29D, MW-46D, and MW-47D. TCE concentrations exceed MTCA CULs in MW06, MW09, MW10, and MW13. TCE concentrations do not appear to correlate well with PCE concentrations in all wells, indicating that some reductive dechlorination is occurring, but not significantly.

Air

Soil gas and indoor air assessment work was coordinated with Ecology with input from the Washington State Department of Health.

Buildings on the site were prioritized for sampling, based on identified risk factors for vapor intrusion, such as proximity to groundwater with the highest concentrations of chlorinated solvents, type of building construction, and the identification of preferential exposure pathways. The

exposure assessment included sampling in and around approximately ten of the highest-priority buildings in November 2012 and again in July 2013. Sample locations are shown on Figure 6 and results of the vapor assessment are summarized in Tables 6 and 7.

Despite the identification of risk factors, the evaluation failed to identify vapor intrusion into any of the buildings on the site. This supports the conclusion that there is currently no indoor air exposure resulting from vapor intrusion on the site. However, the potential for future exposure on the undeveloped properties on the site should continue to be considered.

Natural Attenuation

The natural attenuation analysis was conducted in an effort to characterize the plume and how it has changed over the duration of water quality monitoring throughout the site. Normalized trend plots were created to illustrate the change in concentration over the past three years. Although, there is slight indication of decreasing PCE concentrations in MW1 and MW5, the trend plots show a generally stable plume. Seasonal variations are evident as seen in the trend plots but there are no significant upward or downward inclinations.

Most of the wells within the plume have TCE detections, which indicate the occurrence of PCE biodegradation. However, a bulk degradation rate was calculated for December 2014 and March 2015, and both values were less than 1 indicating a fairly low bulk degradation. This supports evidence that the plume is fairly stable with minimal degradation occurring.

In addition, an analysis was conducted to verify the likelihood of natural attenuation occurring in the existing PCE plume. The USEPA *Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Groundwater* identifies a process for ranking the relative strength of evidence that anaerobic biodegradation is occurring based on aquifer conditions and chemical concentrations. The evaluation is based on the concentrations of the following analytes: dissolved oxygen (DO), nitrate, ferrous iron, sulfate, sulfide, methane, redox potential (ORP), pH, TOC, temperature, carbon dioxide, alkalinity, chloride, ethane. The concentrations of these parameters are compared to fixed criteria (identified in the *Technical Protocol)* or to background. These comparisons, along with the relative concentrations of TCE and its degradation products, provide the evidence for natural attenuation.

MFA collected samples for the natural attenuation parameters from the monitoring wells (see Table 8). The data were evaluated consistent with the Technical Protocol. The results indicate that there is limited evidence for natural attenuation.

CONCLUSIONS

Impacts to soil, air and groundwater have been delineated for the site. The lateral extent of surface soil impacts are limited to the property and immediately adjacent. The groundwater plume extends approximately 1000 ft downgradient of the Property, along the flow of groundwater in the north-northwest direction. Groundwater in the area is not being used as a drinking water source, and does

not appear to impact Lake River as discussed in the Port RI (MFA, 2000). Based on sampling for natural attenuation parameters as well as assessing other in-situ conditions, it appears that groundwater contamination inside the plume is not degrading at a rate viable for use as a remedial alternative in and of itself.

Data collection for the site is complete, and currently MFA is in the process of finalizing the RI and preparing a Feasibility Study to assess potential cleanup alternatives and associated costs.

PRESUMPTIVE REMEDY

A likely remedy would be excavation in the source area and chemical oxidation treatment of the chlorinated solvents through injections.

Excavation and Off-Site Disposal: Excavation would remove from the site all or some of the soil exceeding cleanup levels (CULs). With excavation and off-site disposal, contaminated material is removed and transported to permitted, off-site disposal facilities.

In Situ Groundwater Treatment: In situ groundwater treatment remediates the groundwater in place. Chlorinated solvents are reduced by two methods; adsorption or reductive dechlorination. Both methods are enhanced by healthy microorganism populations, which can be naturally found in the subsurface and/or coupled with chemical compounds. The in-situ groundwater treatment introduces the chemical and biological compounds into the contamination plume, often by injection, to reduce the contaminant concentrations. This process is often cost effective and easily implementable, but does not guarantee that concentration levels will be reduced to CULs.

- Remedial actions:
  - Surface soil impacts near GP-51 on the Property: Excavate impacted soil to a depth of approximately 5 feet below ground surface (bgs) (100 cubic yards), characterize, and dispose of at Subtitle C landfill. Backfill with clean, imported fill to existing ground surface and compact.
  - Use in situ groundwater treatment near MW-01 and MW-03, using injection points, a reducing agent, and enhanced bioremediation of PCE in groundwater. For the purposes of the cost estimate, 23,200 SF area will be treated to a depth of 20 feet bgs with 178,300 lbs. of bioremediation amendment.
- Compliance monitoring:
  - Groundwater monitoring will be conducted at and downgradient of the source area to confirm the impact of the remedial action and stability of the plume. For the purposes of the cost estimate, monitoring will be conducted in 5 of the wells semi-annually for 10 years post-injections.

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TABLES

Table 1
Water Level Elevations in Monitoring Wells
Former Park Laundry
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW01	06/24/2011	5.89	85.20	79.31
	03/17/2012	3.11	85.20	82.09
	06/18/2012	5.88	85.20	79.32
	10/03/2012	7.18	85.20	78.02
	11/12/2012	4.71	85.20	80.49
	12/18/2012	2.79	85.20	82.41
	04/04/2013	4.83	85.20	80.37
	06/03/2013	4.93	85.20	80.27
	07/30/2013	6.12	85.20	79.08
	09/24/2013	5.85	85.20	79.35
	12/20/2013	5.19	85.20	80.01
	03/24/2014	4.24	85.20	80.96
	06/23/2014	5.1	85.20	80.10
	09/09/2014	6.57	85.20	78.63
	12/03/2014	4.49	85.20	80.71
	03/03/2015	4.42	85.20	80.78
MW02	06/24/2011	5.75	84.78	79.03
	03/17/2012	1.6	84.78	83.18
	06/18/2012	5.28	84.78	79.50
	10/03/2012	7.93	84.78	76.85
	11/12/2012	5.02	84.78	79.76
	12/18/2012	1.55	84.78	83.23
	04/04/2013	5.1	84.78	79.68
	06/03/2013	4.78	84.78	80.00
	07/30/2013	7.11	84.78	77.67
	09/24/2013	5.85	84.78	78.93
	12/20/2013	5.96	84.78	78.82
	03/24/2014	4.18	84.78	80.60
	06/23/2014	5.79	84.78	78.99
	09/09/2014	7.42	84.78	77.36
	12/03/2014	4.86	84.78	79.92
	03/03/2015	4.71	84.78	80.07

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Former Park Laundry
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW03	06/24/2011	6.25	84.70	78.45
	03/17/2012	1.4	84.70	83.30
	06/18/2012	5.89	84.70	78.81
	10/03/2012	8.45	84.70	76.25
	11/12/2012	6.55	84.70	78.15
	12/18/2012	2.45	84.70	82.25
	04/04/2013	9.2	84.70	75.50
	06/03/2013	5.69	84.70	79.01
	07/30/2013	7.45	84.70	77.25
	09/24/2013	7.39	84.70	77.31
	12/20/2013	6.82	84.70	77.88
	03/24/2014	4.89	84.70	79.81
	06/23/2014	6.69	84.70	78.01
	09/09/2014	8.26	84.70	76.44
	12/03/2014	5.95	84.70	78.75
	03/03/2015	3.96	84.70	80.74
MW04	06/24/2011	5.98	83.05	77.07
	03/17/2012	3.18	83.05	79.87
	06/18/2012	5.62	83.05	77.43
	10/03/2012	7.96	83.05	75.09
	11/12/2012	6.09	83.05	76.96
	12/18/2012	2.93	83.05	80.12
	04/04/2013	5.6	83.05	77.45
	06/04/2013	5.91	83.05	77.14
	07/30/2013	7.22	83.05	75.83
	09/24/2013	6.67	83.05	76.38
	12/20/2013	6.69	83.05	76.36
	03/24/2014	4.89	83.05	78.16
	06/23/2014	6.29	83.05	76.76
	09/09/2014	7.65	83.05	75.40
	12/03/2014	5.74	83.05	77.31
	03/03/2015	5.4	83.05	77.65

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Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW05	06/24/2011	7.46	83.46	76.00
	03/17/2012	6.19	83.46	77.27
	06/18/2012	7.20	83.46	76.26
	10/03/2012	9.56	83.46	73.90
	11/12/2012	8.40	83.46	75.06
	12/18/2012	5.92	83.46	77.54
	04/04/2013	7.46	83.46	76.00
	06/03/2013	7.65	83.46	75.81
	07/30/2013	8.88	83.46	74.58
	09/24/2013	8.57	83.46	74.89
	12/20/2013	8.68	83.46	74.78
	03/24/2014	6.85	83.46	76.61
	06/23/2014	8.09	83.46	75.37
	09/09/2014	9.51	83.46	73.95
	12/03/2014	8.19	83.46	75.27
	03/03/2015	7.27	83.46	76.19
MW06	06/24/2011	7.96	85.11	77.15
	03/17/2012	7.45	85.11	77.66
	06/18/2012	7.61	85.11	77.50
	10/03/2012	9.78	85.11	75.33
	11/12/2012	9.21	85.11	75.90
	12/18/2012	7.29	85.11	77.82
	04/04/2013	8.58	85.11	76.53
	06/03/2013	9.5	85.11	75.61
	07/30/2013	8.9	85.11	76.21
	09/24/2013	9.21	85.11	75.90
	12/20/2013	9.49	85.11	75.62
	03/24/2014	7.6	85.11	77.51
	06/23/2014	8.64	85.11	76.47
	09/09/2014	9.98	85.11	75.13
	12/03/2014	9.07	85.11	76.04
	03/03/2015	8.15	85.11	76.96

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Former Park Laundry
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW07	06/24/2011	9.01	82.01	73.00
	03/16/2012	8.85	82.01	73.16
	06/18/2012	8.89	82.01	73.12
	10/03/2012	11.11	82.01	70.90
	11/12/2012	11.4	82.01	70.61
	12/18/2012	9.88	82.01	72.13
	04/04/2013	9.75	82.01	72.26
	06/04/2013	9.88	82.01	72.13
	07/30/2013	10.67	82.01	71.34
	09/24/2013	11.66	82.01	70.35
	12/20/2013	11.75	82.01	70.26
	03/24/2014	9.91	82.01	72.10
	06/23/2014	10	82.01	72.01
	09/09/2014	11.43	82.01	70.58
	12/03/2014	11.94	82.01	70.07
	03/03/2015	9.75	82.01	72.26
MW08	03/16/2012	7.21	19.46	12.25
	06/18/2012	6.58	19.46	12.88
	10/03/2012	10.15	19.46	9.31
	11/12/2012	9.83	19.46	9.63
	12/18/2012	7.39	19.46	12.07
	04/04/2013	9	19.46	10.46
	06/02/2013	8.33	19.46	11.13
	07/30/2013	9.9	19.46	9.56
	09/24/2013	10.67	19.46	8.79
	12/20/2013	10.35	19.46	9.11
	03/24/2014	7.95	19.46	11.51
	06/23/2014	8.39	19.46	11.07
	09/09/2014	10.68	19.46	8.78
	12/03/2014	17.09	19.46	2.37
	03/03/2015	16.01	19.46	3.45

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Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW09	03/14/2012	2.87	76.69	73.82
	06/18/2012	5.43	76.69	71.26
	10/03/2012	7.54	76.69	69.15
	11/12/2012	5.59	76.69	71.10
	12/18/2012	2.56	76.69	74.13
	04/04/2013	5.1	76.69	71.59
	06/03/2013	5	76.69	71.69
	07/30/2013	6.87	76.69	69.82
	09/24/2013	6.75	76.69	69.94
	12/20/2013	6.51	76.69	70.18
	03/24/2014	4.53	76.69	72.16
	06/23/2014	6.07	76.69	70.62
	09/09/2014	7.4	76.69	69.29
	12/03/2014	4.71	76.69	71.98
	03/03/2015	4.94	76.69	71.75
MW10	03/13/2012	10.71	81.06	70.35
	06/18/2012	9.93	81.06	71.13
	10/03/2012	11.86	81.06	69.20
	11/12/2012	12.25	81.06	68.81
	12/18/2012	11.06	81.06	70.00
	04/04/2013	10.52	81.06	70.54
	06/04/2013	10.95	81.06	70.11
	07/30/2013	11.55	81.06	69.51
	09/24/2013	12.41	81.06	68.65
	12/20/2013	12.73	81.06	68.33
	03/24/2014	10.91	81.06	70.15
	06/23/2014	10.96	81.06	70.10
	09/09/2014	12.2	81.06	68.86
	12/03/2014	12.83	81.06	68.23
	03/03/2015	10.8	81.06	70.26

Table 1
Water Level Elevations in Monitoring Wells
Former Park Laundry
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW11	03/13/2012	9.75	78.00	68.25
	06/18/2012	9.78	78.00	68.22
	10/03/2012	10.91	78.00	67.09
	11/12/2012	10.92	78.00	67.08
	12/20/2012	9.5	78.00	68.50
	04/04/2013	10.68	78.00	67.32
	06/04/2013	11.9	78.00	66.10
	07/30/2013	11.4	78.00	66.60
	09/24/2013	11.12	78.00	66.88
	12/20/2013	11.4	78.00	66.60
	03/24/2014	9.68	78.00	68.32
	06/23/2014	10.13	78.00	67.87
	09/09/2014	10.84	78.00	67.16
	12/03/2014	10.91	78.00	67.09
	03/03/2015	9.83	78.00	68.17
MW13	03/14/2012	6.00	74.02	68.02
	06/18/2012	6.93	74.02	67.09
	10/03/2012	8.91	74.02	65.11
	11/12/2012	8.16	74.02	65.86
	12/18/2012	5.42	74.02	68.60
	04/04/2013	7.07	74.02	66.95
	06/04/2013	8.47	74.02	65.55
	07/30/2013	8.72	74.02	65.30
	09/24/2013	8.82	74.02	65.20
	12/20/2013	8.18	74.02	65.84
	03/24/2014	6.58	74.02	67.44
	06/23/2014	7.53	74.02	66.49
	09/09/2014	8.89	74.02	65.13
	12/03/2014	7.97	74.02	66.05
	03/03/2015	6.94	74.02	67.08

Table 1
Water Level Elevations in Monitoring Wells
Former Park Laundry
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW14	03/12/2012	10.74	78.13	67.39
	06/18/2012	8.50	78.13	69.63
	10/03/2012	13.21	78.13	64.92
	11/12/2012	13.92	78.13	64.21
	12/18/2012	11.08	78.13	67.05
	04/04/2013	11.65	78.13	66.48
	06/04/2013	12.11	78.13	66.02
	07/30/2013	12.57	78.13	65.56
	09/24/2013	11.17	78.13	66.96
	12/20/2013	11.84	78.13	66.29
	03/24/2014	10.89	78.13	67.24
	06/23/2014	11.87	78.13	66.26
	09/09/2014	12.94	78.13	65.19
	12/03/2014	10.81	78.13	67.32
	03/03/2015	11.4	78.13	66.73
MW15	03/15/2012	38.95	51.45	12.50
	06/18/2012	37.70	51.45	13.75
	10/03/2012	40.80	51.45	10.65
	11/12/2012	40.96	51.45	10.49
	12/18/2012	39.13	51.45	12.32
	04/04/2013	39.95	51.45	11.50
	06/04/2013	39.52	51.45	11.93
	07/30/2013	40.62	51.45	10.83
	09/24/2013	41.74	51.45	9.71
	12/20/2013	41.52	51.45	9.93
	03/24/2014	39.17	51.45	12.28
	06/23/2014	39.48	51.45	11.97
	09/09/2014	41.39	51.45	10.06
	12/03/2014	41.19	51.45	10.26
	03/03/2015	39.38	51.45	12.07

Table 1
Water Level Elevations in Monitoring Wells
Former Park Laundry
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW16	03/15/2012	37.42	50.02	12.60
	06/18/2012	36.14	50.02	13.88
	10/03/2012	39.39	50.02	10.63
	11/12/2012	39.55	50.02	10.47
	12/18/2012	37.59	50.02	12.43
	04/04/2013	38.53	50.02	11.49
	06/04/2013	38.02	50.02	12.00
	07/01/2013	39.21	50.02	10.81
	09/24/2013	40.32	50.02	9.70
	12/20/2013	40.05	50.02	9.97
	03/24/2014	37.72	50.02	12.30
	06/23/2014	38.05	50.02	11.97
	09/09/2014	39.98	50.02	10.04
	12/03/2014	39.74	50.02	10.28
	03/03/2015	37.93	50.02	12.09
MW17	04/04/2013	11.08	79.88	68.80
	06/04/2013	11.69	79.88	68.19
	07/30/2013	12.02	79.88	67.86
	09/24/2013	12.84	79.88	67.04
	12/20/2013	13.1	79.88	66.78
	03/24/2014	11.76	79.88	68.12
	06/23/2014	11.55	79.88	68.33
	09/09/2014	12.69	79.88	67.19
	12/03/2014	13.35	79.88	66.53
	03/03/2015	11.49	79.88	68.39
MW18	04/04/2013	36.35	80.57	44.22
	06/03/2013	36.54	80.57	44.03
	07/30/2013	36.79	80.57	43.78
	09/24/2013	37.1	80.57	43.47
	12/20/2013	37.65	80.57	42.92
	03/24/2014	37.82	80.57	42.75
	06/23/2014	35.74	80.57	44.83
	09/09/2014	36.47	80.57	44.10
	12/03/2014	37.43	80.57	43.14
	03/03/2015	37.21	80.57	43.36

Table 1
Water Level Elevations in Monitoring Wells
Former Park Laundry
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW19	04/04/2013	36.35	48.09	11.74
	06/04/2013	36.05	48.09	12.04
	07/30/2013	37.03	48.09	11.06
	09/24/2013	38.08	48.09	10.01
	12/20/2013	37.94	48.09	10.15
	03/24/2014	35.57	48.09	12.52
	06/23/2014	35.85	48.09	12.24
	09/09/2014	37.82	48.09	10.27
	12/03/2014	37.56	48.09	10.53
	03/03/2015	35.76	48.09	12.33
MW20	04/04/2013	5.32	74.99	69.67
	06/03/2013	5.36	74.99	69.63
	07/30/2013	5.8	74.99	69.19
	09/24/2013	5.45	74.99	69.54
	12/20/2013	6.22	74.99	68.77
	03/24/2014	5.16	74.99	69.83
	06/23/2014	5.86	74.99	69.13
	09/09/2014	5.93	74.99	69.06
	12/03/2014	5.3	74.99	69.69
	03/03/2015	5.23	74.99	69.76
MW21	04/04/2013	4.44	84.25	79.81
	06/03/2013	4.89	84.25	79.36
	07/30/2013	6.07	84.25	78.18
	09/24/2013	5.34	84.25	78.91
	12/20/2013	5.15	84.25	79.10
	03/24/2014	3.55	84.25	80.70
	06/23/2014	4.94	84.25	79.31
	09/09/2014	6.65	84.25	77.60
	12/03/2014	4.18	84.25	80.07
	03/03/2015	5.54	84.25	78.71

NOTES:
bgs = below ground surface.
MSL = mean sea level.
TOC = top of casing.

