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February 27, 2015

Greg Caron
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2014 Annual Groundwater Monitoring Report
Univar USA Inc.
8201 South 212th Street, Kent, Washington
Agreed Order No. DE 5988

Dear Mr. Caron:

Presented herein is the 2014 Annual Groundwater Monitoring Report for the above-referenced property during the period January 1 through December 31, 2014. This annual report has been prepared by AECOM (formerly URS Corporation), on behalf of Univar USA Inc. (Univar) pursuant to the requirements of Agreed Order No. DE 5988 (AO) between Univar and the Washington State Department of Ecology (Ecology), effective November 20, 2008. AECOM Technology Corporation (AECOM) and URS Corporation (URS) have officially combined as of October 17, 2014. *As of January 5, 2015 URS will now be referred to as AECOM.* Please note that because significant portions of this annual report were completed starting in October 2014, prior to availability of AECOM templates, the URS format was used.

Please do not hesitate to contact Jack Spicuzza of Univar at 614.529.0907 (jack.spicuzza@univarusa.com), or AECOM if you have any questions regarding this report.

Sincerely,
AECOM

Melanie L. Young, PE
Project Manager

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cc: Jack Spicuzza, Univar USA Inc.
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URS

2014 ANNUAL GROUNDWATER MONITORING REPORT
UNIVAR USA INC.
8201 SOUTH 212TH STREET
KENT, WASHINGTON
AGREED ORDER NO. DE 5988

For

Univar USA Inc.
Job No.: 19999919
February 27, 2015

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1.0 INTRODUCTION

This 2014 annual groundwater monitoring report has been prepared by URS Corporation (URS), a subsidiary of AECOM, on behalf of Univar USA Inc. (Univar) pursuant to the requirements of Agreed Order No. DE 5988 (AO) between Univar and the Washington State Department of Ecology (Ecology), effective November 20, 2008.[1] URS assumed the role of Univar's environmental consultant on June 1, 2013. AECOM acquired URS on October 17, 2014. This report presents data collected and activities performed at the Univar Kent Site (Site) located at 8201 South 212th Street, Kent, Washington (Figure 1), during the period January 1 through December 31, 2014. The 2014 groundwater monitoring at the Site was conducted consistent with the *Compliance Monitoring Plan (CMP)*, which was submitted to Ecology as an appendix to the Engineering Design Report (EDR; PES, 2010). Per Task 4 of the AO Scope of Work, this report provides an overview of the status of groundwater monitoring at the Site, including tabulated groundwater data, water level contour maps, isoconcentration contour maps, field forms, laboratory analytical data; and a discussion of data validation, water quality data, and data trends.

2.0 BACKGROUND

Groundwater was sampled at the Site from 1995 through 2009 consistent with the sampling procedures outlined in the groundwater investigation work plan (EMCON 1996) and from 2009 through 2010 consistent with the sampling procedures outlined in the Groundwater Monitoring Plan (PES 2009a). Groundwater monitoring was conducted on a quarterly basis from 1996 until 2003. The monitoring frequency was reduced from quarterly to semiannually in 2004. Prior to 1999, groundwater was sampled at the Site by purging three well pore volumes using a high capacity peristaltic pump, allowing the field parameters (temperature, pH, specific conductance, dissolved oxygen [DO], and turbidity) to stabilize, and collecting a sample using the pump tubing and a disposable bailer. Since June 1999, groundwater samples were collected using low-flow sampling techniques. Groundwater samples were initially analyzed for constituents that were historically stored or handled at the Site, including total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs). The analyte list was reduced in 2004 based on analytical data demonstrating low concentrations of certain constituents, and from 2004 to 2010, groundwater was monitored semiannually for VOCs only. The monitoring well locations are shown on Figure 2.

Implementation of the final cleanup action (CA) was initiated at the Site with the performance of an injection test in 2010. The full-scale injection program was conducted in late 2010 through early 2011, including injection of emulsified oil as a carbon substrate and injection of a microbial consortium containing *Dehalobacter* (Dhb) *and Dehalococcoide* (Dhc) bacteria into both shallow and deep injection wells and direct push injection points. The intent of the injection program was to stimulate the enhanced reductive dechlorination of the chlorinated VOCs found

[1] Washington State Department of Ecology. 2008. *Agreed Order No. DE5988, Univar USA Inc., 8201 South 212th Street, Kent, WA 98032*. November 20.

in the shallow MW-5 source area and the deeper MW-13/MW-21 source area. The locations of the injection wells are shown on Figure 3.

Groundwater performance monitoring was initiated in March 2011 consistent with the CMP and EDR (PES 2010). It was conducted to evaluate two aspects of the cleanup action: substrate injection and groundwater quality. Substrate injection performance monitoring was conducted at selected wells within the injection and monitoring well networks to confirm that the injected substrate is producing conditions conducive to reductive dechlorination. Two years of quarterly performance monitoring was completed in March 2013, consistent with the CMP. Groundwater performance monitoring is currently conducted semi-annually (March and September). The monitoring includes semi-annual monitoring for VOCs in all CMP wells; semi-annual monitoring for substrate distribution, and natural attenuation parameters in selected wells; and periodic monitoring for the presence of microbes in selected wells.

Groundwater performance monitoring is also being conducted to assess how the cleanup action is affecting the groundwater quality in and downgradient of the source treatment areas. Two new deep monitoring wells, MW-27 and MW-28, were installed in the north area of the monitoring well network in September 2014 to provide further delineation of the plume downgradient of the source treatment areas.

Performance monitoring will be conducted until groundwater cleanup levels have been achieved for Site indicator hazardous substances (IHS) at the point of compliance (defined in the AO as the downgradient property boundary).

An evaluation of the performance of the CA (Enhanced reductive dechlorination) was completed in November 2014 and documented in a technical memorandum (URS 2014b). Recommendations provided in the technical memorandum included continuing to monitor and review the semi-annual groundwater analytical data and to evaluate the efficacy of conducting another injection event downgradient of the deep zone source area. Given that groundwater concentrations were generally decreasing at the Site before and after injections (with notable exceptions in post-injection “daughter” product accumulation), if groundwater monitoring data from off-property wells do not show increasing trends, then natural attenuation may still be appropriate for the off-property plume.

3.0 GROUNDWATER MONITORING ACTIVITIES

3.1 MONITORING NETWORK

There are currently a total of 27 monitoring wells and one piezometer installed at the Site. The groundwater monitoring network specified in the CMP includes 22 monitoring wells and one piezometer as illustrated in Figure 2. There are an additional five monitoring wells installed; three wells are used for collecting water levels and two wells were installed in September 2014. The following describes the monitoring wells and piezometer that are installed at the Site:

- Twelve of the monitoring wells specified in the CMP (MW-1 through MW-10, MW-12, and MW-23) are installed in the upper portion of the shallow aquifer (between 4 and 20 feet below ground surface [bgs]) and are designated shallow zone monitoring wells.

- Ten of the monitoring wells specified in the CMP (MW-13 through MW-22) and the piezometer (P-1) are installed at the base of the shallow aquifer (between approximately 32 and 49 feet bgs) and are designated deep zone monitoring wells.

- Three additional wells, one designated shallow (MW-11) and two designated deep (MW-24 and MW-25), are not specified in the CMP but are used for collecting water levels only.

- Two new monitoring wells (MW-27 and MW-28) are designated deep zone monitoring wells and were installed in September 2014 to provide further delineation of the downgradient portion of the deep zone of the contaminated groundwater plume. Well completion details and well logs are provided in Appendix D.

All of the monitoring points, with the exception of MW-20 and new monitoring well MW-27 are located on the Univar property. The two off-site wells are located on the north side of South 212th Street.

The 22 CMP monitoring wells and the two new monitoring wells are monitored for VOCs to evaluate the effects of the CA on groundwater quality. Shallow zone wells MW-1 and MW-4 are also used to monitor natural attenuation east of the eastern loading dock. Four shallow zone wells (MW-5, MW-7, MW-12, and MW-23) and six deep zone wells (MW-13, MW-17, MW-18, MW-19, MW-21, and MW-22) are also used to monitor substrate injection performance (distribution and reducing conditions). The CMP originally designated nine substrate performance monitoring wells but a tenth well (MW-19) was added in 2012 to aid in the evaluation of the effects of substrate injection further downgradient from the initial network.

3.2 GROUNDWATER ELEVATIONS AND FLOW

Table 1 presents the depth to groundwater measurements and calculated groundwater elevations for the 2014 monitoring events conducted in March and September and for recent years (since 2010). Historical groundwater elevation data (prior to 2010) for each monitoring location are provided in Appendix A. Figures 4 and 5 present the shallow zone groundwater elevation contour maps for March and September, respectively. Figures 6 and 7 present the deep zone groundwater elevation contour maps for March and September, respectively. The shallow groundwater elevations and contours were similar to historical data, with the shallow groundwater gradient (approximately 0.005 feet/foot) oriented to the north-northeast away from the highest measured groundwater levels (groundwater mound) located near MW-1 and MW-4. The deep groundwater elevations and contours were also similar to historical data, with the deep groundwater gradient oriented toward the northwest. The effects of the shallow groundwater mound were not seen in the deep groundwater zone contours. As in previous years, the deep potentiometric surface was flat (with a hydraulic gradient less than 0.001 feet/foot), and the inferred groundwater flow was toward the northwest.

3.3 GROUNDWATER SAMPLING

All groundwater monitoring and sampling was conducted consistent with the procedures described in the CMP unless otherwise noted. In 2014, groundwater levels were measured on March 25 and September 22 in the CMP monitoring wells. Consistent with the CMP, the 22 network monitoring wells were sampled for VOC analysis in two semiannual events in 2014: March (March 25 through March 27) and September (September 23 through September 25). The two new monitoring wells (MW-27 and MW-28) were also sampled on September 24 and September 25 following their installation. Consistent with the CMP, samples collected in the September event from seven wells (MW-5, MW-7, MW-12, MW-13, MW-21, MW-22, and MW-23) plus one additional well (MW-19--to provide data for the Evaluation Technical Memorandum) and were analyzed for the presence of microbes using the polymerase chain reaction (PCR) test.

Field parameters measured during sampling included temperature, pH, specific conductance, DO, and oxidation-reduction potential (ORP) and are summarized in Table 2.

3.4 LABORATORY ANALYTICAL METHODS

Samples collected for laboratory analysis were submitted to the following laboratories: Fremont Analytical Laboratory in Seattle, Washington (VOCs and total organic carbon); Microseeps, Inc. in Pittsburgh, Pennsylvania (dissolved gases); and SiREM Laboratory in Ontario, Canada (microbiological testing). The following laboratory methods were used:

- VOCs including chlorinated and aromatic hydrocarbons by USEPA Method 8260;
- Total organic carbon (TOC) by USEPA SM 5310B;
- Natural attenuation parameters:
    - Dissolved gases (ethene, ethane, and methane) by Microseeps Method AM20GAX; and
- Microbiological Parameters by SiREM quantitative PCR method (Gene-Trac®):
    - Dehalococcoides (Dhc);
    - Dehalobacter (Dhb); and
    - Vinyl chloride reductase (*vcrA*).

Samples collected during all monitoring events were submitted to the laboratories under the protocols outlined in the CMP. Microbiological samples were collected with low flow sampling techniques using a protocol and filters provided by SiREM. Field parameters, sampling times, and observations were recorded on groundwater sampling forms. Copies of the groundwater sampling forms, analytical lab reports, and data validation reports from each sampling event are provided in Appendix E.