Table 2
PCE and Breakdown Products in Soil (µg/kg)
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	50	NV	30	NV
MTCA Method B				4,000,000	800,000	1,900	1,600,000	11,000	670
B5	B5-S-0.5	03/03/2010	0.5	7.72 U	7.72 U	23.8	7.72 U	7.72 U	7.72 U
	B5-S-5.0	03/03/2010	5	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U
	B5-S-12.5	03/03/2010	12.5	6.99 U	6.99 U	**7,490**	6.99 U	6.99 U	6.99 U
	B5-S-14.0	03/03/2010	14	6.45 U	6.45 U	1,880	6.45 U	6.45 U	6.45 U
	B5-S-39.0	03/15/2010	39	9.13 U	9.13 U	9.13 U	9.13 U	9.13 U	9.13 U
B6	B6-S-0.5	03/05/2010	0.5	9.64 U	9.64 U	23.7	9.64 U	9.64 U	9.64 U
	B6-S-5.0	03/05/2010	5	11.5 U	11.5 U	11.5 U	11.5 U	11.5 U	11.5 U
	B6-S-12.0	03/05/2010	12	11.4 U	11.4 U	11.4 U	11.4 U	11.4 U	11.4 U
B7	B7-S-14.0	03/03/2010	14	9.72 U	9.72 U	9.72 U	9.72 U	9.72 U	9.72 U
	B7-S-15.5	03/03/2010	15.5	8.42 U	8.42 U	351	8.42 U	8.42 U	8.42 U
B8	B8-S-0.5	03/08/2010	0.5	9.63 U	9.63 U	9.63 U	9.63 U	9.63 U	9.63 U
	B8-S-5.0	03/08/2010	5	9.67 U	9.67 U	15.3	9.67 U	9.67 U	9.67 U
	B8-S-14.5	03/08/2010	14.5	48.9 U	48.9 U	**31,400**	48.9 U	48.9 U	48.9 U
	B8-S-16.5	03/08/2010	16.5	8.81 U	8.81 U	**4,370 HT**	8.81 U	8.81 U	8.81 U
	B8-S-40.0	03/17/2010	40	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U
B9	B9-S-19.0	03/09/2010	19	11.6 U	11.6 U	271	11.6 U	21.0	11.6 U
	B9-S-21.5	03/09/2010	21.5	9 U	9 U	507	9 U	**332**	9 U
	B9-S-42.0	03/19/2010	42	9.33 U	9.33 U	9.33 U	9.33 U	9.33 U	9.33 U
	B9-S-75.0	03/22/2010	75	8.77 U	8.77 U	8.77 U	8.77 U	8.77 U	8.77 U
	B9-S-89.0	03/22/2010	89	8.94 U	8.94 U	8.94 U	8.94 U	8.94 U	8.94 U
B10	B10-S-33.0	03/23/2010	33	8.19 U	8.19 U	8.19 U	8.19 U	8.19 U	8.19 U
	B10-S-57.0	03/24/2010	57	9.41 U	9.41 U	9.41 U	9.41 U	9.41 U	9.41 U
B11	B11-S-88.0	03/26/2010	88	7.78 U	7.78 U	7.78 U	7.78 U	7.78 U	7.78 U
GP24	GP24-S-11.0	03/09/2010	11	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U

Table 2
PCE and Breakdown Products in Soil (µg/kg)
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	50	NV	30	NV
MTCA Method B				4,000,000	800,000	1,900	1,600,000	11,000	670
GP25	GP25-S-11.5	03/04/2010	11.5	10.9 U	10.9 U	10.9 U	10.9 U	10.9 U	10.9 U
GP26	GP26-S-11.0	03/04/2010	11	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U
GP27	GP27-S-12.5	03/04/2010	12.5	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U
GP28	GP28-S-14.0	03/04/2010	14	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U
GP29	GP29-S-12.0	03/08/2010	12	10.9 U	10.9 U	10.9 U	10.9 U	10.9 U	10.9 U
GP30	GP30-S-0.5	03/04/2010	0.5	8.8 U	8.8 U	37.5	8.8 U	8.8 U	8.8 U
	GP30-S-5.0	03/04/2010	5	9.77 U	9.77 U	9.77 U	9.77 U	9.77 U	9.77 U
	GP30-S-12.0	03/04/2010	12	9.55 U	9.55 U	9.55 U	9.55 U	9.55 U	9.55 U
GP32	GP32-S-0.5	03/05/2010	0.5	9.69 U	9.69 U	11.3	9.69 U	9.69 U	9.69 U
	GP32-S-5.0	03/05/2010	5	9.57 U	9.57 U	9.57 U	9.57 U	9.57 U	9.57 U
	GP32-S-12.0	03/05/2010	12	12.1 U	12.1 U	12.1 U	12.1 U	12.1 U	12.1 U
GP33	GP33-S-0.5	03/05/2010	0.5	12.2 U	12.2 U	12.2 U	12.2 U	12.2 U	12.2 U
	GP33-S-5.0	03/05/2010	5	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U
	GP33-S-12.0	03/05/2010	12	11.4 U	11.4 U	11.4 U	11.4 U	11.4 U	11.4 U
GP35	GP35-S-14.0	03/04/2010	14	7.98 U	7.98 U	7.98 U	7.98 U	7.98 U	7.98 U
GP36	GP36-S-12.5	03/08/2010	12.5	11 U	11 U	11 U	11 U	11 U	11 U
GP37	GP37-S-0.5	03/05/2010	0.5	10.1 U	10.1 U	10.1 U	10.1 U	10.1 U	10.1 U
	GP37-S-5.0	03/05/2010	5	9.82 U	9.82 U	9.82 U	9.82 U	9.82 U	9.82 U
	GP37-S-12.5	03/05/2010	12.5	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
GP38	GP38-S-0.5	03/05/2010	0.5	13.6 U	13.6 U	62.5	13.6 U	13.6 U	13.6 U
	GP38-S-12.0	03/05/2010	12	11.8 U	11.8 U	11.8 U	11.8 U	11.8 U	11.8 U
GP39	GP39-S-0.5	03/05/2010	0.5	8.66 U	8.66 U	9.74	8.66 U	8.66 U	8.66 U
	GP39-S-5.0	03/05/2010	5	9.81 U	9.81 U	9.81 U	9.81 U	9.81 U	9.81 U
	GP39-S-12.0	03/05/2010	12	9.35 U	9.35 U	9.35 U	9.35 U	9.35 U	9.35 U

Table 2
PCE and Breakdown Products in Soil (µg/kg)
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	50	NV	30	NV
MTCA Method B				4,000,000	800,000	1,900	1,600,000	11,000	670
GP40	GP40-S-0.5	03/01/2010	0.5	7.77 U	7.77 U	13.3	7.77 U	7.77 U	7.77 U
	GP40-S-5.0	03/01/2010	5	7.74 U	7.74 U	7.74 U	7.74 U	7.74 U	7.74 U
	GP40-S-11.5	03/01/2010	11.5	7.41 U	7.41 U	7.41 U	7.41 U	7.41 U	7.41 U
GP41	GP41-S-0.5	03/01/2010	0.5	7.03 U	7.03 U	7.94	7.03 U	7.03 U	7.03 U
	GP41-S-5.0	03/01/2010	5	8.25 U	8.25 U	8.25 U	8.25 U	8.25 U	8.25 U
	GP41-S-12.5	03/01/2010	12.5	6.97 U	6.97 U	6.97 U	6.97 U	6.97 U	6.97 U
GP42	GP42-S-0.5	03/01/2010	0.5	6.67 U	6.67 U	16.1	6.67 U	6.67 U	6.67 U
	GP42-S-5.0	03/01/2010	5	6.96 U	6.96 U	26.2	6.96 U	6.96 U	6.96 U
	GP42-S-12.5	03/01/2010	12.5	7.95 U	7.95 U	10.7	7.95 U	7.95 U	7.95 U
GP43	GP43-S-0.5	03/02/2010	0.5	11.6 U	11.6 U	11.6 U	11.6 U	11.6 U	11.6 U
	GP43-S-5.0	03/02/2010	5	13.4 U	13.4 U	58.1	13.4 U	13.4 U	13.4 U
	GP43-S-12.5	03/02/2010	12.5	10.6 U	10.6 U	115	10.6 U	10.6 U	10.6 U
GP44	GP44-S-0.5	03/01/2010	0.5	6.89 U	6.89 U	54.0	6.89 U	6.89 U	6.89 U
	GP44-S-5.0	03/01/2010	5	8.11 U	8.11 U	8.11 U	8.11 U	8.11 U	8.11 U
	GP44-S-13.0	03/01/2010	13	7.86 U	7.86 U	7.86 U	7.86 U	7.86 U	7.86 U
GP45	GP45-S-0.5	03/01/2010	0.5	8.22 U	8.22 U	109	8.22 U	8.22 U	8.22 U
	GP45-S-5.0	03/01/2010	5	6.91 U	6.91 U	8.58	6.91 U	6.91 U	6.91 U
	GP45-S-12.5	03/01/2010	12.5	7.65 U	7.65 U	12.9	7.65 U	7.65 U	7.65 U
GP46	GP46-S-0.5	03/01/2010	0.5	6.8 U	6.8 U	98.7	6.8 U	6.8 U	6.8 U
	GP46-S-5.0	03/01/2010	5	6.61 U	6.61 U	6.61 U	6.61 U	6.61 U	6.61 U
	GP46-S-12.0	03/01/2010	12	7.96 U	7.96 U	74.3	7.96 U	7.96 U	7.96 U
GP47	GP47-S-0.5	03/02/2010	0.5	18.6 U	18.6 U	19.8	18.6 U	18.6 U	18.6 U
	GP47-S-5.0	03/02/2010	5	12.5 U	12.5 U	31.1	12.5 U	12.5 U	12.5 U
	GP47-S-12.0	03/02/2010	12	12 U	12 U	**6,820**	12 U	12 U	12 U

Table 2
PCE and Breakdown Products in Soil (µg/kg)
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	50	NV	30	NV
MTCA Method B				4,000,000	800,000	1,900	1,600,000	11,000	670
GP48	GP48-S-0.5	03/03/2010	0.5	7.93 U	7.93 U	24.3	7.93 U	7.93 U	7.93 U
	GP48-S-5.0	03/03/2010	5	7.17 U	7.17 U	7.17 U	7.17 U	7.17 U	7.17 U
	GP48-S-12.5	03/03/2010	12.5	7.71 U	7.71 U	349	7.71 U	7.71 U	7.71 U
GP49	GP49-S-12.5	03/03/2010	12.5	8.06 U	8.06 U	8.06 U	8.06 U	8.06 U	8.06 U
GP50	GP50-S-0.5	03/01/2010	0.5	8.69 U	8.69 U	49.3	8.69 U	8.69 U	8.69 U
	GP50-S-5.0	03/01/2010	5	6.62 U	6.62 U	6.62 U	6.62 U	6.62 U	6.62 U
	GP50-S-12.5	03/01/2010	12.5	7.69 U	7.69 U	7.69 U	7.69 U	7.69 U	7.69 U
GP51	GP51-S-0.5	03/02/2010	0.5	9.14 U	9.14 U	147	9.14 U	9.14 U	9.14 U
	GP51-S-5.0	03/02/2010	5	6.26 U	6.26 U	23.4	6.26 U	6.26 U	6.26 U
	GP51-S-12.5	03/02/2010	12.5	8.18 U	8.18 U	117	8.18 U	8.18 U	8.18 U
GP52	GP52-S-0.5	03/03/2010	0.5	7.44 U	7.44 U	33.7	7.44 U	7.44 U	7.44 U
	GP52-S-5.0	03/03/2010	5	7.33 U	7.33 U	11.9	7.33 U	7.33 U	7.33 U
	GP52-S-12.5	03/03/2010	12.5	7.82 U	7.82 U	**316,000**	7.82 U	7.82 U	7.82 U
GP53	GP53-S-12.5	03/02/2010	12.5	7.88 U	7.88 U	7.88 U	7.88 U	7.88 U	7.88 U
GP54	GP54-S-0.5	03/02/2010	0.5	12.4 UH	12.4 UH	26.0 H	12.4 UH	12.4 UH	12.4 UH
	GP54-S-5.0	03/02/2010	5	13 UH	13 UH	13 U	13 UH	13 UH	13 UH
	GP54-S-12.5	03/02/2010	12.5	8.8 U	8.8 U	37.7	8.8 U	8.8 U	8.8 U
GP55	GP55-S-0.5	03/03/2010	0.5	6.94 U	6.94 U	6.94 U	6.94 U	6.94 U	6.94 U
	GP55-S-5.0	03/03/2010	5	7.61 U	7.61 U	7.61 U	7.61 U	7.61 U	7.61 U
	GP55-S-12.5	03/03/2010	12.5	9.81 U	9.81 U	862	9.81 U	9.81 U	9.81 U
GP56	GP56-S-0.5	03/03/2010	0.5	12.5 UH	12.5 UH	12.5 UH	12.5 UH	12.5 UH	12.5 UH
	GP56-S-5.0	03/03/2010	5	13.1 UH	13.1 UH	13.1 UH	13.1 UH	13.1 UH	13.1 UH
	GP56-S-13.5	03/03/2010	13.5	7.8 U	7.8 U	49.1	7.8 U	7.8 U	7.8 U
GP57	GP57-S-14.0	03/03/2010	14	6.75 U	6.75 U	17.9	6.75 U	6.75 U	6.75 U

Table 2
PCE and Breakdown Products in Soil (µg/kg)
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	50	NV	30	NV
MTCA Method B				4,000,000	800,000	1,900	1,600,000	11,000	670
GP58	GP58-S-15.0	03/08/2010	15	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U
GP59	GP59-S-15.0	03/08/2010	15	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U
GP60	GP60-S-14.5	03/08/2010	14.5	52.1 U	7.08 Q	53.8	52.1 U	52.1 U	52.1 U
GP61	GP61-S-14.5	03/09/2010	14.5	10 U	10 U	10 U	10 U	10 U	10 U

NOTES:
bgs = below ground surface.
Bold = value exceeds MTCA Method B screening levels.
H = sample was analyzed outside recommended hold time.
MTCA = Model Toxics Control Act.
µg/kg = milligrams per kilogram.
NV = no value.
PCE = tetrachloroethene.
Q = detedtion levels elevated due to sample matrix.
Shading = value exceeds MTCA Method A screening levels.
U = not detected at or above method reporting limits.

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Temperature °C	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential*	Turbidity
MW01	MW1-12.5	06/24/2011	12.50	12.50	6.28	208	--	--	11.23
	MW01-031712	03/17/2012	12.95	10.51	6.12	205	1.48	157.0	9.49
	MW01-061812	06/18/2012	12.95	14.25	6.03	187	1.73	149.3	1.57
	MW01-100312	10/03/2012	12.95	18.04	5.99	179	0.76	140.5	3.76
	MW01-121812	12/18/2012	12.95	12.10	6.48	170	0.70	86.0	1.62
	MW01-040413	04/04/2013	12.95	12.28	6.23	175	0.60	148.8	2.81
	MW01-060313	06/03/2013	12.95	14.08	5.92	165	0.58	113.3	0.96
	MW01-092713	09/27/2013	12.95	16.39	5.93	119	1.39	288.0	1.82
	MW01-122313	12/23/2013	12.95	13.13	6.02	146	1.44	207.1	1.47
	MW01-032414	03/24/2014	12.95	12.12	5.8	158	1.45	201.6	1.72
	MW02-090914	09/09/2014	12.95	18.96	5.92	167.3	1.92	102.7	7.57
	MW01-120414	12/04/2014	11.00	15.25	6.54	148	1.93	126.0	5.36
	MW01-030415	03/04/2015	12.95	11.85	6.18	152	1.45	57.8	3.70
MW02	MW2-14.0	06/24/2011	14.00	12.10	6.68	155	--	--	8.25
	MW02-031712	03/17/2012	14.50	9.95	6.7	92	9.90	102.7	1.42
	MW02-061812	06/18/2012	14.57	12.67	6.27	82	5.79	119.6	5.67
	MW02-100512	10/05/2012	14.57	15.35	6.26	140	2.40	133.6	19.03
	MW02-122012	12/20/2012	14.57	11.82	6.68	68	5.66	122.3	3.43
	MW02-040413	04/04/2013	14.57	11.23	6.46	63	5.35	143.5	9.82
	MW02-060313	06/03/2013	14.57	13.66	6.46	67	1.73	7.4	3.77
	MW02-092713	09/27/2013	14.57	15.51	6.24	85	1.83	0.7	7.69
	MW02-122313	12/23/2013	14.57	13.24	6.14	99	2.30	260.5	7.03
	MW02-032414	03/24/2014	14.57	12.19	6.14	122	3.79	-149.4	2.39
	MW02-090914	09/09/2014	14.57	17.19	6.17	165	2.67	48.5	6.51
	MW02-120514	12/05/2014	14.57	14.74	6.75	113.7	6.73	104.6	6.02
	MW02-030415	03/04/2015	14.57	11.83	6.25	78	6.12	72.1	13.44
MW03	MW3-15.0	06/24/2011	15.00	10.50	6.31	216	--	--	7.22
	MW03-031712	03/17/2012	15.00	10.68	6.74	215	4.66	109.6	0.72
	MW03-061912	06/19/2012	15.26	11.85	6.18	206	0.64	141.0	0.66
	MW03-100512	10/05/2012	15.26	13.33	6.11	203	0.05	143.0	1.26
	MW03-122012	12/20/2012	15.26	11.83	6.74	212	0.86	112.7	0.37
	MW03-040413	04/04/2013	15.26	11.92	6.67	206	1.32	124.4	0.41
	MW03-060313	06/03/2013	15.26	12.79	6.32	192	0.66	1.6	0.74
	MW03-092713	09/27/2013	15.26	13.16	5.98	155	1.32	310.1	0.83
	MW03-122313	12/23/2013	15.26	12.73	5.91	231	1.10	103.4	0.56
	MW03-032414	03/24/2014	15.26	12.10	5.87	230	1.27	103.9	0.67
	MW03-062314	06/23/2014	15.26	12.75	6.11	223	1.28	60.9	0.30
	MW03-090914	09/09/2014	15.26	13.67	6.13	237	1.64	68.8	0.26
	MW03-120414	12/04/2014	13.00	12.93	5.81	223	1.51	115.7	0.59
	MW03-030415	03/04/2015	15.26	11.90	6	210	2.34	98.3	1.98

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Temperature °C	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential*	Turbidity
MW04	MW4-16.0	06/24/2011	16.00	11.10	6.80	198	--	--	9.50
	MW04-031712	03/17/2012	16.11	11.63	6.55	258	2.77	133.7	-1.12
	MW04-062112	06/21/2012	16.11	12.88	6.39	204	1.38	101.6	0.80
	MW04-100512	10/05/2012	16.11	16.29	6.31	218	1.51	96.9	1.32
	MW04-122112	12/21/2012	16.11	13.07	7.08	224	2.14	87.9	0.29
	MW04-040513	04/05/2013	16.11	12.27	7.07	214	2.56	102.3	1.78
	MW04-060413	06/04/2013	16.11	13.39	6.39	187	2.22	183.6	0.96
	MW04-092713	09/27/2013	16.11	15.16	6.39	168	3.87	345.2	0.75
	MW04-122413	12/24/2013	16.11	12.90	6.41	188	2.55	189.5	0.88
	MW04-032414	03/24/2014	16.11	13.05	6.39	214	3.41	-201.7	2.19
	MW04-091114	09/11/2014	16.11	16.09	6.26	223	3.66	72.2	0.34
	MW04-120814	12/08/2014	14.00	14.52	6.85	156.7	4.38	215.6	0.88
	MW04-030515	03/05/2015	16.11	12.53	6.64	208	2.87	65.6	0.99
MW05	MW5-16.5	06/24/2011	16.50	12.80	6.54	214	--	--	10.03
	MW05-031712	03/17/2012	17.13	12.80	6.72	214	4.45	84.0	0.95
	MW05-062112	06/21/2012	17.13	14.35	6.05	205	1.06	121.9	0.24
	MW05-100412	10/04/2012	17.13	15.94	6.4	212	0.92	125.4	6.50
	MW05-122112	12/21/2012	17.13	14.70	6.89	210	1.22	89.4	1.68
	MW05-040513	04/05/2013	17.13	13.93	6.8	205	1.26	109.4	1.16
	MW05-060313	06/03/2013	17.13	15.77	6.43	190	0.80	-0.1	1.60
	MW05-092713	09/27/2013	17.13	16.22	6.27	187	0.90	1.8	0.80
	MW05-122413	12/24/2013	17.13	14.78	6.11	209	1.25	76.7	0.95
	MW05-032414	03/24/2014	17.13	14.64	6.07	210	1.42	62.0	1.36
	MW05-062314	06/23/2014	17.13	15.46	6.30	209	1.52	100.2	0.46
	MW05-090914	09/09/2014	17.13	17.83	5.75	212	1.54	49.0	0.92
	MW05-120514	12/05/2014	17.13	16.35	6.81	207	2.00	109.7	1.42
	MW05-030515	03/05/2015	17.13	14.18	6.24	201	1.70	74.6	0.96
MW06	MW6-16.0	06/24/2011	16.00	12.30	6.45	225	--	--	9.40
	MW06-031712	03/17/2012	16.32	11.45	6.41	270	6.67	101.0	12.60
	MW06-062012	06/20/2012	16.32	13.90	6.32	235	1.98	99.1	5.80
	MW06-100412	10/04/2012	16.32	17.44	6.33	240	0.91	145.2	1.49
	MW06-122012	12/20/2012	16.32	11.75	6.82	248	1.18	106.5	0.29
	MW06-040513	04/05/2013	16.32	13.55	6.96	235	2.10	113.7	1.78
	MW06-060313	06/03/2013	16.32	17.97	6.31	214	1.47	115.8	1.76
	MW06-092613	09/26/2013	16.32	17.65	6.34	213	2.50	0.9	2.62
	MW06-122413	12/24/2013	16.32	13.14	6.2	215	2.12	210.7	0.72
	MW06-032514	03/25/2014	16.32	12.67	6.07	244	2.55	88.0	0.65
	MW06-062314	06/23/2014	16.32	16.22	6.36	246	2.98	120.9	0.46
	MW06-091114	09/11/2014	16.32	19.43	6.31	253	6.56	6.56	1.72
	MW06-120514	12/05/2014	14.00	13.82	6.15	236	4.17	110.8	2.58
	MW06-030515	03/05/2015	15.26	14.09	6.38	238	3.45	87.3	2.82

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Temperature °C	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential*	Turbidity
MW07	MW7-15.0	06/24/2011	15.00	12.10	6.16	185	--	--	8.12
	MW07-031612	03/16/2012	15.62	12.09	6.09	182	6.15	108.2	0.87
	MW07-062012	06/20/2012	15.62	13.71	5.85	131	5.07	143.0	4.12
	MW07-100412	10/04/2012	15.62	17.05	5.85	145	4.49	173.1	4.34
	MW07-121912	12/19/2012	15.62	14.12	6.41	157	4.87	107.8	0.64
	MW07-040913	04/09/2013	15.62	12.46	6.51	158	4.74	149.1	1.84
	MW07-060413	06/04/2013	15.62	14.05	5.84	129	3.74	199.6	0.98
	MW07-092513	09/25/2013	15.62	16.21	5.99	92	4.71	308.4	43.70
	MW07-122413	12/24/2013	15.62	13.19	5.76	117	4.70	176.2	4.57
	MW07-032514	03/25/2014	15.62	13.06	5.82	165	4.65	-165.4	1.58
	MW07-062414	06/24/2014	15.62	14.78	5.45	181	5.45	17.0	0.33
	MW07-090914	09/09/2014	15.62	16.99	4.92	198.3	5.08	109.4	1.22
	MW07-120814	12/08/2014	13.50	15.31	6.86	150.9	8.37	83.5	5.06
	MW07-030615	03/06/2015	15.62	14.05	5.97	189	3.69	41.5	1.21
MW08	MW08-031612	03/16/2012	54.98	12.53	6.55	569	1.48	19.1	2.73
	MW08-061812	06/18/2012	54.98	13.18	6.30	454	0.09	-4.1	0.97
	MW08-100512	10/05/2012	54.98	13.35	6.24	465	0.12	23.2	0.80
	MW08-121812	12/18/2012	54.98	12.39	6.88	495	0.07	-23.6	0.97
	MW08-040813	04/08/2013	54.98	12.90	6.78	460	0.24	48.1	0.55
	MW08-060213	06/02/2013	54.98	12.96	6.37	423	0.27	19.0	0.83
	MW08-092413	09/24/2013	54.98	12.88	6.27	422	0.47	-16.8	0.64
	MW08-122013	12/20/2013	54.98	12.43	6.34	425	0.65	15.1	0.18
	MW08-032714	03/27/2014	54.98	12.73	6.57	517	1.27	-380.1	1.10
	MW08-091014	09/10/2014	54.98	12.84	5.83	485	0.52	42.5	0.51
	MW08-120414	12/04/2014	60.00	11.79	6.79	493	0.40	95.8	0.33
	MW08-030415	03/04/2015	62.52	13.15	6.34	473	0.41	32.1	0.52
MW09	MW09-031412	03/14/2012	14.61	10.10	6.34	258	1.90	43.2	51.30
	MW09-062012	06/20/2012	14.61	13.75	6.34	292	0.11	18.1	30.61
	MW09-100312	10/03/2012	14.61	15.12	6.19	259	0.11	-11.8	5.90
	MW09-122112	12/21/2012	14.61	13.80	6.84	278	0.19	-18.0	4.79
	MW09-040813	04/08/2013	14.61	12.14	6.8	272	0.13	19.2	5.88
	MW09-060313	06/03/2013	14.61	13.49	6.43	261	0.03	-2.6	3.62
	MW09-092713	09/27/2013	14.61	14.85	6.36	230	0.31	-4.0	3.29
	MW09-122313	12/23/2013	14.61	13.65	6.1	270	0.40	126.8	3.66
	MW09-032714	03/27/2014	14.61	12.32	6.01	275	0.35	33.8	5.91
	MW09-062514	06/25/2014	15.62	13.33	5.86	287	0.11	-126.0	0.26
	MW09-091114	09/11/2014	14.61	15.80	6.15	267	0.10	-42.6	1.12
	MW09-120814	12/08/2014	12.50	14.72	6.73	259	0.33	48.3	2.38
	MW09-030515	03/05/2015	14.16	13.00	6.19	263	0.13	54.9	0.90

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Temperature °C	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential*	Turbidity
MW10	MW10-031312	03/13/2012	29.53	11.28	6.53	194	1.99	-11.4	3.78
	MW10-062112	06/21/2012	29.53	13.48	6.58	159	0.32	-15.6	3.00
	MW10-100412	10/04/2012	29.53	14.35	6.39	167	0.19	-13.4	1.08
	MW10-121912	12/19/2012	29.53	12.41	7.14	158	0.21	-59.6	0.34
	MW10-040913	04/09/2013	29.53	12.93	7.19	162	1.01	-10.4	0.70
	MW10-060413	06/04/2013	29.53	14.01	6.75	149	0.38	-9.7	1.50
	MW10-092513	09/25/2013	29.53	14.19	6.63	149	0.26	-28.9	1.29
	MW10-122413	12/24/2013	29.53	12.87	6.42	146	1.01	121.5	0.58
	MW10-032514	03/25/2014	29.53	13.25	6.48	159	1.59	-149.8	0.95
	MW10-062414	06/24/2014	29.53	13.81	6.57	170	0.79	-20.7	1.80
	MW10-090914	09/09/2014	29.53	14.21	6.40	175	0.71	-23.2	9.74
	MW10-120814	12/08/2014	27.50	13.48	7.18	181.2	0.65	2.0	2.43
	MW10-030615	03/06/2015	29.53	13.82	6.33	169	0.75	0.9	0.68
MW11	MW11-031312	03/13/2012	19.54	11.06	6.01	261	3.99	101.1	0.18
	MW11-062012	06/20/2012	19.54	13.48	6.21	207	3.19	108.7	1.63
	MW11-100512	10/05/2012	19.54	15.41	6.02	210	2.68	138.7	1.94
	MW11-122012	12/20/2012	19.54	12.80	6.75	210	3.40	118.7	0.40
	MW11-040913	04/09/2013	19.54	12.52	7.06	207	3.25	98.9	0.63
	MW11-060413	06/04/2013	19.54	14.56	6.28	183	3.04	77.0	2.33
	MW11-092413	09/24/2013	19.54	14.08	6.08	156	3.67	276.7	0.53
	MW11-122413	12/24/2013	19.54	13.03	6.04	209	4.14	184.0	14.80
	MW11-032714	03/27/2014	19.54	12.64	5.88	221	4.04	112.8	1.32
	MW11-062414	06/24/2014	19.54	13.27	5.75	222	3.37	0.6	0.17
	MW11-091014	09/10/2014	19.54	14.16	6.04	232	3.41	83.6	5.56
	MW11-120914	12/09/2014	17.50	14.05	6.72	225	5.43	94.0	2.73
	MW11-030615	03/06/2015	19.54	13.56	5.95	222	4.20	96.4	6.31
MW13	MW13-031412	03/14/2012	19.45	12.50	6.44	249	2.96	149.6	10.37
	MW13-062112	06/21/2012	19.45	14.45	6.43	242	1.67	90.2	7.28
	MW13-100712	10/07/2012	19.45	15.92	6.28	250	1.94	142.9	2.35
	MW13-122012	12/20/2012	19.45	14.22	6.93	255	2.11	113.1	0.94
	MW13-040913	04/09/2013	19.45	13.80	7.16	255	2.41	94.3	1.00
	MW13-060413	06/04/2013	19.45	15.57	6.49	241	1.95	13.3	0.64
	MW13-092513	09/25/2013	19.45	15.50	6.35	238	2.30	-12.5	1.22
	MW13-122413	12/24/2013	19.45	13.99	6.16	269	2.84	133.9	1.64
	MW13-032714	03/27/2014	19.45	14.03	6.20	276	2.91	-230.6	1.28
	MW13-062414	06/24/2014	19.45	14.45	6.36	277	2.58	132.7	0.93
	MW13-091014	09/10/2014	19.45	15.98	6.14	288	3.38	64.0	2.24
	MW13-120914	12/09/2014	17.50	15.13	6.82	276	3.39	57.4	1.05
	MW13-030615	03/06/2015	19.45	15.14	6.31	278	2.05	46.8	0.47