4.0 GROUNDWATER QUALITY

4.1 GROUNDWATER ANALYTICAL RESULTS

The tabulated chemistry results from 2010 (pre-injection testing) through the September 2014 monitoring event (including field parameters, VOCs, TOC, general chemistry parameters, microbiological activity, and dissolved gases) are presented in Tables 2 through 6. Table 3 provides the laboratory VOC results for the 17 groundwater IHSs established in the Revised Remedial Investigation, Focused Feasibility Study Addendum, and Draft Cleanup Action Plan (PES 2009b), as well as the cleanup level (CUL) established for each IHS.

Historical field parameter measurements and chemistry results for all wells are presented in Appendix B. Appendix C provides plots showing the concentrations of select VOCs over time (Figures C1-C44) and along an inferred groundwater path through the deep treatment area (Figures C45-C48). The VOCs presented include 1,1,1-trichloroethane (TCA), tetrachloroethene (PCE), and breakdown products: 1,1-dichloroethane (1,1-DCA), 1,1- dichloroethene (1,1-DCE), chloroethane, trichloroethene (TCE), cis-1,2 dichloroethene (cDCE), and vinyl chloride. Appendix C also provides microbial and vinyl chloride concentration graphs of 2014 and the previous three years (Figures C49-C51).

Figures 8 through 18 present isoconcentration contour maps for selected IHSs present in the shallow and deep groundwater zones in 2014. The isoconcentration contours are based on the highest IHS concentrations detected in each well during the 2014 monitoring period. IHS isoconcentration maps in shallow and deep aquifer zones were selected to:

(1) Represent the most widely distributed compounds detected in groundwater at the Site;

(2) Represent the most prominent compound from each of the three contaminant classes (aromatic, chlorinated ethanes, and chlorinated ethenes) present in groundwater in 2014; and

(3) Illustrate the degradation pathways of source compounds, if possible.

Five compounds (benzene, chloroethane, PCE, TCE, and vinyl chloride) were contoured for the shallow groundwater zone, and six compounds (benzene, toluene, 1,1-DCA, chloroethane, cDCE, and vinyl chloride) were contoured for the deep groundwater zone.

Following are discussions of the water quality data for the shallow and deep groundwater zones.

4.1.1 Shallow Groundwater Zone

During the 2014 monitoring period, one or more VOCs were detected above the applicable CULs in eight of the twelve shallow monitoring wells sampled (MW-1, MW-2, MW-4, MW-5, MW-7, MW-8, MW-12, and MW-23). VOCs were not detected above the CULs in four shallow monitoring wells (MW-3, MW-6, MW-9, and MW-10). The established VOC CULs for IHS in groundwater are provided in Table 3.

VOC concentrations in 2014 for the shallow groundwater zone (Table 3) were generally consistent with historical results with the exception of monitoring wells MW-1 and MW-23, where PCE increased in comparison to recent years to above the CUL. Several breakdown products increased in concentration from 2013, including chloroethane at monitoring well MW-1. The highest concentrations of VOCs within the shallow groundwater zone continue to appear in the two source areas (near wells MW-1 and MW-4, and near wells MW-5 and MW-12). As shown in Figures 8 through 12, the VOC concentrations generally decrease significantly in wells located away from the source areas.

The plots of VOC concentrations over time in individual shallow groundwater zone monitoring wells (Figures C1 to C24, Appendix C) indicate that:

- VOC concentrations are generally decreasing over time in the source area wells (MW-1, MW-4, MW-5, and MW-12), with the exception of recent varying concentrations on PCE in MW-1 and increased concentrations of TCE in MW-5. The increase of TCE concentrations in MW-5 appear to be coincident with a decrease in PCE. The 2014 concentrations of TCE appear to have decreased to pre-injection levels.

- Breakdown product concentrations (chloroethane, 1,1-DCA, 1,1-DCE, cDCE, and/or vinyl chloride) have slightly increased in MW-1, MW-4, MW-5, and MW-12 consistent with the degradation of parent products in the source area.

- Variable to decreasing VOC concentrations over time near the shallow source area (MW-7, MW-8, MW-9, and MW-23); and

- Relatively steady VOC concentrations at non-detectable to low levels in wells away from the source areas (MW-2, MW-3, MW-6, and MW-10).

The 2014 field parameter results (Table 2) and TOC results (Table 4) were generally within historical ranges.

Results for TOC in source area wells MW-5 and MW-12 and adjacent wells MW-7 and MW-22 continue to show slightly increased concentrations of TOC. In wells MW-5 and MW-12, methane concentrations continue to be orders of magnitude above pre-injection event concentrations, with the exception of MW-5. For MW-5, the methane concentration has decreased by an order of magnitude from September 2013 to September 2014. Ethene and ethane concentrations continue to be modestly above pre-injection levels (Table 5). Wells adjacent to the MW-5 source area (MW-7 and MW-23) also show that methane concentrations continue to be above pre-injection event concentrations.

Groundwater monitored since CA implementation has generally shown trends indicative of biodegradation in source area wells MW-5 and MW-12 and nearby wells MW-7 and MW-23:

- Initially increased concentrations of TOC after substrate injection with decreasing to steady concentrations of TOC thereafter;

- Steady to somewhat increased concentrations of dissolved gases (methane, and to a lesser degree, ethene and ethane); and

- DO and ORP do not appear to have decreased significantly as would be expected after substrate injections.

Dissolved iron, dissolved manganese, alkalinity, nitrate, and sulfate were monitored during the substrate injection performance monitoring period, which was completed after two years of monitoring in 2013. The final 2013 general chemistry results generally indicated increased concentrations of dissolved iron, dissolved manganese, and alkalinity and decreased concentrations of nitrate and sulfate. These trends were indicative of biodegradation in the MW-5 source area.

Similar to the 2013 results, the concentrations of Dhc, Dhb, and *vcrA* were low (at or less than 10^3 cells/liter or gene copies/liter) in shallow zone source area monitoring well MW-5 and nearby monitoring wells MW-7 and MW-23. Concentrations were also low (less than 10^4 cells/liter or gene copies/liter) in source area monitoring well MW-12. Injection well IW-211 had the highest concentrations of microbes in 2012 but is not currently part of the CMP monitoring network. In general, the concentration of microbes has decreased from both 2011 and 2012.

4.1.2 Deep Groundwater Zone

During the 2014 monitoring period, one or more VOCs were detected above the applicable CULs in eight of the twelve deep monitoring wells sampled in 2014 (MW-13, MW-16, MW-17, MW-19 through MW-22, and MW-27)). VOCs were not detected above the CULs in four of the deep monitoring wells (MW-14, MW-15, MW-18, and MW-28). The number of VOCs detected above the CULs in the remaining eight deep monitoring wells ranged from one (MW-16, MW-19, and MW-27) to eight (MW-21) in the source area. Seven of the 17 IHS VOCs (1,1-DCE, methylene chloride, 1,1-DCA, chloroform, TCA, 1,2-dichloropropane [DCP], and 1,2,4-trimethylbenzene [TMB]) were not detected above their respective CULs in deep groundwater zone wells in 2014. Chloroethane was detected above the CUL most frequently, with detections above CULs in five deep groundwater monitoring wells. Vinyl chloride was also detected above the CUL frequently, with detections four in wells. Benzene was detected above the CUL in three deep groundwater monitoring wells in 2014.

Similar to historical trends, the dominant VOCs detected in the MW-13/MW-21 source area in 2014 were toluene, ethylbenzene, total xylenes, the PCE and TCE breakdown products (cDCE and vinyl chloride), and the TCA breakdown products (1,1- DCA and chloroethane). However, breakdown product concentrations appear to be declining in the source area, particularly cDCE, vinyl chloride, and 1,1-DCA in MW-13. In 2014, the concentrations of vinyl chloride were below the detection limit in MW-13 for both sampling events. As shown in Figures 13 through 18, the highest concentrations of VOCs in the deep groundwater zone generally are in the deep source area (near wells MW-13 and MW-21), with progressively decreasing concentrations of VOCs in downgradient wells. In general, VOC concentrations have decreased at monitoring well MW-13 and MW-22 since 2010, narrowing the extent of the contaminant plume and isolating high concentrations around the source area wells.

The plots of VOCs over time in individual deep groundwater zone monitoring wells (Figures C25-C44, Appendix C) indicate that:

- VOC concentration trends are generally decreasing over time in the source area wells (MW-13 and MW-21) and the well immediately downgradient of the source area (MW-22), with the exception of chloroethane (which has exhibited variable trends over time in both of the source wells) and cDCE and vinyl chloride in MW-22 (which have both increased in concentration since CA implementation in 2011);

- VOC concentrations are variable to decreasing over time in wells further downgradient of the source area (MW-17 and MW-18), with the exception of an increase in breakdown product concentrations (chloroethane in MW-17) and benzene since CA implementation in 2011;

- Concentrations of breakdown products (cDCE, vinyl chloride, and chloroethane) in downgradient well MW-19 have dropped significantly since mid-2013. Breakdown product concentrations were variable from 2004 to 2010, and increased up until mid-2013;

- Chlorinated VOCs in off-property downgradient well MW-20 have been generally stable at low to non-detect concentrations with the exception of chloroethane, which continues to be detected at concentrations around 100 µg/L (greater than the 15 µg/L CUL) and benzene, which continues to be detected at concentrations around 10-15 µg/L (greater than the 0.8 µg/L CUL); and

- VOC concentrations have been steady at non-detectable to low levels in wells away from the source area (MW-14, MW-15, and MW-16).

Plots are not available for new wells MW-27 and MW-28 because data consists of only September 2014 results. However, the data indicates that the wells are installed outside of the deep groundwater plume. No VOCs were detected in MW-27 and MW-28 with the exception of 1,1-dichloroethane in MW-27, which was detected below the CUL.

Plots of chlorinated VOC concentrations along a groundwater flow path through the deep source area for March and September 2014 (Figures C45-C48, Appendix C) generally show the following:

- Non-detectable to low concentrations of VOC parent products (PCE, TCE, and TCA) in all wells along the groundwater flow path;

- Generally decreasing concentrations of degradation by-products (1,1-DCE, cDCE, and vinyl chloride) in wells along the flow path through and downgradient of the treatment area, with the exception 1,1-DCA in downgradient wells MW-19 and MW-20;

- A recent decrease of concentrations of cDCE and vinyl chloride detected in MW-19 and MW-20 September 2014 data, following elevated concentrations in previous years after CA implementation;

- The consistent presence of chloroethane in off-property well MW-20.

The 2014 field parameter results (Table 2) were generally within historical ranges, with continued low DO and ORP results in monitoring wells in and downgradient of the MW-13/MW-21 treatment area. These results indicate continued anaerobic aquifer conditions in the deep aquifer zone.

Past TOC results (Table 3) in the MW-13/MW-21 deep source area indicate initially increased concentrations of TOC after substrate injection with decreasing to steady concentrations of TOC thereafter. Recently the TOC concentrations have decreased in source area monitoring wells MW-13 and MW-21 and nearby downgradient monitoring well MW-22.

Dissolved iron, dissolved manganese, alkalinity, nitrate, and sulfate are not currently monitored consistent with the CMP. However, the last sampling event in 2013 of the substrate injection performance monitoring period indicated that dissolved iron and alkalinity concentrations were steady to somewhat increasing after CA implementation (Table 3).

The concentrations of Dhc and *vcrA* were low to high ($10^3 – 10^7$ cells/liter or gene copies/liter) in source area monitoring well MW-21 and in nearby downgradient monitoring well MW-22, as well as low moderate in source area monitoring well MW-13 ($10^3 – 10^5$ cells/liter). The concentrations of Dhb were moderate (10^6 cells/liter) in source area well MW-21 and nearby downgradient monitoring well MW-22 and low to moderate ($10^3 – 10^6$ cells/liter) in source area well MW-13.