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Temperature °C	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential*	Turbidity
MW14	MW14-031212	03/12/2012	21.81	11.86	6.34	160	1.71	114.5	0.28
	MW14-062012	06/20/2012	21.81	14.05	6.15	204	0.99	116.3	6.12
	MW14-100312	10/03/2012	21.81	16.18	6.14	180	0.44	116.6	0.73
	MW14-121912	12/19/2012	21.81	13.37	6.64	165	1.32	71.1	0.21
	MW14-040913	04/09/2013	21.81	13.45	6.89	165	2.12	90.7	0.74
	MW14-060413	06/04/2013	21.81	14.72	6.21	176	1.13	17.8	1.50
	MW14-092713	09/27/2013	21.81	14.73	6.08	133	1.40	287.7	0.85
	MW14-122313	12/23/2013	21.81	14.59	6.1	162	1.21	157.3	1.74
	MW14-032714	03/27/2014	21.81	13.97	6.10	175	1.32	-279.4	0.71
	MW14-062514	06/25/2014	21.81	14.39	5.75	211	0.33	-122.7	3.15
	MW14-091114	09/11/2014	21.81	15.59	5.82	181.5	0.22	74.8	72.40
	MW14-120814	12/08/2014	20.00	15.43	6.58	183.4	0.34	102.9	5.76
	MW14-030515	03/05/2015	21.81	14.63	6.12	202	0.51	70.3	12.06
MW15	MW15-031512	03/15/2012	64.95	14.91	6.45	209	2.09	119.8	7.41
	MW15-061912	06/19/2012	64.95	13.81	6.16	200	5.53	136.4	2.38
	MW15-100712	10/07/2012	64.95	13.41	6.22	205	4.52	138.3	4.85
	MW15-122112	12/21/2012	64.95	13.53	6.57	192	5.30	74.5	2.32
	MW15-041013	04/10/2013	64.95	14.55	7.24	199	4.17	70.5	0.95
	MW15-060413	06/04/2013	64.95	13.75	6.34	177	3.88	69.7	3.16
	MW15-092413	09/24/2013	64.95	14.53	6.02	181	4.86	-14.2	2.87
	MW15-122013	12/20/2013	64.95	13.60	6.37	176	2.85	129.1	0.90
	MW15-032514	03/25/2014	64.95	13.86	6.20	181	4.64	-185.6	0.66
	MW15-062414	06/24/2014	64.95	14.00	5.94	178	5.95	-22.4	0.18
	MW15-091014	09/10/2014	64.95	14.37	5.13	193	7.11	97.4	1.27
	MW15-120314	12/03/2014	64.95	14.17	6.02	180	6.93	136.6	2.10
	MW15-030515	03/05/2015	64.95	14.48	6.14	177	4.32	97.4	1.08
MW16	MW16-031512	03/15/2012	64.53	13.07	6.42	212	3.84	128.2	5.87
	MW16-061912	06/19/2012	64.53	13.30	6.01	210	4.22	138.9	5.37
	MW16-100712	10/07/2012	64.53	15.06	6.31	216	3.93	135.8	50.58
	MW16-122112	12/21/2012	64.53	13.14	6.57	195	5.87	98.6	4.14
	MW16-041013	04/10/2013	64.53	14.70	7.13	188	4.83	79.0	3.72
	MW16-060413	06/04/2013	64.53	13.73	6.17	167	5.24	70.9	2.87
	MW16-092413	09/24/2013	64.53	13.99	5.7	187	5.19	-4.0	4.16
	MW16-122013	12/20/2013	64.53	13.20	6.2	177	4.26	175.2	1.27
	MW16-032514	03/25/2014	64.53	13.44	6.16	197	4.84	-193.2	1.71
	MW16-062414	06/24/2014	64.53	13.72	5.56	192	5.93	6.7	0.40
	MW16-091014	09/10/2014	64.53	14.15	5.68	204	6.57	64.2	1.08
	MW16-120314	12/03/2014	64.53	14.05	5.73	193	6.93	149.7	3.46
	MW16-030515	03/05/2015	63.50	14.07	6.01	193	4.02	95.2	2.09

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Temperature °C	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential*	Turbidity
MW17	MW17-040913	04/09/2013	33.25	13.48	7.46	252	0.03	-78.3	0.79
	MW17-060413	06/04/2013	33.25	13.69	6.57	220	0.13	-61.5	7.55
	MW17-092613	09/26/2013	33.25	13.67	6.61	230	0.21	-28.2	2.10
	MW17-122313	12/23/2013	33.25	13.21	6.39	231	0.12	114.0	0.67
	MW17-032714	03/27/2014	33.25	13.74	6.6	270	0.17	-367.1	0.70
	MW17-091114	09/11/2014	33.25	16.59	6.31	273	0.05	-86.0	0.98
	MW17-120914	12/09/2014	31.00	13.14	7.11	271	0.09	-6.3	1.36
	MW17-030615	03/06/2015	32.00	13.46	6.58	265	0.00	-25.4	0.45
MW18	MW18-041013	04/10/2013	43.16	12.36	7.1	206	6.46	105.9	5.30
	MW18-060313	06/03/2013	43.16	12.99	6.01	182	5.88	149.9	334.90
	MW18-092713	09/27/2013	43.16	12.80	6.36	188	3.58	-0.5	N/A
	MW18-122313	12/23/2013	43.16	11.44	6.6	193	4.18	147.6	33.70
	MW18-032714	03/27/2014	43.16	--	--	--	--	--	--
	MW18-062414	06/24/2014	43.16	--	--	--	--	--	--
	MW18-091014	09/10/2014	43.16	14.06	6.38	235	6.56	47.6	--
	MW18-120414	12/04/2014	41.00	10.42	5.64	214	6.08	161.0	2.87
	MW18-030515	03/05/2015	43.16	--	--	--	--	--	--
MW19	MW19-041013	04/10/2013	63.00	18.15	7.54	242	0.53	-230.1	25.60
	MW19-060413	06/04/2013	63.00	17.79	6.97	226	0.13	-88.8	4.43
	MW19-092413	09/24/2013	63.00	18.61	6.97	276	0.10	-52.4	1.55
	MW19-122013	12/20/2013	63.00	17.75	6.89	284	0.11	18.6	1.34
	MW19-032614	03/26/2014	63.00	18.06	6.94	312	0.21	-83.7	2.78
	MW19-091114	09/11/2014	63.00	18.14	6.61	292	0.14	-109.7	0.31
	MW19-120514	12/05/2014	63.00	17.59	7.27	268	0.22	-27.8	0.97
	MW19-030615	03/06/2015	63.00	17.91	6.78	269	0.05	10.4	0.82
MW20	MW20-040913	04/09/2013	9.67	12.84	6.07	333	0.75	49.6	34.50
	MW20-060313	06/03/2013	9.67	17.28	5.77	288	0.66	40.5	78.04
	MW20-092713	09/27/2013	9.67	19.78	5.79	311	0.45	5.1	271.60
	MW20-122013	12/24/2013	9.67	12.05	5.36	284	3.30	133.0	45.80
	MW20-032714	03/27/2014	9.67	12.59	5.4	277	1.15	119.7	62.33
	MW20-091014	09/10/2014	9.67	20.37	5.57	297	1.01	129.0	617.10
	MW20-120514	12/05/2014	9.67	14.85	5.45	255	3.77	122.3	348.90
	MW20-030615	03/06/2015	9.67	12.99	5.62	272	1.85	112.4	--

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Temperature °C	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential*	Turbidity
MW21	MW21-040813	04/08/2013	13.10	12.26	6.79	195	1.24	80.7	1.55
	MW21-060313	06/03/2013	13.10	13.98	6.26	168	0.59	70.7	1.95
	MW21-092713	09/27/2013	13.10	15.40	6.16	186	0.45	4.9	1.38
	MW21-122313	12/23/2013	13.10	13.15	5.93	223	1.27	125.2	1.29
	MW21-032414	03/24/2014	13.10	12.50	5.94	222	2.70	91.7	2.58
	MW21-062314	06/23/2014	13.10	14.57	5.86	211	0.90	18.1	3.16
	MW21-090914	09/09/2014	13.10	16.36	5.13	216	0.71	97.6	9.28
	MW21-120514	12/05/2014	11.00	14.63	5.88	196	2.31	103.6	6.82
	MW03-030415	03/04/2015	13.10	12.34	6.11	187	0.61	83.8	1.08

NOTES:

*Redox Potential values for 3/27/2014 may be estimated.

-- = not measured.

bgs = below ground surface.

mg/L = milligrams per liter.

µS/cm = microsiemens per centimeter.

N/A = not applicable

redox = reduction/oxidation.

Table 4
PCE and Breakdown Products in Reconnaissance Groundwater (µg/L)
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	5	NV	5	0.2
MTCA Method B				400	80	0.081	160	0.49	0.029
B5	B5-W-12.5	03/03/2010	12.5	1 U	1 U	**6510**	1 U	**4.71**	1 U
B6	B6-W-12.0	03/05/2010	12	1 U	1 U	**1.00**	1 U	1 U	1 U
B7	B7-W-14.0	03/03/2010	14	1 U	1 U	**5.87**	1 U	1 U	1 U
B8	B8-W-14.5	03/08/2010	14.5	1 U	1 U	**2600**	1 U	**2.54**	1 U
B9	B9-W-19.0	03/09/2010	19	1 U	1 U	**60.0**	1 U	**2.87**	1 U
	B9-W-75.0	03/22/2010	75	1 U	1 U	**5.29**	1 U	**1.32**	1 U
	B9-W-75.0-Dup	03/22/2010	75	1 U	1 U	**5.16**	1 U	**1.47**	1 U
	B9-W-89.0	03/22/2010	89	1 U	1 U	**5.46**	1 U	1 U	1 U
B10	B10-W-33.0	03/23/2010	33	1 U	1 U	**3.69**	1 U	**1.36**	1 U
	B10-W-57.0	03/24/2010	57	1 U	1 U	**4.69**	1 U	1 U	1 U
B11	B11-W-88.0	03/26/2010	88	1 U	1 U	**1.81**	1 U	1 U	1 U
GP24	GP24-W-11.0	03/08/2010	11	1 U	1 U	1 U	1 U	1 U	1 U
GP25	GP25-W-11.5	03/04/2010	11.5	1 U	1 U	1 U	1 U	1 U	1 U
GP26	GP26-W-11.0	03/04/2010	11	1 U	1 U	1 U	1 U	1 U	1 U
GP27	GP27-W-12.5	03/04/2010	12.5	1 U	1 U	**1.03**	1 U	1 U	1 U
GP28	GP28-W-14.0	03/04/2010	14	1 U	1 U	**1.17**	1 U	1 U	1 U
	GP28-W-14.0-Dup	03/04/2010	14	1 U	1 U	**1.21**	1 U	1 U	1 U
GP29	GP29-W-12.0	03/08/2010	12	1 U	1 U	1 U	1 U	1 U	1 U
GP32	GP32-W-12.0	03/05/2010	12	1 U	1 U	1 U	1 U	1 U	1 U

Table 4
PCE and Breakdown Products in Reconnaissance Groundwater (µg/L)
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	5	NV	5	0.2
MTCA Method B				400	80	0.081	160	0.49	0.029
GP33	GP33-W-12.0	03/05/2010	12	1 U	1 U	1 U	1 U	1 U	1 U
GP35	GP35-W-14.0	03/04/2010	14	1 U	1 U	**1.66**	1 U	1 U	1 U
GP36	GP36-W-12.5	03/08/2010	12.5	1 U	1 U	1 U	1 U	1 U	1 U
GP38	GP38-W-12.0	03/05/2010	12	1 U	1 U	**3.78**	1 U	1 U	1 U
GP39	GP39-W-12.0	03/05/2010	12	1 U	1 U	**1.97**	1 U	1 U	1 U
GP40	GP40-W-11.5	03/01/2010	11.5	1 U	1 U	1 U	1 U	1 U	1 U
GP41	GP41-W-12.5	03/01/2010	12.5	1 U	1 U	**7.49**	1 U	1 U	1 U
GP42	GP42-W-12.5	03/01/2010	12.5	1 U	1 U	**111**	1 U	1 U	1 U
GP43	GP43-W-12.5	03/02/2010	12.5	1 U	1 U	**3670**	1 U	**7.46**	1 U
GP44	GP44-W-13.0	03/01/2010	13	1 U	1 U	**11.9**	1 U	1 U	1 U
GP45	GP45-W-12.5	03/01/2010	12.5	1 U	1 U	**21.8**	1 U	1 U	1 U
GP46	GP46-W-12.0	03/01/2010	12	1 U	1 U	**1710**	1 U	1.01	1 U
GP47	GP47-W-12.0	03/02/2010	12	1 U	1 U	**5090**	1 U	12.1	1 U
GP48	GP48-W-12.5	03/03/2010	12.5	1 U	1 U	**915**	1 U	1.31	1 U
GP49	GP49-W-12.5	03/03/2010	12.5	1 U	1 U	**24.5**	1 U	1 U	1 U
GP50	GP50-W-12.5	03/01/2010	12.5	1 U	1 U	**6.14**	1 U	1 U	1 U
GP51	GP51-W-12.5	03/02/2010	12.5	1 U	1 U	**660**	1 U	1 U	1 U
GP52	GP52-W-12.5	03/03/2010	12.5	1 U	1 U	**37,700**	1 U	**20.4**	1 U
GP53	GP53-W-12.5	03/02/2010	12.5	1 U	1 U	**3.38**	1 U	1 U	1 U
GP54	GP54-W-12.5	03/02/2010	12.5	1 U	1 U	**148**	1 U	1 U	1 U
GP55	GP55-W-12.5	03/03/2010	12.5	1 U	1 U	**1970**	1 U	1 U	1 U

Table 4
PCE and Breakdown Products in Reconnaissance Groundwater (µg/L)
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	5	NV	5	0.2
MTCA Method B				400	80	0.081	160	0.49	0.029
GP56	GP56-W-13.5	03/03/2010	13.5	1 U	1 U	**37.4**	1 U	1 U	1 U
GP57	GP57-W-14.0	03/03/2010	14	1 U	1 U	**2.44**	1 U	1 U	1 U
GP58	GP58-W-15.0	03/08/2010	15	1 U	1 U	**3.46**	1 U	**1.64**	1 U
GP59	GP59-W-15.0	03/08/2010	15	1 U	1 U	**5.39**	1 U	**1.96**	1 U
GP60	GP60-W-14.5	03/08/2010	14.5	1 U	1 U	**27.8**	1 U	**4.87**	1 U
GP61	GP61-W-14.5	03/09/2010	14.5	1 U	1 U	**18.6**	1 U	1 U	1 U
GP62	GP62-W-15.0	10/19/2010	15	1 U	1 U	**16.0**	1 U	**4.92**	1 U
GP63	GP63-W-21.0	10/19/2010	21	1 U	1 U	**4.25**	1 U	1 U	1 U
GP64	GP64-W-15.0	10/18/2010	15	1 U	1 U	1 U	1 U	1 U	1 U
GP65	GP65-W-21.0	10/18/2010	21	1 U	1.52	**1630**	1 U	**436**	**2.23**
GP66	GP66-W-15.0	10/18/2010	15	1 U	1 U	**2.12**	1 U	1 U	1 U
GP67	GP67-W-17.0	10/18/2010	17	1 U	1 U	**175**	1 U	**6.41**	1 U
GP68	GP68-W-15.5	6/21/2011	15.5	1 U	1 U	1 U	1 U	1 U	1 U
GP69	GP69-W-17.0	6/21/2011	17	1 U	1 U	1 U	1 U	1 U	1 U
GP70	GP70-W-17.0	6/21/2011	17	1 U	1 U	1 U	1 U	1 U	1 U
GP71	GP71-W-22.1	6/21/2011	22.1	1 U	1 U	1 U	1 U	1 U	1 U
GP72	GP72-W-20.0	6/20/2011	20	1 U	1 U	1 U	1 U	1 U	1 U
GP73	GP73-W-19.0	6/17/2011	19	1 U	1 U	**63.2**	1 U	**4.83**	1 U
GP74	GP74-W-17.0	6/17/2011	17	1 U	6.24	**150**	1 U	**6.44**	1 U
GP75	GP75-W-18.5	6/16/2011	18.5	1 U	23.1	**268**	4.54	**18.3**	1 U
GP76	GP76-W-18.8	6/16/2011	18.8	1 U	7.12	**119**	1 U	**6.39**	1 U
GP77	GP77-W-19.0	6/16/2011	19	1 U	5.88	**316**	4.59	**16.3**	1 U

Table 4
PCE and Breakdown Products in Reconnaissance Groundwater (µg/L)
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	5	NV	5	0.2
MTCA Method B				400	80	0.081	160	0.49	0.029
GP78	GP78-W-31.0	6/20/2011	31	1 U	1 U	1 U	1 U	1 U	1 U
GP79	GP79-W-21.0	6/17/2011	21	1 U	1 U	**4.47**	1 U	1 U	1 U
GP79	GP79-W-21.0-DUP	6/17/2011	21	1 U	1 U	**4.51**	1 U	1 U	1 U
GP80	GP80-W-30.0	6/17/2011	30	1 U	1 U	**5.76**	1 U	**5.85**	1 U
GP81	GP81-W-19.0	6/23/2011	19	1 U	1 U	1 U	1 U	1 U	1 U

NOTES:

bgs = below ground surface.

Bold = value exceeds MTCA Method B screening levels.

MTCA = Model Toxics Control Act.

µg/L = micrograms per liter.

NV = no value.

Shading = value exceeds MTCA Method A screening levels.

TCE = trichloroethene.

U = not detected at or above the method reporting limit.

Table 5
Volatile Organic Compounds in Groundwater
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Units	1,1-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-ethane (µg/L)	Chloroethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	PCE (µg/L)	trans-1,2-Dichloroethene (µg/L)	TCE (µg/L)	Vinyl chloride (µg/L)
MTCA Method A					NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B					7.68	400	0.48	NV	16	5[a]	160	4[a]	0.029
MW01	MW1-12.5	06/24/2011	12.5		--	1.00 U	--	--	1.00 U	**19.5**	1.00 U	1.00 U	1.00 U
	MW01_031712	03/17/2012	12.5	ug/l	--	0.0964 U	--	--	0.154 U	**8.38**	0.149 U	0.087 U	0.165 U
	MW01-061812	06/18/2012	12.95		--	1.00 U	--	--	1.00 U	**16.2**	1.00 U	1.00 U	1.00 U
	MW01-100312	10/03/2012	12.95	ug/l	--	0.096 U	--	--	0.100 J	**11.2**	0.083 U	1.00	0.155 U
	MW01-121812	12/18/2012	12.95	ug/l	--	0.0964 U	--	--	0.810 J	**7.26**	0.160 UJ	0.390 J	0.155 U
	MW01-040413	04/04/2013	12.95	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**8.72**	0.0830 U	0.0870 U	0.155 U
	MW01-060313	06/03/2013	12.95	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**9.67**	0.0830 U	0.0870 U	0.155 U
	MW01-092713	09/27/2013	12.95	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**5.44**	0.0830 U	1.00 U	0.155 U
	MW01-122313	12/23/2013	12.95	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**5.05**	0.083 U	1.00 U	1.00 U
	MW01-032414	3/24/2014	12.95	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	3.37	0.083 U	0.087 U	0.155 U
	MW01-090914	9/9/2014	12.95	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	3.37	0.083 U	0.44 J	0.155 U
	MW01-120414	12/4/2014	11	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.81 J	0.038 U	0.047 U	0.076 U
	MW01-030415	3/4/2015	12.95	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	2.00 U	0.083 U	0.087 U	0.155 U
MW02	MW2-14.0	06/24/2011	14		--	1.00 U	--	--	1.00 U	**8.84**	1.00 U	1.00 U	1.00 U
	MW2_031712	03/17/2012	14	ug/l	--	0.0964 U	--	--	0.154 U	0.88 J	0.149 U	0.087 U	0.165 U
	MW02-061812	06/18/2012	14.57		--	1.00 U	--	--	1.00 U	**9.37**	1.00 U	1.00 U	1.00 U
	MW02-100512	10/05/2012	14.57	ug/l	--	0.096 U	--	--	0.160 J	**14.2**	0.083 U	0.690 J	0.155 U
	MW02-122012	12/20/2012	14.57	ug/l	--	0.0964 U	--	--	0.540 J	**11.8**	0.0830 U	0.0870 U	0.155 U
	MW02-040413	04/04/2013	14.57	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1.00 UJ	0.0830 U	0.0870 U	0.155 U
	MW02-060313	06/03/2013	14.57	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.320 J	0.0830 U	0.0870 U	0.155 U
	MW02-092713	09/27/2013	14.57	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1.00 U	0.0830 U	0.0870 U	0.155 U
	MW02-122313	12/23/2013	14.57	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	1.00 U	0.083 U	1.00 U	1.00 U
	MW02-032414	03/24/2014	14.57	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW02-090914	09/09/2014	14.57	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	4.82	0.083 U	0.087 U	**0.37 J**
	MW02-120514	12/5/2014	14.57	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.14 J	0.038 U	0.047 U	0.076 U
	MW02-030415	3/4/2015	14.57	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.170 U	0.083 U	0.087 U	0.155 U

Table 5
Volatile Organic Compounds in Groundwater
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Units	1,1-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-ethane (µg/L)	Chloroethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	PCE (µg/L)	trans-1,2-Dichloroethene (µg/L)	TCE (µg/L)	Vinyl chloride (µg/L)
MTCA Method A					NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B					7.68	400	0.48	NV	16	5[a]	160	4[a]	0.029
MW03	MW3-15.0	06/24/2011	15		--	1.00 U	--	--	1.00 U	**12500**	1.00 U	3.47	1.00 U
	MW3_031712	03/17/2012	15	ug/l	--	0.0964 U	--	--	0.154 U	**3510**	0.149 U	1.34	0.165 U
	MW03-061912	06/19/2012	15.26		--	1.00 U	--	--	1.04	**2250**	1.00 U	2.77	1.00 U
	MW03_100512	10/05/2012	15.26	ug/l	--	0.096 U	--	--	3.08	**2390**	0.110 J	**9.15**	0.155 U
	MW03-122012	12/20/2012	15.26	ug/l	--	0.0964 U	--	--	1.00	**1120**	0.0830 U	2.24	0.155 U
	MW03-122012-DUP	12/20/2012	15.26	ug/l	--	0.140 J	--	--	0.940 J	**974**	0.0830 U	2.02	0.155 U
	MW03-040413	04/04/2013	15.26	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.610 J	**532**	0.0830 U	1.92	0.155 U
	MW03-060313	06/03/2013	15.26	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.520 J	**653**	0.0830 U	1.91	0.155 U
	MW03-092713	09/27/2013	15.26	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**1390**	0.0830 U	1.95	0.155 U
	MW03-122313	12/23/2013	15.26	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**11700**	0.083 U	3.19	1.00 U
	MW03-032414	3/24/2014	15.26	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.49	**8840**	0.083 U	3.75	0.155 U
	MW03-062314	6/23/2014	15.26	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.24 J	**6650**	0.083 U	2.81	0.155 U
	MW03-090914	9/9/2014	15.26	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**8500**	0.083 U	2.6	0.155 U
	MW03-120414	12/4/2014	13	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	1.58	**2900**	0.038 U	2.63	0.076 U
	MW03-030415	3/4/2015	15.26	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**5640**	0.083 U	3.32	0.155 U
MW04	MW4-16.0	06/24/2011	16		--	1.00 U	--	--	1.00 U	**226**	1.00 U	**13.9**	1.00 U
	MW4-16-DUP	06/24/2011	16		--	1.00 U	--	--	1.00 U	**216**	1.00 U	**15.8**	1.00 U
	MW04_031712	03/17/2012	16	ug/l	--	0.0964 U	--	--	0.154 U	**63.6**	0.149 U	3.83	0.165 U
	MW04-062112	06/21/2012	16.11		--	1.00 U	--	--	1.00 U	**21.6**	1.00 U	1.00 U	1.00 U
	MW04_100512	10/05/2012	16.11	ug/l	--	0.096 U	--	--	0.100 J	**24.4**	0.083 U	0.087 U	0.155 U
	MW04-122112	12/21/2012	16.11	ug/l	--	0.220 UJ	--	--	0.750 J	**21.5**	0.250 UJ	1.75	0.155 U
	MW04-040513	04/05/2013	16.11	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**19**	0.0830 U	1.34	0.155 U
	MW04-060413	06/04/2013	16.11	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**29.2**	0.0830 U	0.0870 U	0.155 U
	MW04-092713	09/27/2013	16.11	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**21.7**	0.0830 U	0.0870 U	0.155 U
	MW04-122413	12/24/2013	16.11	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**13.4**	0.083 U	1.00 U	1.00 U
	MW04-032414	03/24/2014	16.11	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.29	**12.8**	0.083 U	0.95	0.155 U
	MW04-091114	09/11/2014	16.11	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**17**	0.083 U	0.82 J	0.155 U
	MW04-120814	12/8/2014	14	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**6.96**	0.038 U	0.047 U	0.076 U
	MW04-030515	3/5/2015	16.11	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11.6**	0.083 U	0.91 J	0.155 U

Table 5
Volatile Organic Compounds in Groundwater
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Units	1,1-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-ethane (µg/L)	Chloroethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	PCE (µg/L)	trans-1,2-Dichloroethene (µg/L)	TCE (µg/L)	Vinyl chloride (µg/L)
MTCA Method A					NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B					7.68	400	0.48	NV	16	5[a]	160	4[a]	0.029
MW05	MW5-16.5	06/24/2011	16.5		--	1.00 U	--	--	1.00 U	**2240**	1.00 U	3.61	1.00 U
	MW05_031712	03/17/2012	16.5	ug/l	--	0.0964 U	--	--	0.154 U	**1520**	0.149 U	2.22	0.165 U
	MW05-062112	06/21/2012	17.13		--	1.00 U	--	--	1.00 U	**1380**	1.00 U	**5.89**	1.00 U
	MW05-100412	10/04/2012	17.13	ug/l	--	0.096 U	--	--	0.270 J	**2400 J**	0.160 J	2.63	0.155 U
	MWDUP-100412	10/04/2012	17.13	ug/l	--	0.096 U	--	--	0.240 J	**1400 J**	0.170 J	2.44	0.155 U
	MW05-122112	12/21/2012	17.13	ug/l	--	0.0964 U	--	--	0.800 J	**1030**	0.350 J	3.29	0.155 U
	MW05-040513	04/05/2013	17.13	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.140 J	**2330**	0.0830 U	4.07	0.155 U
	MW05-040513-Dup	04/05/2013	17.13	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.120 J	**1740**	0.0830 U	3.32	0.155 U
	MW05-060313	06/03/2013	17.13	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.160 J	**950 J**	0.0830 U	2.53	0.155 U
	MW05-060313-DUP	06/03/2013	17.13	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.180 J	**1790 J**	0.0830 U	2.7	0.155 U
	MW05-092713	09/27/2013	17.13	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**624 J**	0.0830 U	2.63	0.155 U
	MW05-092713-DUP	09/27/2013	17.13	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**1270 J**	0.0830 U	3.92	0.155 U
	MW05-122413	12/24/2013	17.13	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**1790**	0.083 U	3.98	1.00 U
	MW05-122413-DUP	12/24/2013	17.13	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**1740**	0.083 U	3.55	1.00 U
	MW05-032414	3/24/2014	17.13	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.250	**1960**	0.083 U	4.64	0.155 U
	MW05-032414-DUP	3/24/2014	17.13	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**1790**	0.083 U	**5.87**	0.155 U
	MW05-062314	6/23/2014	17.13	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.16 J	**1220**	0.2 J	3.66	0.155 U
	MW05-062314-DUP	6/23/2014	17.13	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.22 J	**1300**	0.24 J	3.89	0.155 U
	MW05-090914	9/9/2014	17.13	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**1470**	0.083 U	2.72	0.155 U
	MW05-090914-DUP	9/9/2014	17.13	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**1490**	0.083 U	2.65	0.155 U
	MW05-120514	12/5/2014	17.13	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**427**	0.038 U	2.66	0.076 U
	MW05-120514-DUP	12/5/2014	17.13	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**426**	0.038 U	2.85	0.076 U
	MW05-030515	3/5/2015	17.13	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**1460**	0.083 U	**6.41**	0.155 U
	MW05-030515-DUP	3/5/2015	17.13	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**1540**	0.083 U	**5.83**	0.155 U
MW06	MW6-16.0	06/24/2011	16		--	1.00 U	--	--	1.31	3.77	1.00 U	**19.1**	1.00 U
	MW06_031712	03/17/2012	16	ug/l	--	0.0964 U	--	--	1.08	4.03	0.149 U	**11.1**	0.165 U
	MW06-062012	06/20/2012	16.32		--	1.00 U	--	--	1.00 U	2.79	1.00 U	**9.84**	1.00 U
	MW06-100412	10/04/2012	16.32	ug/l	--	0.130 J	--	--	0.960 J	4.31	0.370 J	**6.26**	0.155 U
	MW06-122012	12/20/2012	16.32	ug/l	--	0.0964 U	--	--	1.3	2.14	0.240 J	4.49	0.155 U
	MW06-040513	04/05/2013	16.32	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	1.07	2.65	0.240 J	**7.41**	0.155 U
	MW06-060313	06/03/2013	16.32	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	1.1	3.92	0.270 J	**6.61**	0.155 U
	MW06-092613	09/26/2013	16.32	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	3	**5.6**	0.460 J	**12.1**	0.155 U
	MW06-122413	12/24/2013	16.32	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.53	4.83	0.24 J	**8.11**	1.00 U
	MW06-032514	3/25/2014	16.32	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.29	2.39	0.083 U	**7.29**	0.155 U
	MW06-062314	6/23/2014	16.32	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.61	2.77	0.34 J	**8.94**	0.155 U
	MW06-091114	9/11/2014	16.32	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.7 J	2.24	0.28 J	**5.72**	0.155 U
	MW06-120514	12/5/2014	14	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	2.32	1.46	0.038 U	**8.92**	0.076 U
	MW06-030515	3/5/2015	15.26	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	2.13	2.52 U	0.083 U	**12.7**	0.155 U

Table 5
Volatile Organic Compounds in Groundwater
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Units	1,1-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-ethane (µg/L)	Chloroethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	PCE (µg/L)	trans-1,2-Dichloroethene (µg/L)	TCE (µg/L)	Vinyl chloride (µg/L)
MTCA Method A					NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B					7.68	400	0.48	NV	16	5[a]	160	4[a]	0.029
MW07	MW7-15.0	06/24/2011	15		--	1.00 U	--	--	1.00 U	**11.7**	1.00 U	1.00 U	1.00 U
	MW07_031612	03/16/2012	15	ug/l	--	0.0964 U	--	--	0.154 U	**6.11**	0.149 U	0.087 U	0.165 U
	MW07-062012	06/20/2012	15.62		--	1.00 U	--	--	1.00 U	**12.3**	1.00 U	1.00 U	1.00 U
	MW07-100412	10/04/2012	15.62	ug/l	--	0.096 U	--	--	0.130 J	**50.5**	0.083 U	0.100 J	0.155 U
	MW07-121912	12/19/2012	15.62	ug/l	--	0.0964 U	--	--	0.550 J	**10.2**	0.0830 U	0.0870 U	0.155 U
	MW07-040913	04/09/2013	15.62	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**8.9**	0.0830 U	0.100 J	0.155 U
	MW07-060413	06/04/2013	15.62	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**12.7**	0.0830 U	0.0870 U	0.155 U
	MW07-092513	09/25/2013	15.62	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	1.00 U	**126**	0.0830 U	0.0870 U	0.155 U
	MW07-122413	12/24/2013	15.62	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**108**	0.083 U	1.00 U	1.00 U
	MW07-032514	3/25/2014	15.62	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11.7**	0.083 U	0.087 U	0.155 U
	MW07-062414	6/24/2014	15.62	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	3.12	0.083 U	0.087 U	0.155 U
	MW07-090914	9/9/2014	15.62	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**17.9**	0.083 U	0.087 U	0.155 U
	MW07-120814	12/8/2014	13.5	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**37.9**	0.038 U	0.047 U	0.076 U
	MW07-030615	3/6/2015	15.62	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	4.85	0.083 U	0.087 U	0.155 U

Table 5
Volatile Organic Compounds in Groundwater
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Units	1,1-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-ethane (µg/L)	Chloroethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	PCE (µg/L)	trans-1,2-Dichloroethene (µg/L)	TCE (µg/L)	Vinyl chloride (µg/L)
MTCA Method A					NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B					7.68	400	0.48	NV	16	5[a]	160	4[a]	0.029
MW08	MW08_031612	03/16/2012	54.5	ug/l	--	0.0964 U	--	--	0.154 U	0.158 U	0.149 U	0.087 U	0.165 U
	MW08-061812	06/18/2012	54.98		--	1.00 U	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
	MW08_100512	10/05/2012	54.98	ug/l	--	0.096 U	--	--	0.130 J	**68.8**	0.083 U	0.560 J	0.155 U
	MW08-121812	12/18/2012	54.98	ug/l	--	0.160 J	--	--	0.640 J	0.0672 U	0.160 UJ	0.0870 U	0.155 U
	MW08-040813	04/08/2013	54.98	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1.00 UJ	0.0830 U	0.0870 U	0.155 U
	MW08-060213	06/02/2013	54.98	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW08-092413	09/24/2013	54.98	ug/l	0.0851 UJ	0.0964 UJ	0.0870 UJ	0.203 UJ	1.00 UJ	1.00 UJ	0.0830 UJ	0.0870 UJ	0.155 UJ
	MW08-122013	12/20/2013	54.98	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.00 U	0.083 U	1.00 U	1.00 U
	MW08-032714	03/27/2014	54.98	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.00 U	0.083 U	0.087 U	0.155 U
	MW08-091014	09/10/2014	54.98	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.13	0.083 U	0.44 J	0.155 U
	MW08-120414	12/4/2014	60	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.058 U	0.038 U	0.047 U	0.076 U
	MW08-030415	3/4/2015	62.52	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.370 U	0.083 U	0.087 U	0.155 U
MW09	MW09_031412	03/14/2012	14.5	ug/l	--	0.0964 U	--	--	0.48 J	**53.9**	0.149 U	**62.6**	0.165 U
	MW09-062012	06/20/2012	14.61		--	1.00 U	--	--	1.00 U	**52.4**	1.00 U	**99.8**	1.00 U
	MW09-100312	10/03/2012	14.61	ug/l	--	0.240 J	--	--	0.750 J	**128**	0.260 J	**150**	0.190 J
	MW09-121912	12/21/2012	14.61	ug/l	--	0.220 UJ	--	--	0.770 J	**33.7**	0.250 UJ	**44.2**	0.155 U
	MW09-040813	04/08/2013	14.61	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.230 J	**34.7**	0.0830 U	**55.0**	0.155 U
	MW09-060313	06/03/2013	14.61	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.430 J	**62.1**	0.0830 U	**93.4**	0.155 U
	MW09-092713	09/27/2013	14.61	ug/l	0.0851 U	0.190 J	0.0870 U	0.203 U	1	**90.9**	0.230 J	**148**	0.155 U
	MW09-122313	12/23/2013	14.61	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**29.9**	0.083 U	**64.4**	1.00 U
	MW09-032714	3/27/2014	14.61	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**9.12**	0.083 U	**18.3**	0.155 U
	MW09-062514	6/25/2014	14.61	ug/l	0.0851 UR	0.0964 UR	0.087 UR	0.203 UR	0.26 J	**32.3 J**	0.083 UR	**63.1 J**	0.155 UR
	MW09-091114	9/11/2014	14.61	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**62.3**	0.083 U	**101**	0.155 U
	MW09-120814	12/8/2014	12.5	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**22.7**	0.038 U	**80.2**	0.076 U
	MW09-030515	3/5/2015	14.16	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**25.5**	0.083 U	**75.5**	0.155 U
MW10	MW10_031312	03/13/2012	29	ug/l	--	0.0964 U	--	--	0.154 U	**76.6**	0.149 U	**17.4**	0.165 U
	MW10-062112	06/21/2012	29.53		--	1.00 U	--	--	1.00 U	**65.5**	1.00 U	**31.8**	1.00 U
	MW10-100412	10/04/2012	29.53	ug/l	--	0.140 J	--	--	0.320 J	**93.1**	0.083 U	**24.7**	0.155 U
	MW10-121912	12/19/2012	29.53	ug/l	--	0.0964 U	--	--	1.07	**37.7**	0.160 UJ	**21.1**	0.155 U
	MW10-040913	04/09/2013	29.53	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**83.1**	0.0830 U	**17.9**	0.155 U
	MW10-060413	06/04/2013	29.53	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**101**	0.0830 U	**32.2**	0.155 U
	MW10-092513	09/25/2013	29.53	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	1.00 U	**135**	0.0830 U	**33.1**	0.155 U
	MW10-122413	12/24/2013	29.53	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**75.4**	0.083 U	**18.9**	1.00 U
	MW10-032514	3/25/2014	29.53	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**74.2**	0.083 U	**12.4**	0.155 U
	MW10-062414	6/24/2014	29.53	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.18 J	**83.6**	0.083 U	**41**	0.155 U
	MW10-090914	9/9/2014	29.53	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**82.2**	0.083 U	**35.7**	0.23 J
	MW10-120814	12/8/2014	27.5	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**54.5**	0.038 U	**45.4**	0.076 U
	MW10-030615	3/6/2015	29.53	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**62.4**	0.083 U	**24.6**	0.155 U