A comparison of microbial concentrations (Dhc, Dhb, and *vcrA*) to vinyl chloride concentrations over time from 2011 to 2014 is presented for select deep wells, MW-13, MW-21, and MW-22 (Figures C49-C51, Appendix C). As shown on these figures, the vinyl chloride concentrations have been reduced to below the CUL in wells MW-13 and MW-22 but remains above the vinyl chloride CUL (0.5 µg/L) in well MW-21.

4.2 ANALYTICAL DATA VALIDATION AND REVIEW

Laboratory data from each event was validated consistent with the USEPA guidelines for organic and inorganic data review (USEPA, 1999 and 2002). In summary, results for some analytes were qualified as estimated and assigned a ‘J’ flag by the laboratory because the results were reported at concentrations above the method detection limit (MDL) but below the method reporting limit (MRL). The data qualifiers for these detections were accepted during data validation and are included in the data tables. Other qualifiers assigned during data validation review included:

- **Lab Report 11742, Microseeps.** The results for ethane and ethene in sample MW-7-032614 and ethene in sample MW-23-032614 were reported between the MDL and the MRL and were qualified by the laboratory as estimated with a ‘J’ flag.

- **Lab Report 11409335, Fremont Analytical.** Data from the VOC analysis of sample MW-21-092414 were qualified and assigned a ‘J’ flag due to a potential high bias indicated by the surrogate recovery results. The chloroform results for samples MW-21-

092414 and MW-15-092414 were qualified as estimated and flagged 'J' due to exceedances of the laboratory control limit on the MS/MSD results. A summary of data qualifiers assigned to this sample set is included below:

Sample ID	Laboratory ID	Analyte	Laboratory Result	Units	Final Result
MW-15-092414	1409335-002	Chloroform	1.00 U	µg/L	1.00 UJ
MW-21-092414	1409335-025	1,1-Dichloroethane	60.0	µg/L	60.0 J
		1,2-Dichloropropane	2.29	µg/L	2.29 J
		1,2,4-Trimethylbenzene	317	µg/L	317 J
		Benzene	0.810	µg/L	0.810 J
		Chloroethane	477	µg/L	477 J
		Chloroform	1.00 U	µg/L	1.00 UJ
		Cis-1,2-Dichloroethene	57.9	µg/L	57.9 J
		Ethylbenzene	1,670	µg/L	1,670 J
		m, p-Xylene	6,410	µg/L	6,410 J
		Methylene Chloride	1.36	µg/L	1.36 J
		o-Xylene	1,490	µg/L	1,490 J
		Toluene	1,480	µg/L	1,480 J
		Vinyl Chloride	184	µg/L	184 J

- **Lab Report S-3368, SiREM Laboratory.** The low concentration positive control sample was spiked with *vcrA* gene copies and the spike recovery (175%) was above the control limits of 50 to 150%. *vcrA* results for samples MW-21-092414, MW-19-092514, MW-12-092314, MW-22-092414, and MW-13-092314 were qualified as estimated and flagged 'J' based upon the low concentration positive control sample results. For Dhb analysis, the low concentration positive control sample was spiked with Dhb *rRNA* gene copies and the spike recovery (267%) was above the control limits of 50 to 150%. Dhb results for samples MW-21-092414, MW-12-092314, and MW-22-092414 were qualified as estimated and flagged 'J' based upon the low concentration positive control sample results.

Sample ID	Laboratory ID	Analyte	Laboratory Result	Units	Final Result
MW-21-092414	VCR-5117	Percent *vcrA*	0.2 - 0.7	%	0.2 - 0.7 J
		vcrA Enumeration	2×10^6	Cells/Liter	2×10^6 J
MW-21-092414	DHB-1253	Percent Dhb	0.003 - 0.01	%	0.003 - 0. 01 J
		Dhb Enumeration	4×10^4	Cells/Liter	4×10^4 J
MW-19-092514	VCR5118	Percent *vcrA*	0.06 - 0. 2	%	0.06 - 0. 2 J
		vcrA Enumeration	4×10^5	Cells/Liter	4×10^5 J
MW-12-092314	VCR5119	Percent *vcrA*	0.001 – 0.004	%	0.001 – 0.004 J
		vcrA Enumeration	9×10^3	Cells/Liter	9×10^3 J
MW-12-092314	DHB-1257	Percent Dhb	0.0002 – 0.0006	%	0.0002 – 0.0006 J
		Dhb Enumeration	1×10^3	Cells/Liter	1×10^3 J
MW-22-092414	VCR5120	Percent *vcrA*	0.1 – 0.3	%	0.1 – 0.3 J
		vcrA Enumeration	9×10^5	Cells/Liter	9×10^5 J
MW-22-092414	DHB-1259	Percent Dhb	0.0002 – 0.0005	%	0.0002 – 0.0005 J
		Dhb Enumeration	1×10^3	Cells/Liter	1×10^3 J
MW-13-092314	VCR5121	Percent *vcrA*	0.09 – 0.3	%	0.09 – 0.3 J
		vcrA Enumeration	7×10^5	Cells/Liter	7×10^5 J

- **Lab Report 13480, Microseeps.** The results for ethane and ethene in sample MW-7-092514 and ethene in sample MW-23-092514 were reported between the method detection limit and the MRL and were qualified by the laboratory as estimated with a 'J' flag.

No additional qualifications of the data were required. The data validation reviews concluded that all data (including the qualified data) were judged to be acceptable for their intended use. Copies of the laboratory analytical reports and corresponding data validation memoranda for each sampling event are presented in Appendix E.

5.0 SOIL SAMPLING RESULTS

Cascade Drilling, Inc. advanced and installed new downgradient monitoring wells MW-27 and MW-28 on September 11 and 12, 2014. MW-27 is located in the sidewalk across South 212th Street from the Univar facility and north of the deep source area. MW-28 is located on Univar property and northwest of the deep source area. The MW-27 and MW-28 well installations were completed to depths of 48 ft bgs and 45 ft bgs, respectively. Both wells are intended to further delineate the deep groundwater plume.

Soil samples were collected primarily for characterization of soil cuttings for disposal. One soil sample was collected from the MW-27 boring at the depth interval of 20-21 ft bgs, and two soil samples were collected from the MW-28 boring at depth intervals of 15-16 ft bgs and 40-41 ft bgs. Two samples were planned to be collected from MW-27; however, a second sample could not be collected due to encountering heaving sands. Soil samples were submitted for analysis of VOCs. VOCs were not detected in the three soil borings, with the exception of low concentrations of acetone in each soil sample. Appendix D includes the monitoring well logs for MW-27 and MW-28, acetone results of soil samples, and monitoring well completion details.

6.0 CONCLUSIONS

6.1 SHALLOW GROUNDWATER ZONE

VOC concentrations in the shallow groundwater zone in 2014 were generally consistent with historical results, with the highest concentrations of VOCs in the two source areas and significantly lower VOC concentrations in wells a relatively short distance away. In 2014, the generally decreasing VOC concentration trends continued except for recent increases in breakdown product concentrations reflecting the degradation of parent products in the source areas. The 2014 general chemistry and dissolved gas results in both shallow source areas suggest that biodegradation is occurring.

6.2 DEEP GROUNDWATER ZONE

In 2014, the highest deep aquifer zone VOC concentrations continued to be found in the source area, with generally decreasing concentrations of VOCs in downgradient wells. The deep zone VOC plume was stable to slightly smaller than the 2013 plume, with areas of high concentrations decreasing in 2014. VOC concentrations in the source area continued to decrease in 2014, and concentrations of TOC and dissolved gases continue to suggest that biodegradation is occurring in the deep aquifer zone. Concentrations of TOC, Dhc, *vcrA*, and Dhb suggest that sufficient substrate and chlorinated VOC-degrading microbes are present to support biodegradation. New wells MW-27 and MW-28 appear to have delineated the width of the deeper groundwater plume. Off-site well MW-20 continues to have reported benzene and chloroethane concentrations above the CULs, consistent with concentrations observed prior to the CA.

7.0 REFERENCES

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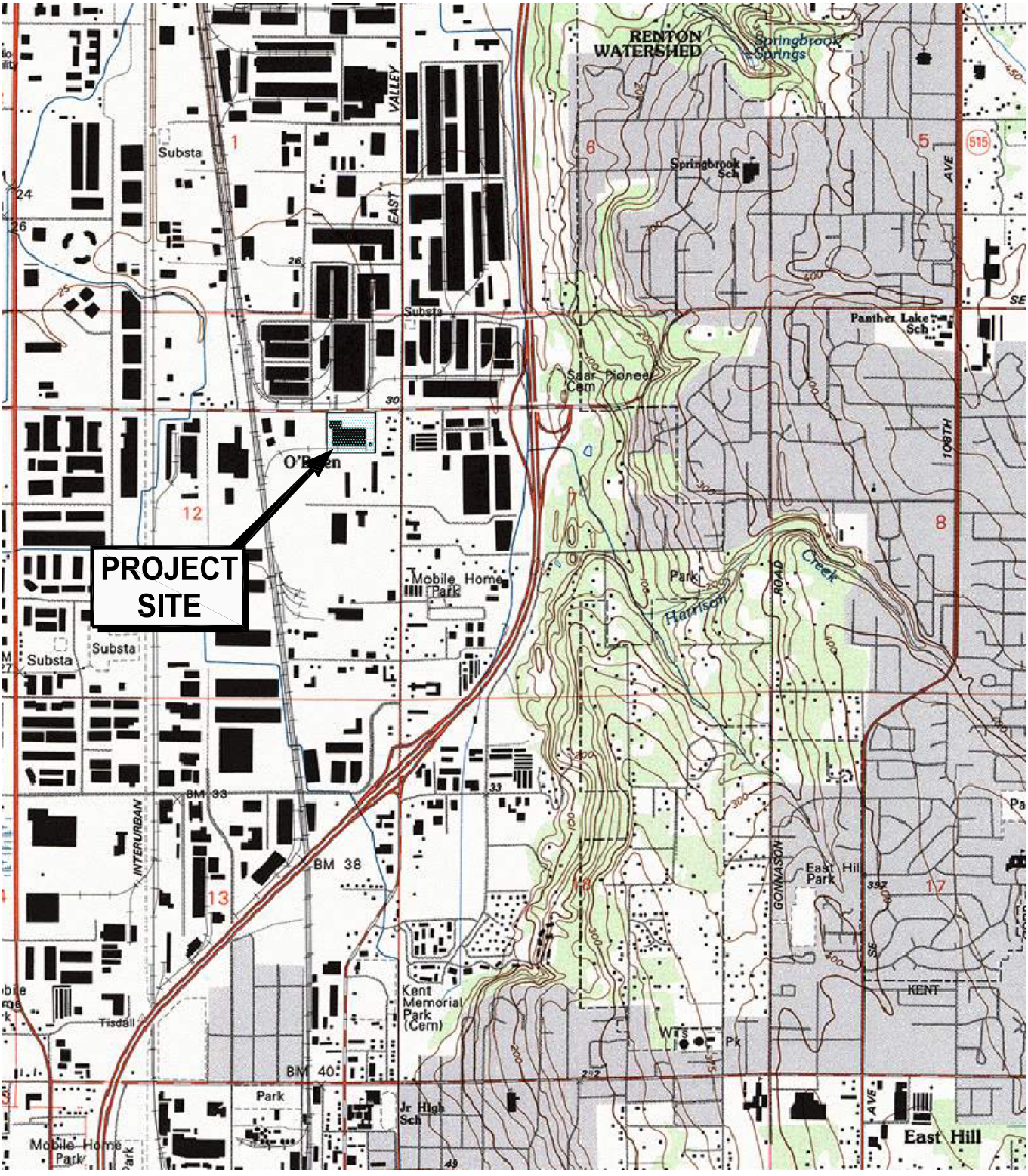
FIGURES