Table 5
Volatile Organic Compounds in Groundwater
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Units	1,1-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-ethane (µg/L)	Chloroethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	PCE (µg/L)	trans-1,2-Dichloroethene (µg/L)	TCE (µg/L)	Vinyl chloride (µg/L)
MTCA Method A					NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B					7.68	400	0.48	NV	16	5[a]	160	4[a]	0.029
MW11	MW11_031312	03/13/2012	19	ug/l	--	0.0964 U	--	--	0.154 U	**32.9**	0.149 U	1.49	0.165 U
	MW11-062012	06/20/2012	19.54		--	1.00 U	--	--	1.00 U	**26.4**	1.00 U	3.17	1.00 U
	MW11_100512	10/05/2012	19.54	ug/l	--	0.096 U	--	--	0.180 J	**26.8**	0.083 U	0.870 J	0.155 U
	MW11-122012	12/20/2012	19.54	ug/l	--	0.0964 U	--	--	0.600 J	**13.1**	0.170 J	0.610 J	0.155 U
	MW11-040913	04/09/2013	19.54	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**34.8**	0.0830 U	1.99	0.155 U
	MW11-060413	06/04/2013	19.54	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**49.8**	0.0830 U	3.56	0.155 U
	MW11-092413	09/24/2013	19.54	ug/l	0.0851 UJ	0.0964 UJ	0.0870 UJ	0.203 UJ	1.00 UJ	**34.1 J**	0.083 UJ	1.72 J	0.155 UJ
	MW11-122413	12/24/2013	19.54	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**17.0**	0.083 U	1.00 U	1.00 U
	MW11-032714	3/27/2014	19.54	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**27.1**	0.083 U	2.58	0.155 U
	MW11-062414	6/24/2014	19.54	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**22**	0.083 U	1.33	0.155 U
	MW11-091014	9/10/2014	19.54	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**18.4**	0.083 U	1.09	0.155 U
	MW11-120914	12/9/2014	17.5	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**23.5**	0.038 U	**6.79**	0.076 U
	MW11-030615	3/6/2015	19.54	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**33.6**	0.083 U	**11.3**	0.155 U
MW13	MW13_031412	03/14/2012	19	ug/l	--	0.0964 U	--	--	2.01	**447**	0.5 J	**65.4**	0.165 U
	MW13-062112	06/21/2012	19.45		--	1.00 U	--	--	3.69	**251**	1.00 U	**117**	1.00 U
	MW13_100712	10/07/2012	19.45	ug/l	--	0.096 U	--	--	0.400 J	**176**	0.170 J	**13.1**	0.155 U
	MW13-122012	12/20/2012	19.45	ug/l	--	0.0964 U	--	--	0.920 J	**146**	0.260 J	**11.3**	0.155 U
	MW13-040913	04/09/2013	19.45	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**948**	0.0830 U	**32.5**	0.155 U
	MW13-060413	06/04/2013	19.45	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.390 J	**114**	0.0830 U	**21**	0.155 U
	MW13-092513	09/25/2013	19.45	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	3.36	**105 J**	0.95 J	**80.2**	0.155 U
	MW13-122413	12/24/2013	19.45	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**151**	0.083 U	**11.2**	1.00 U
	MW13-032714	3/27/2014	19.45	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.340	**259**	0.083 U	**25.6**	0.155 U
	MW13-062414	6/24/2014	19.45	ug/l	0.0851 UR	0.0964 UR	0.087 UR	0.203 UR	1.34 J	**159 J**	0.42 J	**53.2 J**	0.155 UR
	MW13-091014	9/10/2014	19.45	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**111**	0.13 J	**13.9**	0.155 U
	MW13-120914	12/9/2014	17.5	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**201**	0.038 U	**43.2**	0.076 U
	MW13-030615	3/6/2015	19.45	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.3	**834**	0.083 U	**95.8**	0.155 U

Table 5
Volatile Organic Compounds in Groundwater
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Units	1,1-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-ethane (µg/L)	Chloroethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	PCE (µg/L)	trans-1,2-Dichloroethene (µg/L)	TCE (µg/L)	Vinyl chloride (µg/L)
MTCA Method A					NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B					7.68	400	0.48	NV	16	5[a]	160	4[a]	0.029
MW14	MW14_031212	03/12/2012	21.5	ug/l	--	0.0964 U	--	--	0.154 U	**74.4**	0.149 U	**40.8**	0.165 U
	MW14-062012	06/20/2012	21.81		--	1.00 U	--	--	1.00 U	**15.8**	1.00 U	**7.31**	1.00 U
	MW14-100312	10/03/2012	21.81	ug/l	--	0.096 U	--	--	0.200 J	1.17	0.083 U	0.340 J	0.155 U
	MW14-121912	12/19/2012	21.81	ug/l	--	0.110 J	--	--	0.530 UJ	0.440 J	0.0830 U	0.0870 U	0.155 U
	MW14-040913	04/09/2013	21.81	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	3.29	0.0830 U	1.1	0.155 U
	MW14-060413	06/04/2013	21.81	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1.14	0.0830 U	0.0870 U	0.155 U
	MW14-092713	09/27/2013	21.81	ug/l	0.0851 U	0.0964 U	0.110 J	0.203 U	1.00 U	1.00 U	0.0830 U	1.00 U	0.155 U
	MW14-122313	12/23/2013	21.81	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**15.9**	0.083 U	1.86	1.00 U
	MW14-032714	3/27/2014	21.81	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.12	0.083 U	0.52	0.155 U
	MW14-062514	6/25/2014	21.81	ug/l	0.0851 UR	0.0964 UR	0.087 UR	0.203 UR	0.066 UR	0.45 J	0.083 UR	0.3 J	0.155 UR
	MW14-091114	9/11/2014	21.81	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW14-120814	12/8/2014	20	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.29 J	0.038 U	0.047 U	0.076 U
	MW14-030515	3/5/2015	21.81	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.880 U	0.083 U	0.087 U	0.155 U
MW15	MW15_031512	03/15/2012	64.5	ug/l	--	0.0964 U	--	--	0.154 U	**6.89**	0.149 U	0.45 J	0.165 U
	MW15-061912	06/19/2012	64.95		--	1.00 U	--	--	1.00 U	**9.84 J**	1.00 U	1.00 U	1.00 U
	MW15_100712	10/07/2012	64.95	ug/l	--	0.096 U	--	--	0.0660 U	**17.1**	0.083 U	0.520 J	0.155 U
	MW15-122112	12/21/2012	64.95	ug/l	--	0.220 UJ	--	--	0.640 UJ	**13**	0.260 J	0.970 J	0.155 U
	MW15-041013	04/10/2013	64.95	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**10.5**	0.0830 U	0.0870 U	0.155 U
	MW15-060413	06/04/2013	64.95	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**11.5**	0.0830 U	0.0870 U	0.155 U
	MW15-092413	09/24/2013	64.95	ug/l	0.0851 UJ	0.0964 UJ	0.130 J	0.203 UJ	1.46 J	**32.4 J**	0.0830 UJ	1.00 UJ	0.155 UJ
	MW15-122013	12/20/2013	64.95	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**18**	0.083 U	1.00 U	1.00 U
	MW15-032514	3/25/2014	64.95	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**13.1**	0.083 U	0.63	0.155 U
	MW15-062414	6/24/2014	64.95	ug/l	0.0851 UR	0.0964 UR	0.087 UR	0.203 UR	0.066 UR	**10.1 J**	0.083 UR	0.45 J	0.155 UR
	MW15-091014	9/10/2014	64.95	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11.1**	0.083 U	0.42 J	0.155 U
	MW15-120314	12/3/2014	64.95	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	4.62	0.038 U	0.047 U	0.076 U
	MW15-030515	3/5/2015	64.95	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11**	0.083 U	0.087 U	0.155 U
MW16	MW16_031512	03/15/2012	64	ug/l	--	0.0964 U	--	--	0.154 U	**7.1**	0.149 U	0.68 J	0.165 U
	MW16-061912	06/19/2012	64.53		--	1.00 U	--	--	1.00 U	**7.77**	1.00 U	1.00 U	1.00 U
	MW16_100712	10/07/2012	64.53	ug/l	--	0.096 U	--	--	0.066 U	**17.2**	0.083 U	0.360 J	0.155 U
	MW16-122112	12/21/2012	64.53	ug/l	--	0.310 J	--	--	0.640 UJ	**9.04**	0.250 UJ	0.910 J	0.155 U
	MW16-041013	04/10/2013	64.53	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**7.68**	0.0830 U	0.0870 U	0.155 U
	MW16-060413	06/04/2013	64.53	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**9.21**	0.0830 U	0.610 J	0.155 U
	MW16-092413	09/24/2013	64.53	ug/l	0.110 J	0.0964 UJ	0.270 J	0.203 UJ	3.08 J	**13.9 J**	0.160 J	1.21 J	1.57 J
	MW16-122013	12/20/2013	64.53	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11.6**	0.083 U	1.00 U	1.00 U
	MW16-032514	3/25/2014	64.53	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11.5**	0.083 U	1.35	0.155 U
	MW16-062414	6/24/2014	64.53	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**9.79**	0.083 U	1.17	0.155 U
	MW16-091014	9/10/2014	64.53	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**8.68**	0.083 U	0.94 J	0.155 U
	MW16-120314	12/3/2014	64.53	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**5.1**	0.038 U	0.8 J	0.076 U
	MW16-030515	3/5/2015	63.5	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11.4**	0.083 U	1.75	0.155 U

Table 5
Volatile Organic Compounds in Groundwater
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Units	1,1-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-ethane (µg/L)	Chloroethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	PCE (µg/L)	trans-1,2-Dichloroethene (µg/L)	TCE (µg/L)	Vinyl chloride (µg/L)
MTCA Method A					NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B					7.68	400	0.48	NV	16	5[a]	160	4[a]	0.029
MW17	MW17-040913	04/09/2013	33.25	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW17-060413	06/04/2013	33.25	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW17-092613	09/26/2013	33.25	ug/l	0.290 J	0.0964 U	0.0870 U	0.203 U	1.00 U	0.0672 U	0.083 U	1.00 U	0.155 U
	MW17-122313	12/23/2013	33.25	ug/l	0.13 J	0.0964 U	0.087 U	0.203 U	1.00 U	4.83	0.083 U	1.00 U	1.00 U
	MW17-032714	03/27/2014	33.25	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW17-091114	09/11/2014	33.25	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW17-120914	12/9/2014	31	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.39 J	0.038 U	0.047 U	0.076 U
	MW17-030615	3/6/2015	32	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.55	0.083 U	0.087 U	0.155 U
MW18	MW18-041013	04/10/2013	43.16	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW18-060413	06/04/2013	43.16	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW18-092713	09/27/2013	43.16	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	1.00 U	1.00 U	0.0830 U	0.0870 U	0.155 U
	MW18-122313	12/23/2013	43.16	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**7.00**	0.083 U	1.00 U	1.00 U
	MW18-032714	3/27/2014	43.16	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	0.083 U	0.087 U	0.155 U
	MW18-062414	6/24/2014	43.16	ug/l	0.0851 UR	0.0964 UR	0.087 UR	0.203 UR	0.066 UR	0.0672 UR	0.083 UR	0.22 J	0.155 UR
	MW18-091014	9/10/2014	43.16	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.41 J	0.083 U	0.087 U	0.155 U
	MW18-120414	12/4/2014	41	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.058 U	0.038 U	0.047 U	0.076 U
	MW18-030515	3/5/2015	43.16	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
MW19	MW19-041013	04/10/2013	63	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1.69	0.0830 U	0.0870 U	0.155 U
	MW19-060413	06/04/2013	63	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1.91	0.0830 U	0.0870 U	0.155 U
	MW19-092413	09/24/2013	63	ug/l	0.0851 UJ	0.0964 UJ	0.140 J	0.203 UJ	1.36 J	2.49 J	0.110 J	1.00 UJ	0.155 UJ
	MW19-122013	12/20/2013	63	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	1.92	0.083 U	1.00 U	1.00 U
	MW19-032714	03/27/2014	63	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.03	0.083 U	0.28	0.155 U
	MW19-091114	09/11/2014	63	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.95 J	0.083 U	0.42 J	0.155 U
	MW19-120514	12/5/2014	63	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.51 J	0.038 U	0.047 U	0.076 U
	MW19-030615	3/6/2015	63	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.910 U	0.083 U	0.087 U	0.155 U

Table 5
Volatile Organic Compounds in Groundwater
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Units	1,1-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-ethane (µg/L)	Chloroethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	PCE (µg/L)	trans-1,2-Dichloroethene (µg/L)	TCE (µg/L)	Vinyl chloride (µg/L)
MTCA Method A					NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B					7.68	400	0.48	NV	16	5[a]	160	4[a]	0.029
MW20	MW20-040913	04/09/2013	9.67	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW20-060413	06/04/2013	9.67	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.960 J	0.0830 U	0.0870 U	0.155 U
	MW20-092713	09/27/2013	9.67	ug/l	0.0851 U	0.0964 U	0.110 J	0.203 U	1.00 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW20-122413	12/24/2013	9.67	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.08	0.083 U	1.00 U	1.00 U
	MW20-032714	03/27/2014	9.67	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	0.083 U	0.087 U	0.155 U
	MW20-091114	09/11/2014	9.67	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.18 J	0.083 U	0.087 U	0.155 U
	MW20-120514	12/5/2014	9.67	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.058 U	0.038 U	0.047 U	0.076 U
	MW20-030615	3/6/2015	9.67	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
MW21	MW21-040813	04/08/2013	13.1	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**23.9**	0.0830 U	0.0870 U	0.155 U
	MW21-060313	06/03/2013	13.1	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**14**	0.0830 U	0.0870 U	0.155 U
	MW21-092713	09/27/2013	13.1	ug/l	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	**53.8**	0.0830 U	1.00 U	0.155 U
	MW21-122313	12/23/2013	13.1	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	**602**	0.083 U	1.00 U	1.00 U
	MW21-032414	3/24/2014	13.1	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**45.3**	0.083 U	0.22	0.155 U
	MW21-062314	6/23/2014	13.1	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**75.8**	0.083 U	0.087 U	0.155 U
	MW21-090914	9/9/2014	13.1	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**47.5**	0.083 U	0.087 U	0.155 U
	MW21-120514	12/5/2014	11	ug/l	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**104**	0.038 U	0.047 U	0.076 U
	MW21-030415	3/4/2015	13.1	ug/l	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**79.4**	0.083 U	0.087 U	0.155 U

NOTES:
Bold text indicates that value exceeds MTCA Method A screening levels.
-- = not analyzed.
bgs = below ground surface.
CLARC = cleanup levels and risk calculation.
J = estimated value.
MTCA = Model Toxics Control Act.
MTCA Method A = MTCA standard Method A groundwater screening level values.
MTCA Method B = MTCA standard Method B groundwater screening level values for noncarcinogenic compounds.
µg/L = micrograms per liter.
NV = no value.
PCE = tetrachloroethene.
TCE = trichloroethene.
U = not detected at or above the method reporting limit (2011) or method detection limit (2012).
UJ = analyte was not detected above reported detection limit. Reported detection limit is approximate and may or may not represent actual limit of quantitation necessary to accurately and precisely measure analyte in sample.
[a]MTCA standard Method B screening level values for PCE and TCE are based on State of Washington CLARC guidance dated September 2012 and on Washington Administrative Code 173-340-720 (7)(b).