U.S.G.S. Topo Map - Renton, Washington 7.5-minute quadrangle.1994

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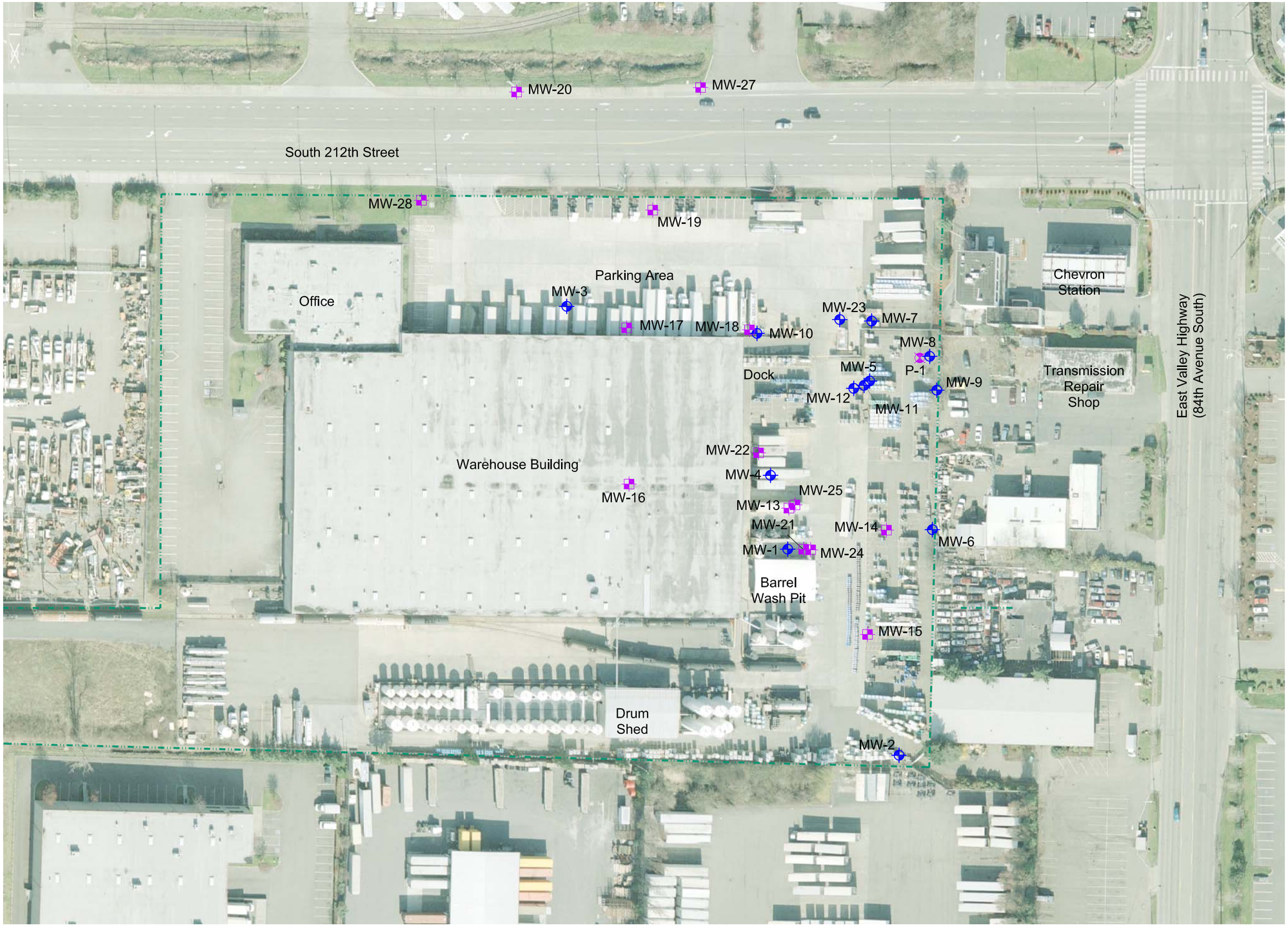
Mod: 02/17/2015, 08:23 | Plotted: 02/17/2015, 08:24 | john_knobbs

URS

Figure 1
Site Location Map

Univar USA Inc.
8201 S. 212th Street
Kent,Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



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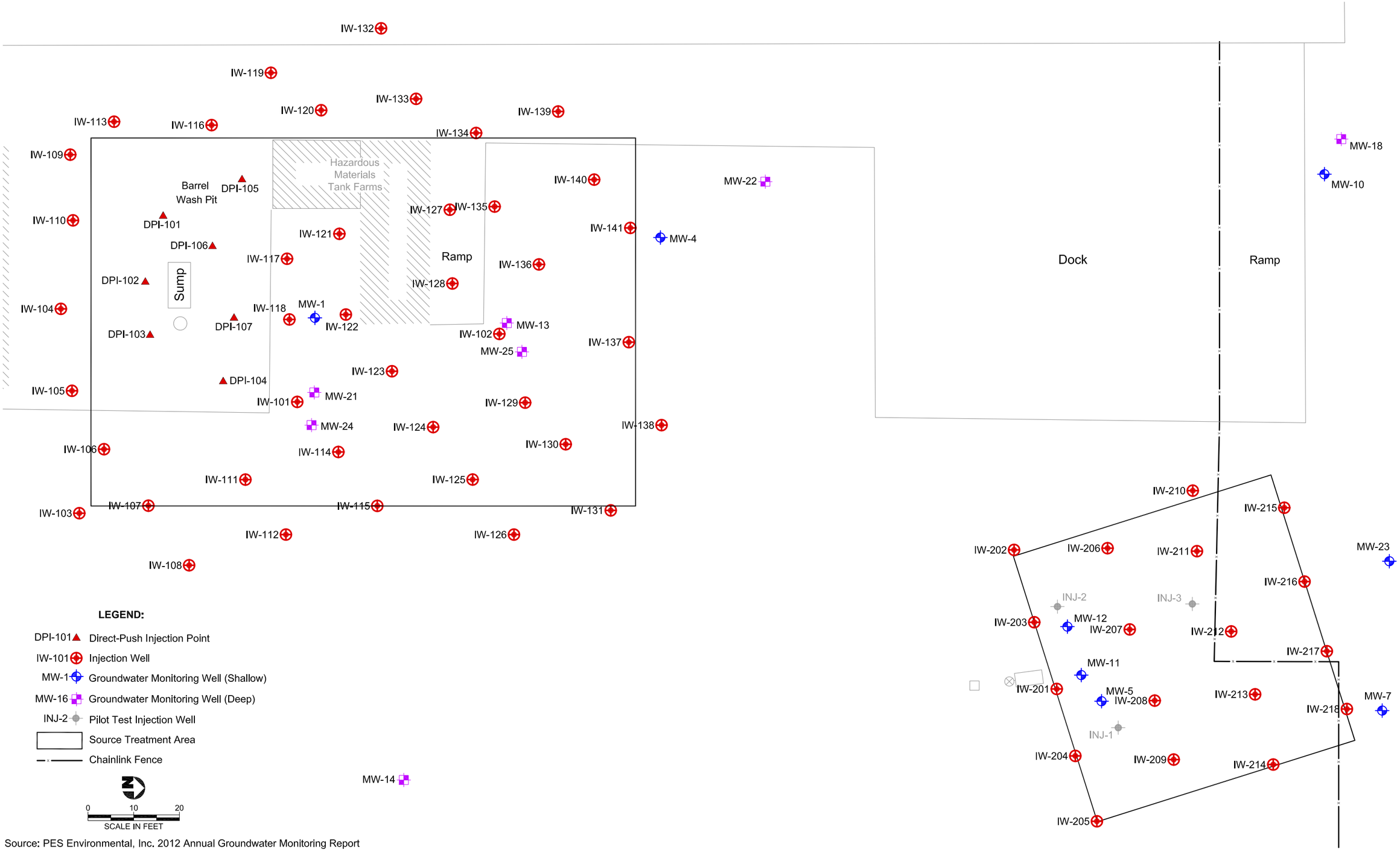
URS

Figure 2
Groundwater Monitoring Network

Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



Source: PES Environmental, Inc. 2012 Annual Groundwater Monitoring Report

J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 3 MW_Inj Well Layout.dwg
Mod: 02/23/2015, 07:43 | Plotted: 02/23/2015, 07:44 | JOHN_KNOBBS

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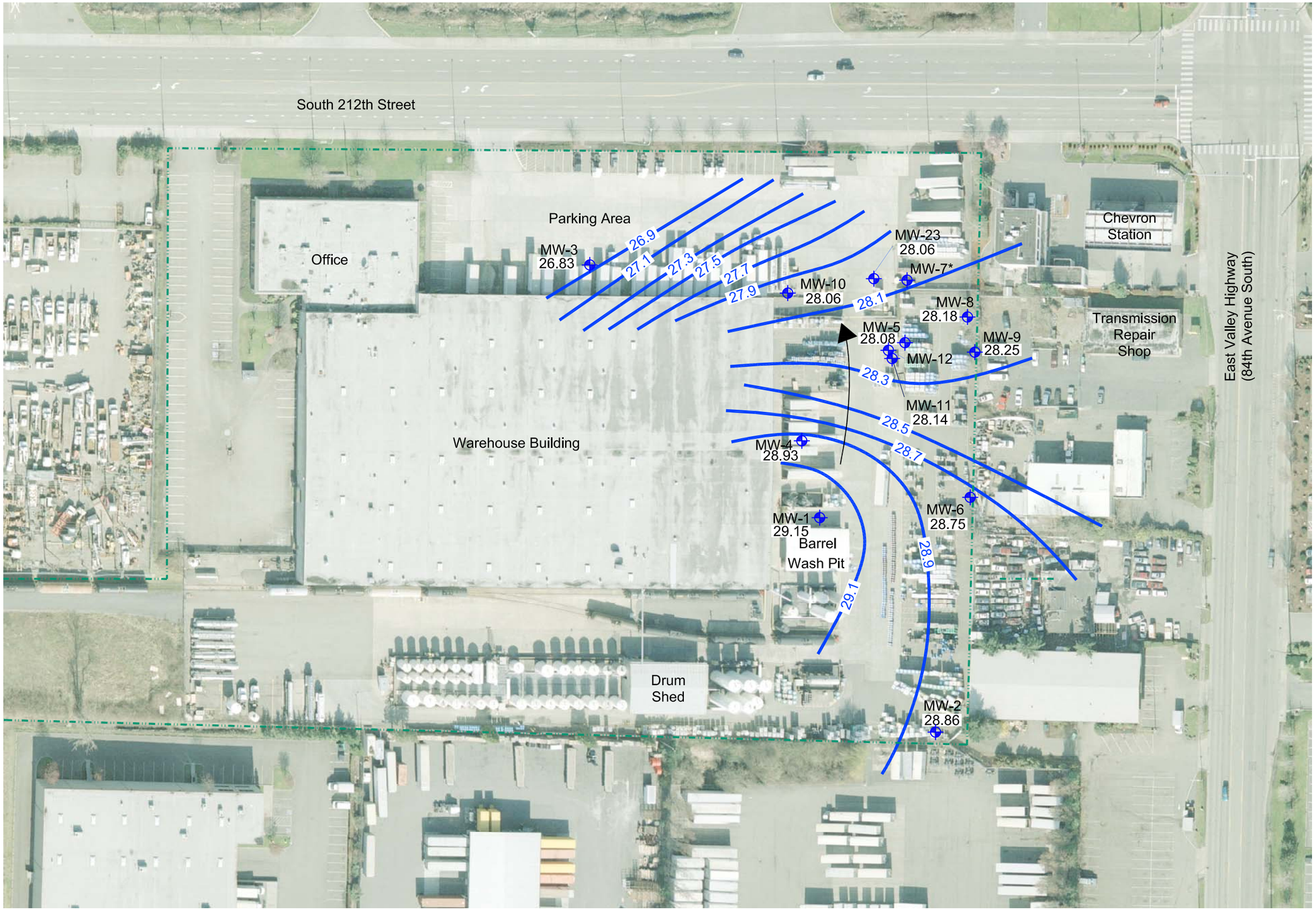
Figure 3
Monitoring Well and Injection Well Layout
Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



LEGEND:

- MW-1 — Shallow Groundwater Monitoring Well Location
- Approximate Property Boundary
- Groundwater Contours (feet above mean sea level)
- Inferred Groundwater Flow

* Groundwater Elevation for MW-7 Not Used for Contour Map

0 50 100
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J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 4 GW Contours Shallow March.dwg
Mod: 02/24/2015, 15:56 | Plotted: 02/24/2015, 15:57 | JOHN_KNOBBS

URS

Figure 4
Groundwater Contour Map Shallow Zone - March 25, 2014

Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT

J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 5 GW Contours Shallow Sept.dwg
Mod: 02/24/2015, 16:14 | Plotted: 02/25/2015, 07:47 | JOHN_KNOBBS

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Figure 5
Groundwater Contour Map
Shallow Zone - September 22, 2014

Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT

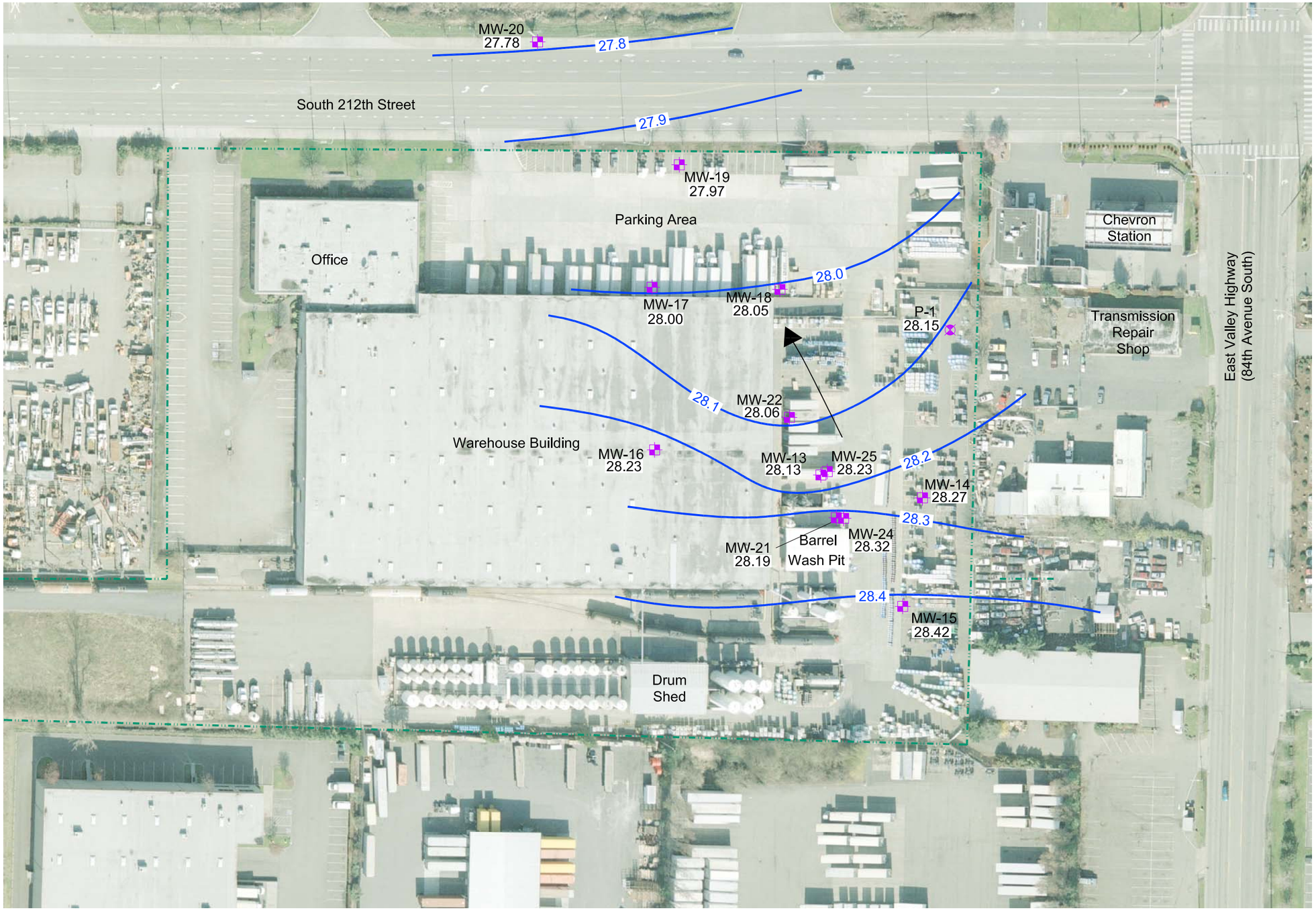

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Figure 6
Groundwater Contour Map
Deep Zone - March 25, 2014

Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT

J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 7 GW Contours Deep Sept.dwg
Mod: 02/24/2015, 16:02 | Plotted: 02/24/2015, 16:03 | JOHN_KNOBBS

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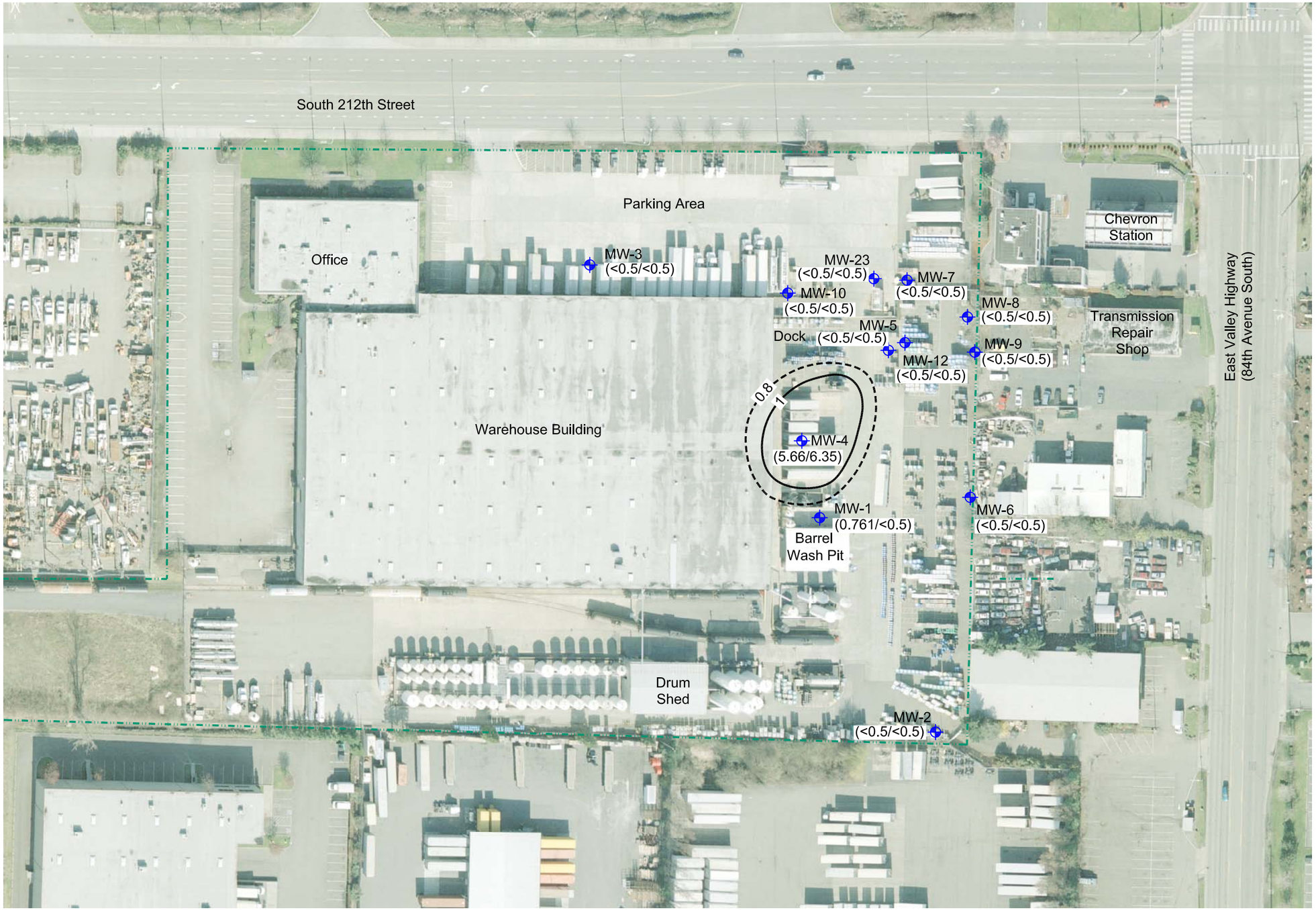
Figure 7
Groundwater Contour Map
Deep Zone - September 22, 2014

Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



LEGEND:

- MW-1 — Shallow Groundwater Monitoring Well
- Approximate Property Boundary
- Isoconcentration Contour Based on Highest Detected Concentration (ug/L)
- Benzene Groundwater Cleanup Level Contour (0.8 ug/L)
- (<0.5/<0.5) — Concentration of Benzene in Groundwater (March/Sept 2014)
- < — Less than the Concentration Shown
- J — Estimated Concentration