Table 6
Air Results (µg/m^3)
Former Park Laundry
Ridgefield, Washington

Property	Location	Sample ID	Date Collected	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-ethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl Chloride
MTCA Method B Indoor Air Screening Level[a,b]				1.56	91	0.096	NV	NV	9.6	NV	0.37	0.28
Indoor Air												
117 N. 3rd Ave—Fire Station	1-IA1	1-IA1-111512	11/15/2012	0.12 U	0.059 U	**0.31**	0.2 U	0.12 U	0.2 U	0.59 U	**1.2**	0.038 U
	1-IA2	1-IA2-111512	11/15/2012	0.11 U	0.053 U	**0.2**	0.18 U	0.11 U	0.18 U	0.53 U	**1**	0.034 U
	1-IA3	1-IA3-111512	11/15/2012	0.13 U	0.063 U	**0.086 J**	0.21 U	0.12 U	0.21 U	0.63 U	**1**	0.04 U
	1-IA1	1-IA1-072913	07/29/2013	0.13 U	0.063 U	**0.17**	0.21 U	0.12 U	0.21 U	0.63 U	**2.2**	0.040 U
	1-IA2	1-IA2-072913	07/29/2013	0.12 U	0.061 U	**0.074 J**	0.20 U	0.12 U	0.21 U	0.61 U	**0.47**	0.040 U
	1-IA3	1-IA3-072913	07/29/2013	0.12 U	0.059 U	**0.069 J**	0.20 U	0.12 U	0.20 U	0.59 U	**0.29**	0.038 U
210 N. Main Ave—Community Center	5-IA1	5-IA1-111412	11/14/2012	0.12 U	0.061 U	**0.093 J**	0.2 U	0.12 U	**0.23**	0.61 U	**0.063 J**	0.04 U
	5-IA2	5-IA2-111412	11/14/2012	0.12 U	0.06 U	**0.11 J**	0.2 U	0.12 U	**0.22**	0.6 U	**0.17**	0.039 U
	5-IA3	5-IA3-111412	11/14/2012	0.13 U	0.065 U	**0.074 J**	0.22 U	0.13 U	0.22 U	0.65 U	**0.058 J**	0.042 U
	5-IA1	5-IA1-073013	07/30/2013	0.12 U	0.061 U	**0.064 J**	0.20 U	0.12 U	**0.44**	0.61 U	0.16 U	0.039 U
	5-IA2	5-IA2-073013	07/30/2013	0.12 U	0.061 U	**0.081 J**	0.20 U	0.12 U	**0.52**	0.61 U	0.16 U	0.039 U
	5-IA3	5-IA3-073013	07/30/2013	0.13 U	0.062 U	**0.15**	0.21 U	0.12 U	**0.81**	0.62 U	**0.68**	0.040 U
116 N. Main Ave—Police Department	7-IA1	7-IA1-111512	11/15/2012	0.12 U	0.06 U	**0.12**	0.2 U	0.12 U	0.2 U	0.6 U	**0.12 J**	0.039 U
	7-IA2	7-IA2-111512	11/15/2012	0.12 U	0.059 U	**0.08 J**	0.2 U	0.12 U	**0.2 J**	0.59 U	**0.074 J**	0.038 U
	7-IA1	7-IA1-072913	07/29/2013	0.13 U	0.062 U	**0.076 J**	0.20 U	0.12 U	0.21 U	0.62 U	0.17 U	0.040 U
	7-IA2	7-IA2-072913	07/29/2013	0.12 U	0.057 U	**0.10 J**	0.19 U	0.11 U	0.20 U	0.57 U	0.15 U	0.037 U
121 N. Main Ave—Sportsman Grill	9-IA1	9-IA1-111212	11/12/2012	0.23 U	0.11 U	**0.16 J**	0.38 U	0.23 U	0.39 U	1.1 U	**0.12 J**	0.074 U
	9-IA2	9-IA2-111212	11/12/2012	0.14 U	0.069 U	**0.12 J**	0.23 U	0.14 U	0.24 U	0.69 U	**0.056 J**	0.044 U
	9-IA1	9-IA1-072913	07/29/2013	0.25 U	0.12 U	**0.47**	0.41 U	0.25 U	**1.1**	1.2 U	**1.3**	**0.083**
	9-IA2	9-IA2-072913	07/29/2013	0.12 U	0.059 U	**0.14**	0.20 U	0.12 U	0.20 U	0.59 U	0.16 U	0.038 U
127 N. Main Ave—Sales Office	10-IA1	10-IA1-111512	11/15/2012	0.14 U	0.069 U	**0.33**	0.23 U	0.14 U	0.24 U	0.69 U	**0.03 J**	0.045 U
	10-IA2	10-IA2-111512	11/15/2012	0.13 U	0.064 U	**0.44**	0.21 U	0.13 U	0.22 U	0.64 U	**0.026 J**	0.041 U
	10-IA1	10-IA1-072913	07/29/2013	0.12 U	0.058 U	**0.37**	0.19 U	0.12 U	**0.25**	0.58 U	0.16 U	0.038 U
	10-IA2	10-IA2-072913	07/29/2013	0.12 U	0.060 U	**0.33**	0.20 U	0.12 U	0.20 U	0.60 U	0.16 U	0.038 U
201 / 205 N. Main Ave—Post Office	11-IA1	11-IA1-111512	11/15/2012	0.13 U	0.063 U	**0.22**	0.21 U	0.13 U	**0.23**	0.63 U	**0.043 J**	0.041 U
	11-IA2	11-IA2-111512	11/15/2012	0.12 U	0.06 U	**0.2**	0.2 U	0.12 U	0.21 U	0.6 U	**0.051 J**	0.039 U
	11-IA3	11-IA3-111512	11/15/2012	0.12 U	0.06 U	**0.19**	0.2 U	0.12 U	**0.27**	0.6 U	**0.035 J**	0.039 U
	11-IA1	11-IA1-072913	07/29/2013	0.12 U	0.059 U	**0.54**	0.20 U	0.12 U	**0.46**	0.59 U	0.16 U	**0.074**
	11-IA2	11-IA2-072913	07/29/2013	0.12 U	0.059 U	**0.54**	0.20 U	0.12 U	0.20 U	0.59 U	0.16 U	0.038 U
	11-IA3	11-IA3-072913	07/29/2013	0.12 U	0.059 U	**0.39**	0.20 U	0.12 U	**0.29**	0.59 U	0.16 U	0.038 U
305 N. Main Ave	13-IA1	13-IA1-111612	11/16/2012	0.13 U	0.062 U	**0.48**	0.2 U	0.12 U	0.21 U	0.62 U	**0.03 J**	0.04 U
	13-IA2	13-IA2-111612	11/16/2012	0.13 U	0.063 U	**0.67**	0.21 U	0.13 U	0.22 U	0.63 U	**0.095 J**	0.041 U
	13-IA1	13-IA1-073013	07/30/2013	0.13 U	0.065 U	**0.57**	0.22 U	0.13 U	0.22 U	0.65 U	0.18 U	0.042 U
	13-IA2	13-IA2-073013	07/30/2013	0.11 U	0.055 U	**2.2**	0.18 U	0.11 U	**0.36**	0.55 U	0.15 U	0.036 U
322 N. 1st Ave	24-IA1	24-IA1-111612	11/16/2012	0.12 U	0.061 U	**0.08 J**	0.2 U	0.12 U	0.21 U	0.61 U	**0.068 J**	0.039 U
	24-IA2	24-IA2-111612	11/16/2012	0.12 U	0.061 U	**0.08 J**	0.2 U	0.12 U	0.21 U	0.61 U	**0.029 J**	0.04 U
304 N. 1st Ave	27-IA1	27-IA1-111512	11/15/2012	0.12 U	0.061 U	**1.5**	0.20 U	0.12 U	0.21 U	0.61 U	**0.083 J**	0.04 U
	27-IA2	27-IA2-111512	11/15/2012	0.14 U	0.067 U	**1.5**	0.22 U	0.13 U	0.23 U	0.67 U	0.052 UJ	0.043 U
	27-IA1	27-IA1-073013	07/30/2013	0.12 U	0.061 U	**2.1**	0.20 U	0.12 U	**1.1**	0.61 U	0.16 U	0.039 U
	27-IA2	27-IA2-073013	07/30/2013	0.13 U	0.063 U	**2.6**	0.21 U	0.13 U	**1.2**	0.63 U	0.17 U	0.041 U

Table 6
Air Results (µg/m^3)
Former Park Laundry
Ridgefield, Washington

Property	Location	Sample ID	Date Collected	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-ethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl Chloride
MTCA Method B Indoor Air Screening Level[a,b]				1.56	91	0.096	NV	NV	9.6	NV	0.37	0.28
305 N. 1st Ave	28-IA1	28-IA1-073013	07/30/2013	0.14 U	0.068 U	**0.32**	0.22 U	0.14 U	**0.85**	0.68 U	0.18 U	0.044 U
	28-IA2	28-IA2-073013	07/30/2013	0.13 U	0.064 U	**0.82**	0.21 U	0.13 U	**0.30**	0.64 U	0.17 U	0.041 U
	28-IA3	28-IA3-073013	07/30/2013	0.12 U	0.060 U	**0.51**	0.20 U	0.12 U	**0.27**	0.60 U	0.16 U	**0.043**
Crawlspace												
127 N. Main Ave—Sales Office	10-CS1	10-CS1-111512	11/15/2012	0.11 U	0.055 U	**0.063 J**	0.18 U	0.11 U	0.19 U	0.55 U	**0.035 J**	0.035 U
	10-CS1	10-CS1-072913	07/29/2013	0.12 U	0.060 U	**0.055 J**	0.20 U	0.12 U	0.20 U	0.60 U	0.16 U	0.038 U
322 N. 1st Ave	24-CS1	24-CS1-111512	11/15/2012	0.13 U	0.065 U	**0.061 J**	0.22 U	0.13 U	0.22 U	0.65 U	0.052 UJ	0.042 U
304 N. 1st Ave	27-CS1	27-CS1-111512	11/15/2012	0.11 U	0.053 U	**0.17**	0.18 U	0.11 U	0.18 U	0.53 U	**0.053 J**	**0.039**
	27-CS1	27-CS1-073013	07/30/2013	0.12 U	0.059 U	**0.093 J**	0.20 U	0.12 U	0.20 U	0.59 U	**0.17**	0.038 U
Outdoor Air (Background)												
Living Center	OA1	OA1-111512	11/15/2012	0.12 U	0.06 U	**0.81 J**	0.2 U	0.12 U	0.21 U	0.6 U	**0.053 J**	0.039 U
	OA1	OA1-111612	11/16/2012	0.12 U	0.061 U	**0.062 J**	0.2 U	0.12 U	0.21 U	0.61 U	**0.047 J**	0.04 U
El Rancho Viejo	OA2	OA2-111512	11/15/2012	0.1 U	0.05 U	**0.056 J**	0.17 U	0.1 U	0.17 U	0.5 U	**0.048 J**	0.032 U
	OA2	OA2-111612	11/16/2012	0.12 U	0.057 U	**0.069 J**	0.19 U	0.11 U	0.2 U	0.57 U	**0.047 J**	0.037 U
Davis Park	OA3	OA3-111512	11/15/2012	0.12 U	0.061 U	**0.26**	0.2 U	0.12 U	0.21 U	0.61 U	**0.064 J**	0.04 U
	OA3	OA3-111612	11/16/2012	0.12 U	0.06 U	**0.068 J**	0.2 U	0.12 U	0.21 U	0.6 U	**0.06 J**	0.039 U
	OA3	OA3-072913	07/29/2013	0.12 U	0.059 U	**0.16**	0.20 U	0.12 U	**0.63**	0.59 U	**0.26**	0.038 U
	OA3	OA3-073013	07/30/2013	0.13 U	0.063 U	**0.061 J**	0.21 U	0.13 U	0.22 U	0.63 U	0.17 U	0.041 U

NOTES:
Detections are in bold font.
Detections that exceed MTCA Method B screening levels are shaded.
J = Result is estimated value.
MTCA = Model Toxics Control Act.
µg/m^3 = micrograms per cubic meter
PCE = tetrachloroethene.
TCE = trichloroethene.
U = Result is non-detect to method detection limit for 1,2-dichloroethane results for samples collected in July 2013. Result is non-detect to method reporting limit for all other results.
[a]MTCA Method B for Indoor Air from Table B-1 (Ecology, 2009).
[b]Screening level values for PCE and TCE are based on CLARC guidance dated September 2012.

Table 7
Soil Gas Results (µg/m^3)
Former Park Laundry
Ridgefield, Washington

Property	Location	Sample ID	Date Collected	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-ethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl Chloride	Helium (%)
MTCA Method B Soil Gas Screening Level[a,b]				3200	910	0.96	30	160	96	320	3.7	2.8	
Subslab													
117 N. 3rd Ave—Fire Station	1-SS1	1-SS1-111512	11/15/2012	0.92 U	0.9 U	0.075 U	3 U	0.9 U	1.5 U	0.9 U	**0.29 J**	0.58 U	0.11 U
	1-SS2	1-SS2-111512	11/15/2012	0.89 U	0.88 U	0.073 U	2.9 U	0.88 U	**2.2**	0.88 U	0.18 U	0.56 U	0.11 U
	1-SS3	1-SS3-111512	11/15/2012	0.91 U	0.9 U	0.074 U	3 U	0.9 U	1.5 U	0.9 U	**0.35 J**	0.58 U	0.11 U
	1-SS1	1-SS1-072913	07/29/2013	4.7 U	4.6 U	0.89 U	12 U	4.6 U	7.9 U	4.6 U	1.6 U	0.77 U	NA
	1-SS2	1-SS2-072913	07/29/2013	4.7 U	4.6 U	0.89 U	12 U	4.6 U	7.9 U	4.6 U	1.6 U	0.77 U	NA
	1-SS3	1-SS3-072913	07/29/2013	4.7 U	4.6 U	0.88 U	12 U	4.6 U	7.9 U	4.6 U	1.6 U	0.76 U	NA
210 N. Main Ave—Community Center	5-SS1	5-SS1-073013	07/30/2013	4.5 U	4.4 U	0.86 U	12 U	4.4 U	**750**	4.4 U	1.6 U	0.74 U	NA
	5-SS2	5-SS2-073013	07/30/2013	4.6 U	4.6 U	0.88 U	12 U	4.6 U	**320**	4.6 U	1.6 U	0.76 U	NA
116 N. Main Ave—Police Department	7-SS1	7-SS1-111512	11/15/2012	0.94 U	0.92 U	0.076 U	3 U	0.92 U	**12**	0.92 U	**0.31 J**	0.59 U	0.12 U
	7-SS2	7-SS2-111512	11/15/2012	0.97 U	0.95 U	0.079 U	3.2 U	0.95 U	**7.8 J**	0.95 U	**0.36 J**	0.61 U	0.59
	7-SS3	7-SS3-111512	11/15/2012	0.91 U	0.9 U	0.074 U	3 U	0.9 U	**14 J**	0.9 U	0.19 U	0.58 U	0.24
	7-SS1	7-SS1-072913	07/29/2013	4.8 U	4.7 U	0.90 U	12 U	4.7 U	8.0 U	4.7 U	1.6 U	0.78 U	NA
	7-SS2	7-SS2-072913	07/29/2013	4.8 U	4.6 U	0.90 U	12 U	4.6 U	8.0 U	4.6 U	1.6 U	0.78 U	NA
	7-SS3	7-SS3-072913	07/29/2013	5.0 U	4.8 U	0.94 U	13 U	4.8 U	8.3 U	4.8 U	1.7 U	0.81 U	NA
201 / 205 N. Main Ave—Post Office	11-SS1	11-SS1-111512	11/15/2012	0.82 U	0.8 U	**0.22 J**	2.7 U	0.8 U	1.4 U	0.8 U	0.17 U	0.52 U	0.1 U
	11-SS2	11-SS2-111512	11/15/2012	1.9 U	1.8 U	**0.72 J**	6.1 U	1.8 U	3.1 U	1.8 U	0.38 U	1.2 U	0.38
	11-SS3	11-SS3-111512	11/15/2012	2.1 U	2 U	0.17 U	6.8 U	2 U	3.5 U	2 U	0.42 U	1.3 U	0.13 U
	11-SS4	11-SS4-111512	11/15/2012	2.9 U	2.8 U	0.23 U	9.4 U	2.8 U	**6.9**	2.8 U	0.59 U	1.8 U	0.11 U
	11-SS1	11-SS1-073113	07/31/2013	4.8 U	4.6 U	0.78 U	12 U	4.6 U	**10**	4.6 U	1.1 U	0.88 U	NA
	11-SS2	11-SS2-073113	07/31/2013	5.0 U	4.9 U	0.81 U	13 U	4.9 U	8.3 U	4.9 U	1.2 U	0.92 U	NA
	11-SS3	11-SS3-073113	07/31/2013	4.6 U	4.5 U	0.76 U	12 U	4.5 U	7.8 U	4.5 U	1.1 U	0.85 U	NA
	11-SS4	11-SS4-073113	07/31/2013	4.6 U	4.6 U	0.76 U	12 U	4.6 U	7.8 U	4.6 U	1.1 U	0.86 U	NA
305 N. Main Ave	13-SS1	13-SS1-111612	11/16/2012	0.87 U	0.86 U	0.071 U	2.8 U	0.86 U	**1.9**	0.86 U	0.18 U	0.55 U	0.11 U
	13-SS1	13-SS1-073013	07/30/2013	5.2 U	5.1 U	0.85 U	14 U	5.1 U	8.7 U	5.1 U	1.2 U	0.96 U	NA
Soil Gas													
117 N. 3rd Ave—Fire Station	1-SG1	1-SG1-111512	11/15/2012	0.88 U	0.86 U	**0.34 J**	2.9 U	0.86 U	**16**	0.86 U	**0.95 J**	0.56 U	0.11 U
210 N. Main Ave—Community Center	5-SG1	5-SG1-111512	11/15/2012	0.93 U	0.91 U	**0.16 J**	3 U	0.91 U	**92**	0.91 U	**0.48 J**	0.59 U	0.12 U
	5-SG1	5-SG1-073013	07/30/2013	4.7 U	4.6 U	0.89 U	12 U	4.6 U	**250**	4.6 U	1.6 U	0.77 U	NA
201 / 205 N. Main Ave—Post Office	11-SG1	11-SG1-111612	11/16/2012	0.93 U	0.91 U	0.076 U	3 U	**3.3**	1.6 U	0.91 U	**4.7**	**4.7**	0.12 U
	11-SG1	11-SG1-073113	07/31/2013	5.0 U	4.9 U	0.94 U	13 U	**13**	**34**	4.9 U	**5.2 J**	**2.7 J**	NA
305 N. Main Ave	13-SG1	13-SG1-111512	11/15/2012	1 U	0.99 U	0.082 U	3.3 U	0.99 U	**26**	0.99 U	**0.4 J**	0.64 U	0.12 U
	13-SG1	13-SG1-073013	07/30/2013	5.3 U	5.2 U	0.99 U	14 U	5.2 U	**30**	5.2 U	**2.4 J**	0.86 U	NA
322 N. 1st Ave	24-SG1	24-SG1-111512	11/15/2012	0.99 U	0.97 U	0.08 U	3.2 U	0.97 U	**2.6**	0.97 U	**0.35 J**	0.62 U	0.12 U
	24-SG1	24-SG1-073013	07/30/2013	5.3 U	5.2 U	1.0 U	14 U	5.2 U	8.9 U	5.2 U	1.8 U	0.87 U	NA
304 N. 1st Ave	27-SG1	27-SG1-111512	11/15/2012	0.88 U	0.86 U	**0.21 J**	2.9 U	0.86 U	**5.9**	0.86 U	**0.5 J**	0.56 U	0.11 U
	27-SG1	27-SG1-072913	07/29/2013	5.1 U	5.0 U	0.96 U	13 U	5.0 U	8.5 U	5.0 U	1.7 U	0.83 U	NA
305 N. 1st Ave	28-SG1	28-SG1-073013	07/30/2013	33 U	32 U	6.2 U	85 U	32 U	**16000**	32 U	11 U	5.3 U	NA
122 N. Main Ave—Former Park Laundry Property	44-SG1	44-SG1-073113	07/31/2013	19 U	19 U	3.6 U	50 U	19 U	**9500**	19 U	6.5 U	3.1 U	NA