Note: All Concentrations in ug/L

NT

0 50 100

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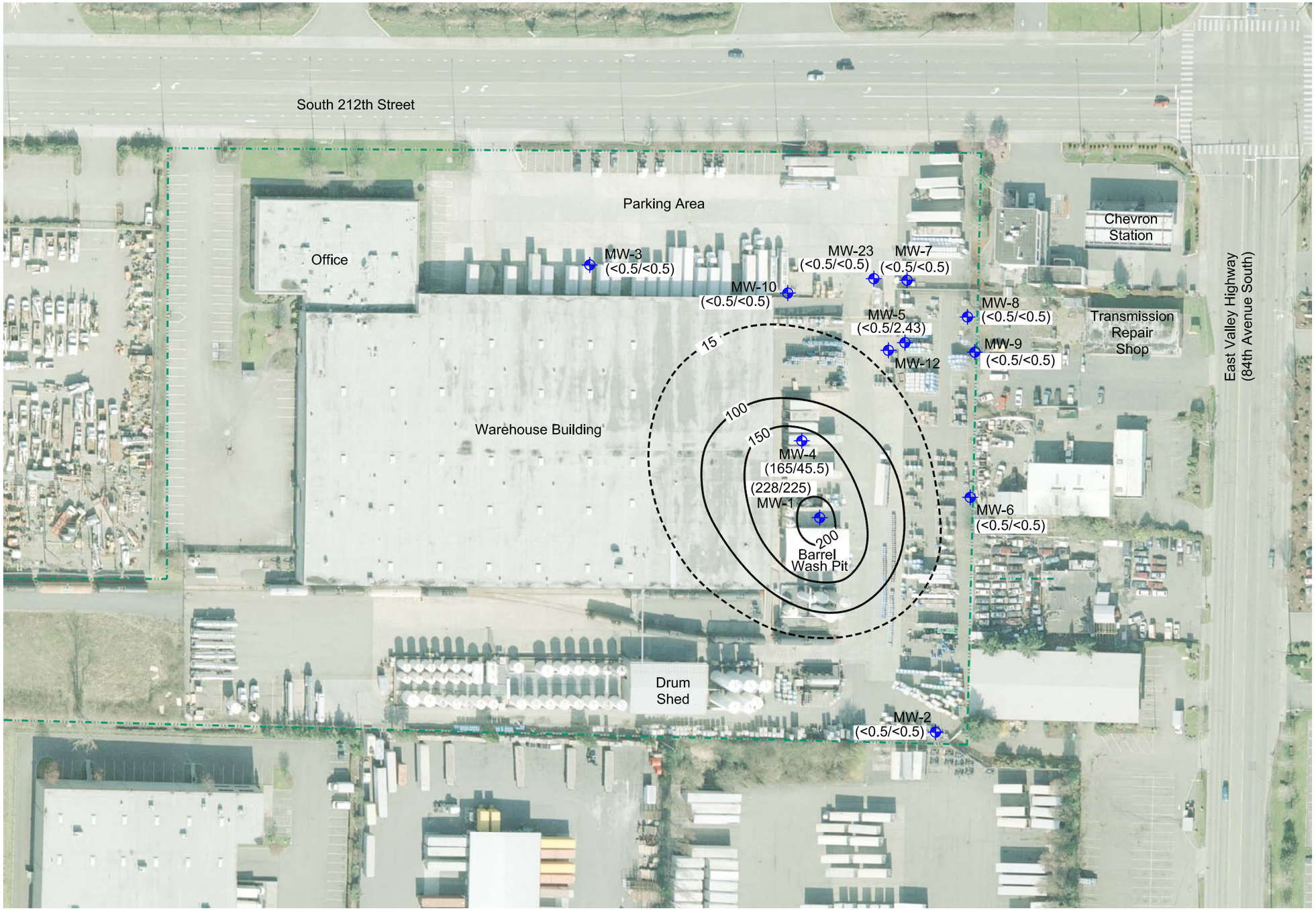
URS

Figure 8

Benzene Concentrations in Shallow Groundwater

Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



LEGEND:

- MW-1 — Shallow Groundwater Monitoring Well
- Approximate Property Boundary
- Isoconcentration Contour Based on Highest Detected Concentration (ug/L)
- Chloroethane Groundwater Cleanup Level Contour (15 ug/L)
- (<0.5/<0.5) — Concentration of Chloroethane in Groundwater (March/Sept 2014)
- < — Less than the Concentration Shown
- J — Estimated Concentration

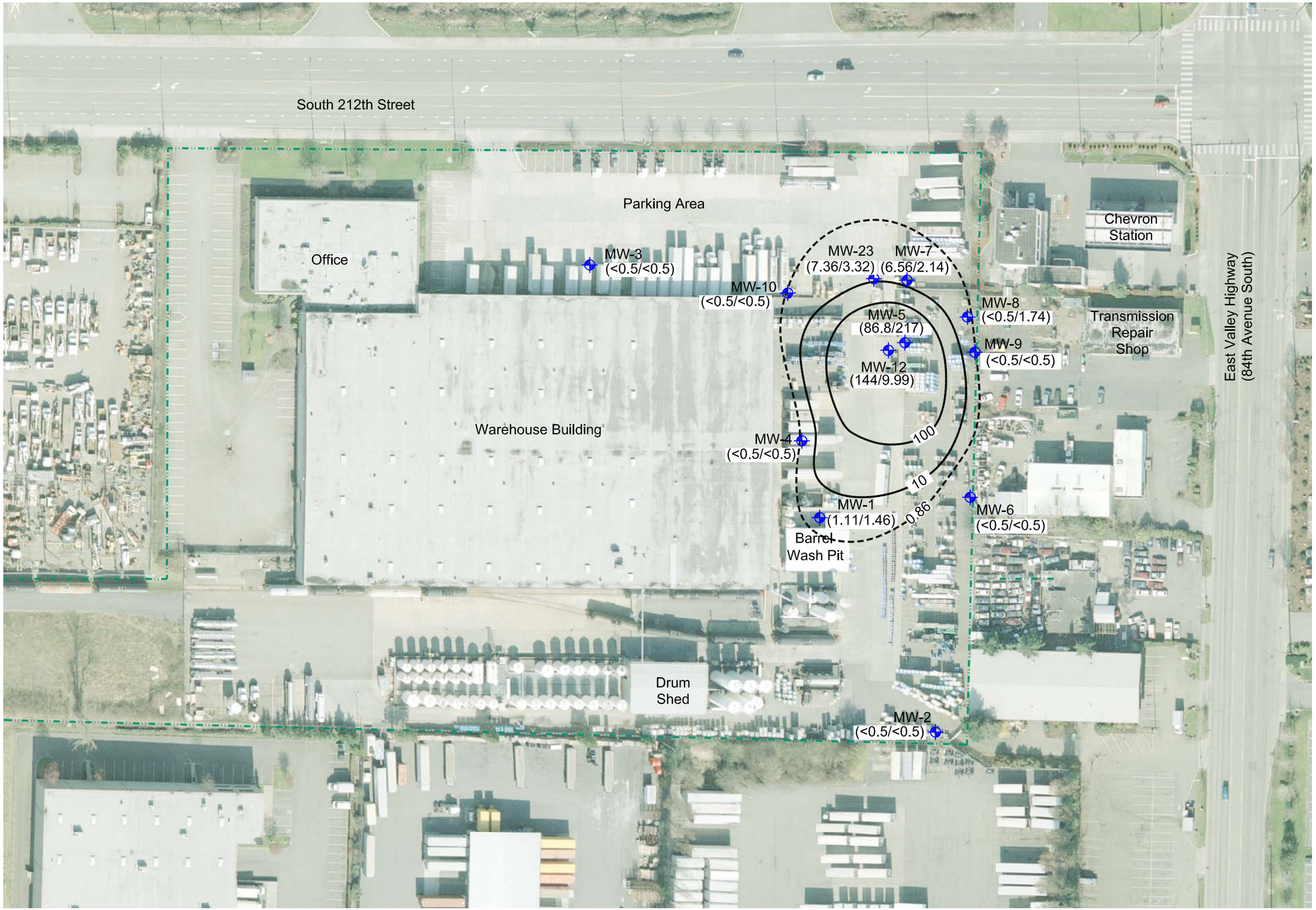
Note: All Concentrations in ug/L

0 50 100
SCALE IN FEET

J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 9 Chloro Shallow GW.dwg
Mod: 02/19/2015, 13:46 | Plotted: 02/19/2015, 13:47 | john_knobbs

URS

Figure 9
Chloroethane Concentrations in Shallow Groundwater
Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



LEGEND:

- MW-1 — Shallow Groundwater Monitoring Well
- Approximate Property Boundary
- Isoconcentration Contour Based on Highest Detected Concentration (ug/L)
- Tetrachloroethene Groundwater Cleanup Level Contour (0.86 ug/L)
- (<0.5/<0.5) — Concentration of Tetrachloroethene in Groundwater (March/Sept 2014)
- < — Less than the Concentration Shown
- J — Estimated Concentration

Note: All Concentrations in ug/L

N

0 50 100

SCALE IN FEET

J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 10 Tetra Shallow GW.dwg
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URS

Figure 10

Tetrachloroethene Concentrations in Shallow Groundwater

Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT

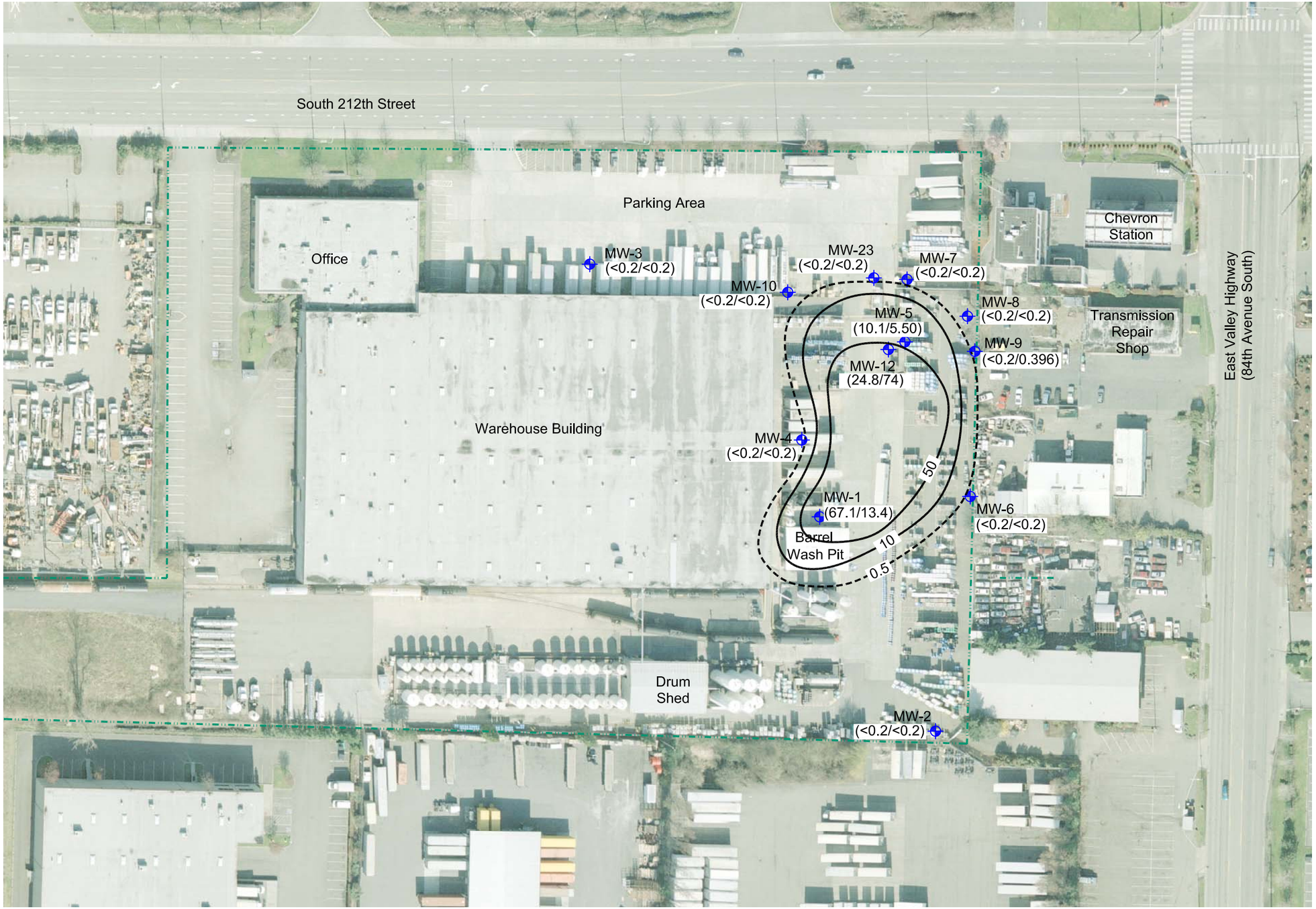
J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 11 Trichlor Shallow GW.dwg
Mod: 02/19/2015, 13:55 | Plotted: 02/24/2015, 16:09 | JOHN_KNOBBS

URS

Figure 11

Trichloroethene Concentrations in Shallow Groundwater

Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



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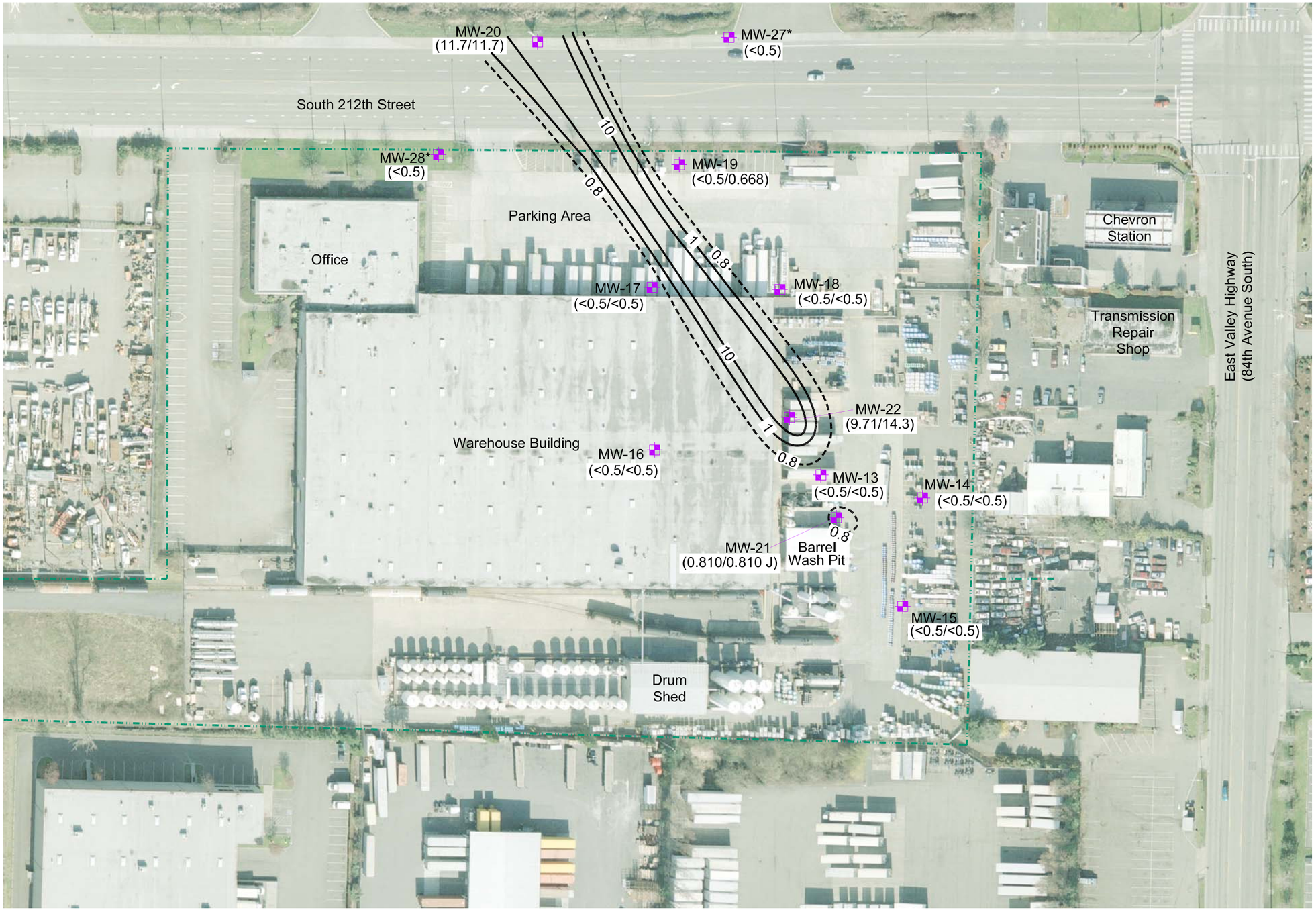
URS

Figure 12

Vinyl Chloride Concentrations in Shallow Groundwater

Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



LEGEND:

- MW-16 — Deep Groundwater Monitoring Well
- Approximate Property Boundary
- Isoconcentration Contour Based on Highest Detected Concentration (ug/L)
- Benzene Groundwater Cleanup Level Contour (0.8 ug/L)
- (<0.5/<0.5) — Concentration of Benzene in Groundwater (March/Sept 2014)
- (<0.5) — Concentration of Benzene in Groundwater (Sept 2014)
- * — MW-27 and MW-28 Were Installed in Sept. 2014
- < — Less than the Concentration Shown
- J — Estimated Concentration

Note: All Concentrations in ug/L

0 50 100
SCALE IN FEET

J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 13 Benzene Deep GW.dwg
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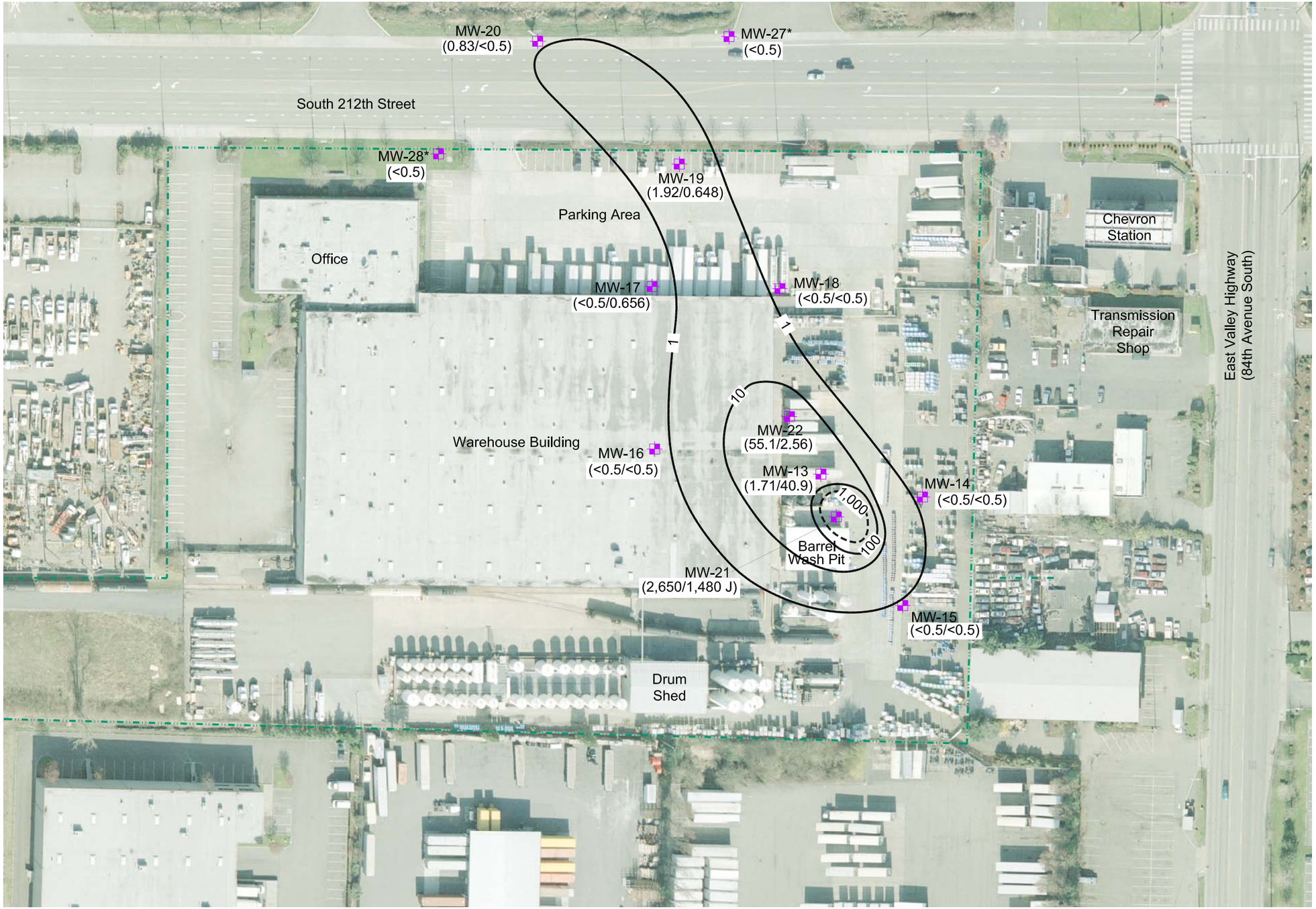
URS

Figure 13
Benzene Concentrations in Deep Groundwater
Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



LEGEND:

- MW-16 — Deep Groundwater Monitoring Well
- Approximate Property Boundary
- Isoconcentration Contour Based on Highest Detected Concentration (ug/L)
- Toulene Groundwater Cleanup Level Contour (1,000 ug/L)
- (<0.5/<0.5) — Concentration of Toulene in Groundwater (March/Sept 2014)
- (<0.5) — Concentration of Toulene in Groundwater (Sept 2014)
- * — MW-27 and MW-28 Were Installed in Sept. 2014
- < — Less than the Concentration Shown
- J — Estimated Concentration