Table 7
Soil Gas Results (µg/m^3)
Former Park Laundry
Ridgefield, Washington

Property	Location	Sample ID	Date Collected	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-ethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl Chloride	Helium (%)
MTCA Method B Soil Gas Screening Level[a,b]				3200	910	0.96	30	160	96	320	3.7	2.8	
126 N. Main Ave—Adjacent to Park Laundry	45-SG1	45-SG1-111512	11/15/2012	4.6 U	4.5 U	0.37 U	15 U	4.5 U	**2800**	4.5 U	**1.6 J**	2.9 U	0.11 U
	45-SG1	45-SG1-073113	07/31/2013	4.8 U	4.7 U	0.90 U	12 U	4.7 U	**1800**	4.7 U	1.6 U	0.78 U	NA
Corner of Main Ave. and Mill St.	46-SG1	46-SG1-111512	11/15/2012	0.87 U	0.85 U	0.071 U	2.8 U	0.85 U	**56**	0.85 U	**0.25 J**	0.55 U	0.11 U
	46-SG1	46-SG1-073013	07/30/2013	5.0 U	4.9 U	5.0 U	13 U	4.9 U	**100**	4.9 U	1.7 U	0.81 U	NA

NOTES:
Detections are in bold font.
Detections that exceed MTCA Method B screening levels are shaded.
J = Result is estimated value.
MTCA = Model Toxics Control Act.
µg/m^3 = micrograms per cubic meter.
NA = Helium was not included in analysis for these samples.
PCE = tetrachloroethene.
TCE = trichloroethene.
U = Result is non-detect to method detection limit for 1,2-dichloroethane, TCE, and vinyl chloride results for samples collected in July 2013. Result is non-detect to method reporting limit for all other results.
[a]MTCA Method B for Soil Gas from Table B-1 (Ecology, 2009).
[b] Screening level values for PCE and TCE are based on CLARC guidance dated September 2012.

Table 8
Natural Attenuation - Groundwater Analysis
Former Park Laundry
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Units	Carbon Dioxide[b] (mg/L)	Chloride (mg/L)	Methane[b] (mg/L)	Nitrate (mg/L as N)	Nitrite (mg/L as N)	Sulfate (mg/L)	Sulfide (mg/L as S)
MTCA Method A					NV	NV	NV	NV	NV	NV	NV
MTCA Method B					NV	NV	NV	25.6[a]	NV	NV	NV
MW01	MW01-120414	12/4/2014	11	mg/l	44	3.02	0.0665 U	1	0.021 U	2.75	0.11 U
MW02	MW02-120514	12/5/2014	14.57	mg/l	30	1.24	0.0665 U	1.18	0.021 U	9.28	0.11 U
MW03	MW03-120414	12/4/2014	13	mg/l	35	3.45	0.0665 U	4.87	0.021 U	15	0.11 U
MW04	MW04-120814	12/8/2014	14	mg/l	18	3.9	0.0665 U	2.65	0.021 U	7.65	0.11 U
MW05	MW05-120514	12/5/2014	17.13	mg/l	28	3.56	0.0665 U	1.01	0.021 U	10.8	0.11 U
MW05	MW05-120514-DUP	12/5/2014	17.13	mg/l	35	3.57	0.0665 U	1.21	0.021 U	10.8	0.11 U
MW06	MW06-120514	12/5/2014	14	mg/l	22	4.9	0.0665 U	1.79	0.021 U	8.11	0.11 U
MW07	MW07-120814	12/8/2014	13.5	mg/l	31	5.64	0.0665 U	1.24	0.021 U	4.78	0.388 J
MW08	MW08-120414	12/4/2014	60	mg/l	68	4.43	0.0665 U	0.465	0.021 U	9.19	0.11 U
MW09	MW09-120814	12/8/2014	12.5	mg/l	50	4.26	0.0665 U	0.0913	0.021 U	8.88	0.11 U
MW10	MW10-120814	12/8/2014	27.5	mg/l	13	3.44	0.0665 U	0.67	0.021 U	6.78	1.16
MW11	MW11-120914	12/9/2014	17.5	mg/l	45	3.65	0.0665 U	1.95	0.021 U	9.01	1.16
MW13	MW13-120914	12/9/2014	17.5	mg/l	38	6.45	0.0665 U	6.06	0.021 U	8.98	0.388 J
MW14	MW14-120814	12/8/2014	20	mg/l	26	6.96	0.0665 U	0.731	0.021 U	6.34	0.388 J
MW15	MW15-120314	12/3/2014	64.95	mg/l	39	2.43	0.0665 U	3.92	0.021 U	7.33	0.11 U
MW16	MW16-120314	12/3/2014	64.53	mg/l	43	3.21	0.0665 U	3.34	0.021 U	8.67	0.11 U
MW17	MW17-120914	12/9/2014	31	mg/l	28	9.36	0.0665 U	0.039 U	0.021 U	17	1.55
MW18	MW18-120414	12/4/2014	41	mg/l	64	7.39	0.0665 U	2.82	0.021 U	7.48	0.11 U
MW19	MW19-120514	12/5/2014	63	mg/l	14	3.83	0.0665 U	0.771	0.021 U	11.8	0.11 U
MW20	MW20-120514	12/5/2014	9.67	mg/l	120	3.98	0.0665 U	0.4	0.021 U	24.2	0.388 J
MW21	MW21-120514	12/5/2014	11	mg/l	50	3.2	0.0665 U	1.87	0.021 U	10	0.11 U

NOTES:
Bold text indicates that value exceeds MTCA Method A screening levels.
-- = not analyzed.
bgs = below ground surface.
CLARC = cleanup levels and risk calculation.
J = estimated value.
mg/L = milligrams per liter.
MTCA = Model Toxics Control Act.
MTCA Method A = MTCA standard Method A groundwater screening level values.
MTCA Method B = MTCA standard Method B groundwater screening level values for noncarcinogenic compounds.
NV = no value.
U = not detected at or above the method detection limit.
[a]MTCA standard Method B screening level for nitrate, results are reported as nitrate nitrogen.
[b]Results reported to the method reporting limit instead of method detection limit.

FIGURES

Figure 1
Downtown Ridgefield Brownfield Properties

Former Park Laundry
City of Ridgefield
Ridgefield, Washington

Legend

- UST — Potential UST
- Weeks/Wertz Property
- Bus Barn Property
- Former Park Laundry Property
- Parcel Boundary

0 30 60
Feet

Source: Aerial photograph (2014) obtained from Clark County GIS.

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Figure 2
Site Vicinity

Former Park Laundry
City of Ridgefield
Ridgefield, Washington

RIDGEFIELD COMMUNITY CENTER
POST OFFICE
FOOD ESTABLISHMENT
BANK OR CREDIT UNION
Simons St
BUILDING WITH OFFICE FUNCTIONALITY
VACANT
FOOD OR DRINK ESTABLISHMENT
VACANT
SKATE PARK
Former Park Laundry
PARKING FOR POLICE STATION
N Main Ave
N 3rd Ave
AUDITORIUM/ COMMUNITY THEATER
RIDGEFIELD POLICE DEPT
FIRE STATION
VACANT
SERVICE/RETAIL
OFFICE (CITY HALL)
Pioneer St
S Main Ave
S 3rd Ave

Legend

- Former Park Laundry Property
- Parcel Boundary

0 30 60
Feet

Source: Aerial photograph (2014) obtained from Clark County GIS.

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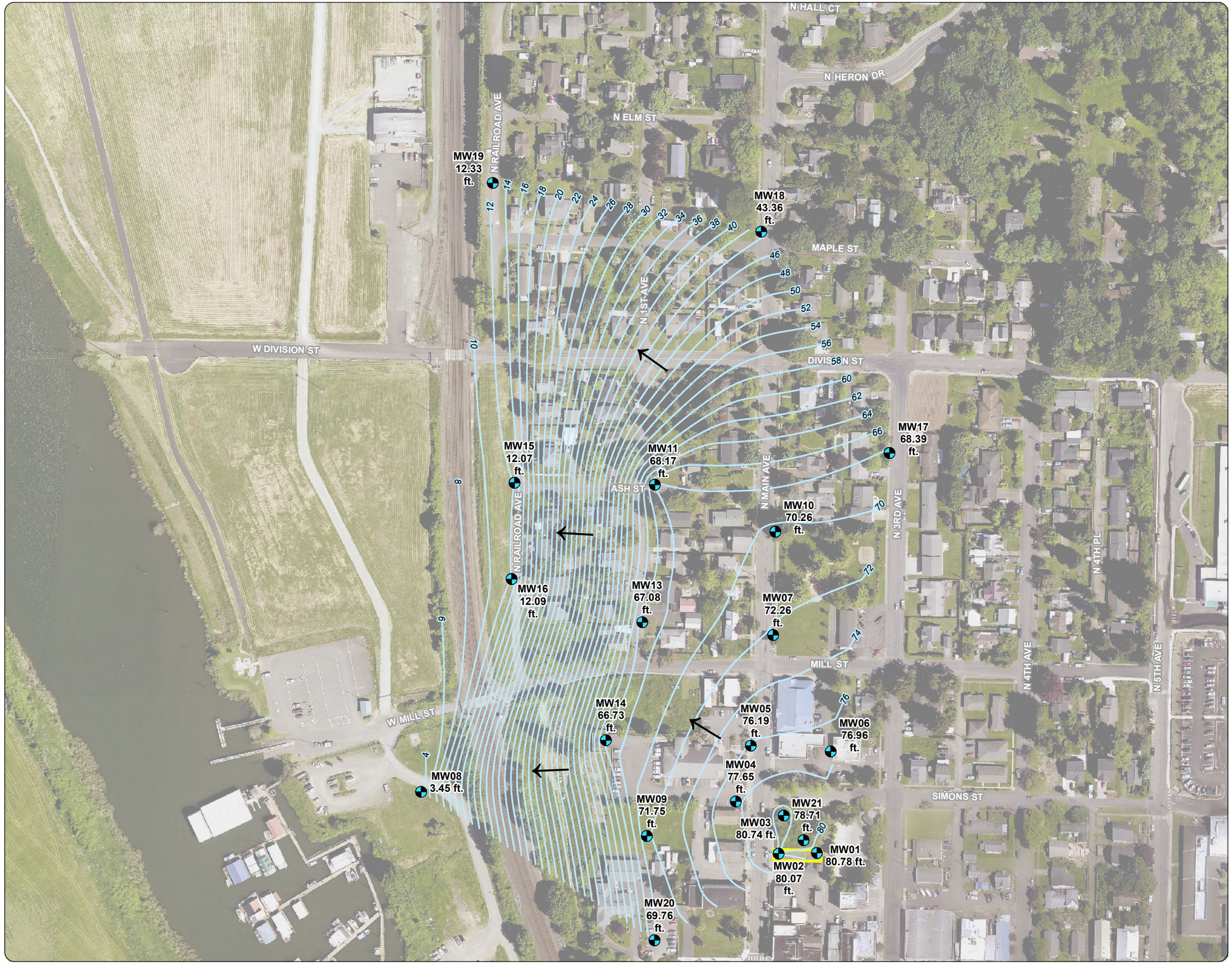
Figure 3
Estimated Groundwater Potentiometric Surface Map
March 2015

Former Park Laundry
City of Ridgefield
Ridgefield, Washington



Legend

- Park Laundry Monitoring Well
- Water Level Contour (Feet MSL)
- Groundwater Flow Direction
- Property Boundary

Notes:

1. Park Laundry monitoring well locations were surveyed by Minister-Glaeser on June 23, 2011, March 12, 2012, and April 4, 2103.
2. MSL = mean sea level.
3. Port = Port of Ridgefield.
4. Potentiometric surface modeled using ArcGIS 10.3 for Desktop Spatial Analyst Natural Neighbor interpolation tool.

0 100 200
Feet

Source: Aerial photograph (2014) and taxlots (2014) obtained from Clark County GIS; Port monitoring wells obtained from Port of Ridgefield.

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Produced By: jschane
Project: 8006.31.05-01

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B8
9.63 U

GP57

GP56
12.5 UH

GP55
6.94 U

GP54
26 HT

GP53

B11

B5
23.8

GP50
49.3

GP51
147

GP52
33.7

B7

GP49

GP48
24.3

GP47
19.8

GP46
98.7

GP45
109

GP44
54

GP43
11.6 U

GP42
16.1

GP41
7.94

GP40
13.3

GP35

GP34

GP39
9.74

GP38
62.5

B6
23.7

GP37
10.1 U

GP33
12.2 U

GP32
11.3

GP31

GP30
37.5

Source: Aerial photograph (2014) obtained from Clark County, Washington

Note
Where present, PCE concentrations in micrograms per kilogram (ug/kg).

Legend

- Deep Boring
- Shallow Boring
- Property Boundary
- PCE Exceedance (>50 ug/kg)

Figure 4
PCE Concentrations in Surface Soil

Former Park Laundry
City of Ridgefield
Ridgefield, Washington

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0 6.25 12.5
Feet

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Figure 5
Monitoring Results
March 2015

Former Park Laundry
City of Ridgefield
Ridgefield, Washington

Legend

- Park Laundry Monitoring Well
- POR Monitoring Well

MW10 - *Well ID*
83.1 µg/L - *PCE concentration*
17.9 µg/L - *TCE concentration*

MTCA Method A Exceedance

- PCE Exceedance (>5 µg/L)
- TCE Exceedance (>5 µg/L)
- PCE & TCE Exceedance (Both >5 µg/L)
- Property Boundary
- Clark County Taxlots

Notes:
1. Park Laundry monitoring wells were surveyed by Minister-Glaeser on June 23, 2011, March 12, 2012, and April 4, 2013.
2. POR monitoring well PCE and TCE concentrations are from January of 2012.
3. POR = Port of Ridgefield.
4. PCE = Tetrachloroethene.
5. TCE = Trichloroethene.
6. µg/L = micrograms per liter.
7. PCE and TCE concentrations for Park Laundry site were collected in March 2015.
8. U = not detected at or above method reporting limit (MRL).
9. J = estimated concentration.

0 100 200
Feet

Source: Aerial photograph (May, 2014) and taxlots (July. 2012) obtained from Clark County GIS; POR monitoring wells obtained from Port of Ridgefield.

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Figure 6
Soil Gas and Air Sample Locations

Former Park Laundry
City of Ridgefield
Ridgefield, Washington

Legend

- Outdoor Air Sample
- Soil Gas Sample Location (July 2013)
- Soil Gas Sample Location (Nov. 2012)
- Soil Gas Sample Location (2010)
- Former Park Laundry Site

0 50 100
Feet

Source: Aerial photograph (2014) obtained from Clark County GIS.

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