Note: All Concentrations in ug/L

0 50 100
SCALE IN FEET

J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 14 Toulene Deep GW.dwg
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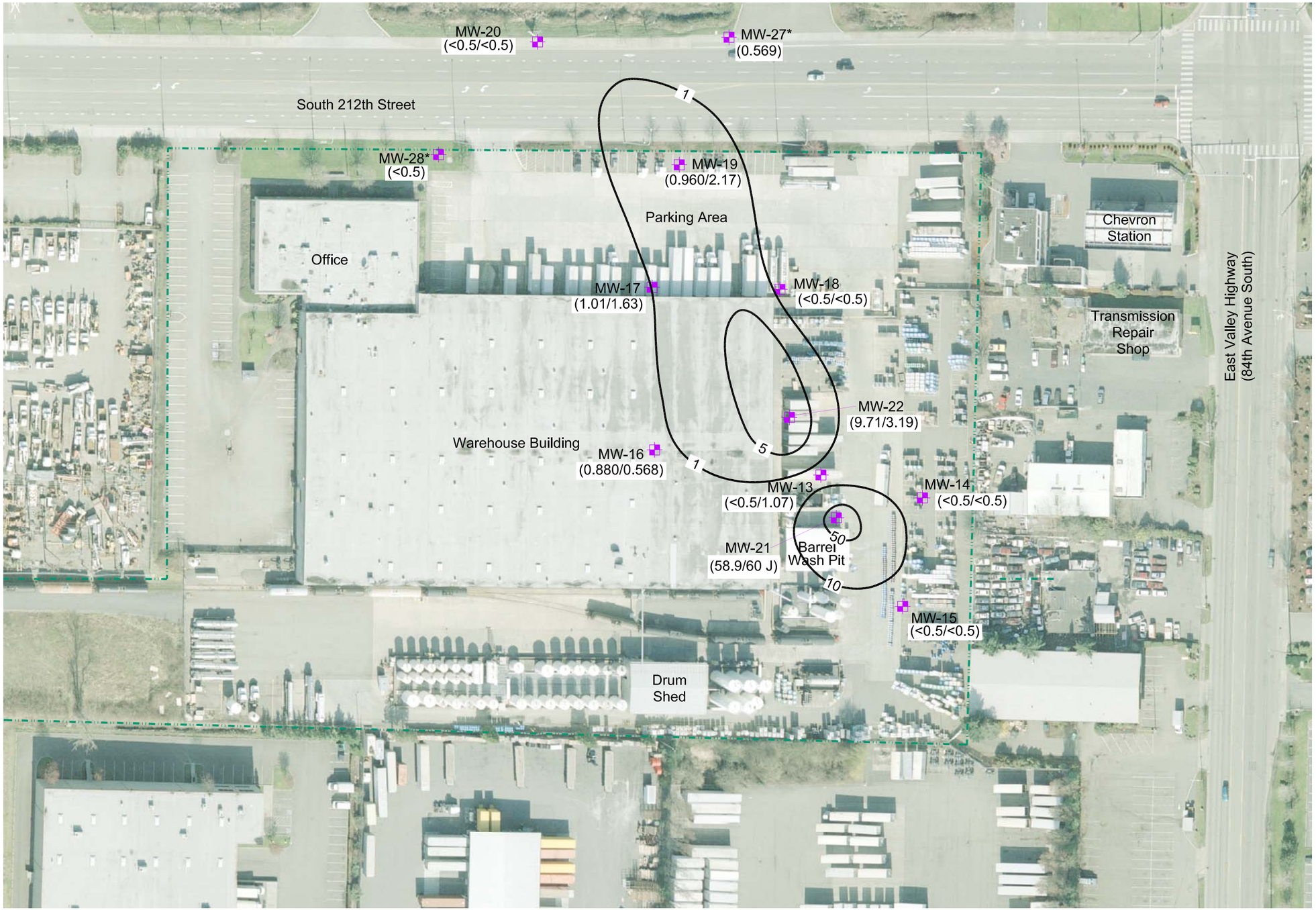
URS

Figure 14
Toulene Concentrations in Deep Groundwater
Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



LEGEND:

- MW-16 — Deep Groundwater Monitoring Well
- Approximate Property Boundary
- Isoconcentration Contour Based on Highest Detected Concentration (ug/L)
- 1,1-Dichloroethane Groundwater Cleanup Level Contour (800 ug/L)
- (<0.5/<0.5) — Concentration of 1,1-Dichloroethane in Groundwater (March/Sept 2014)
- (<0.5) — Concentration of 1,1-Dichloroethane in Groundwater (Sept 2014)
- * — MW-27 and MW-28 Were Installed in Sept. 2014
- < — Less than the Concentration Shown
- J — Estimated Concentration

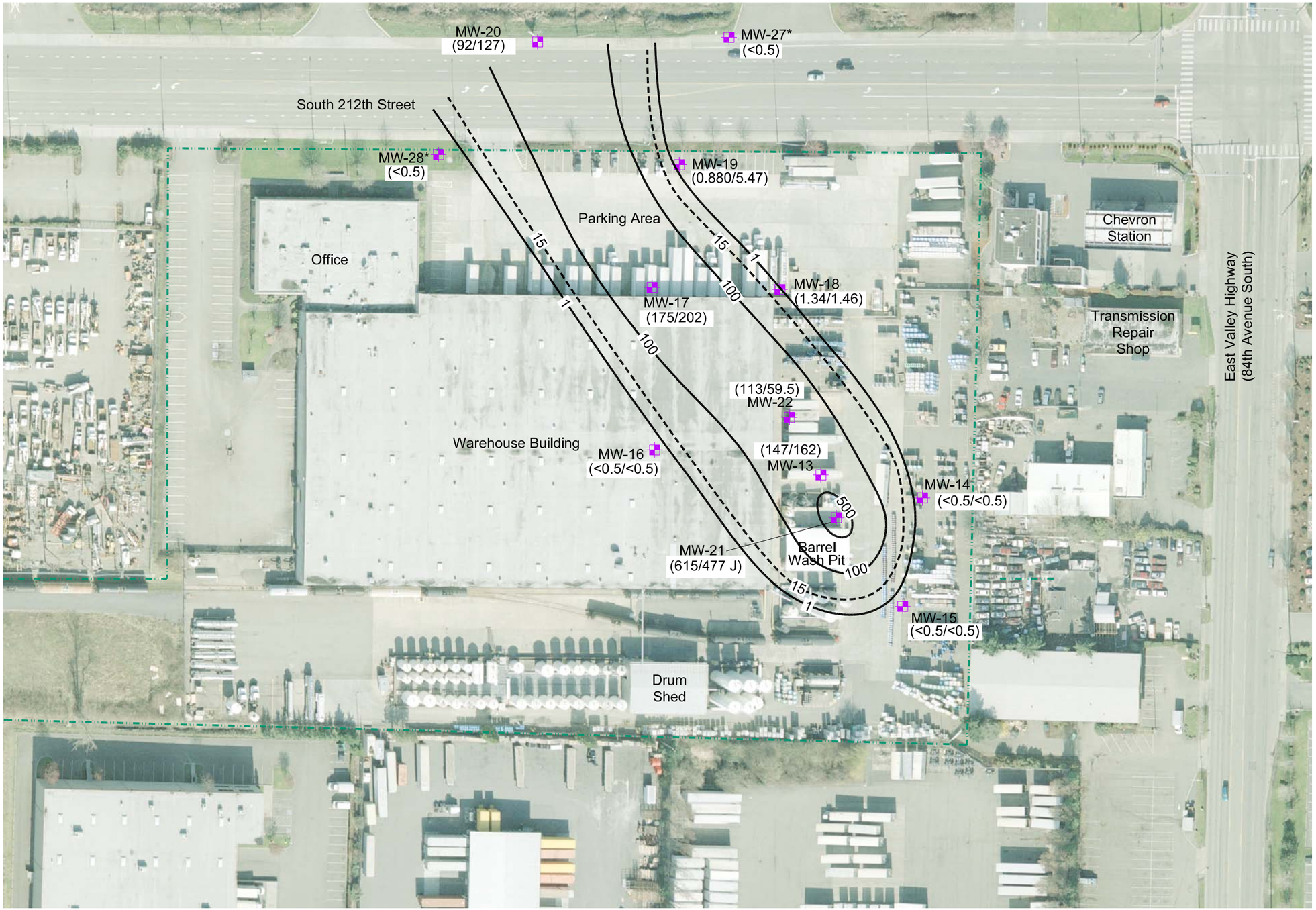
Note: All Concentrations in ug/L

0 50 100
SCALE IN FEET

J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 15 1,1 Dichlor Deep GW.dwg
Mod: 02/24/2015, 15:09 | Plotted: 02/24/2015, 15:10 | JOHN_KNOBBS

URS

Figure 15
1,1-Dichloroethane Concentrations in Deep Groundwater
Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



LEGEND:

- MW-16 — Deep Groundwater Monitoring Well
- Approximate Property Boundary
- Isoconcentration Contour Based on Highest Detected Concentration (ug/L)
- Chloroethane Groundwater Cleanup Level Contour (15 ug/L)
- (<0.5/<0.5) — Concentration of Chloroethane in Groundwater (March/Sept 2014)
- (<0.5) — Concentration of Chloroethane in Groundwater (Sept 2014)
- * — MW-27 and MW-28 Were Installed in Sept. 2014
- < — Less than the Concentration Shown
- J — Estimated Concentration

Note: All Concentrations in ug/L

J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 16 Chloro Deep GW.dwg
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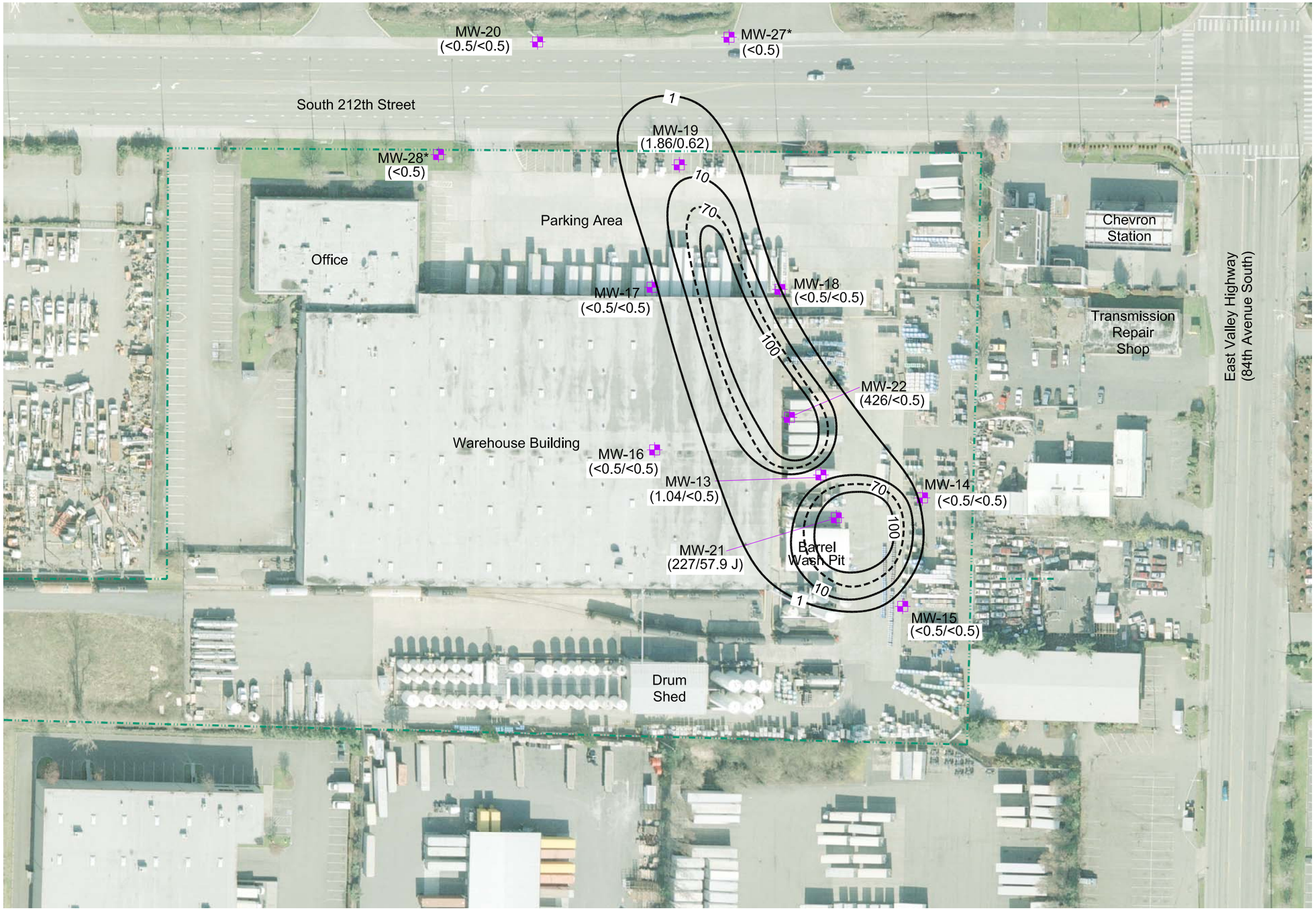
URS

Figure 16

Chloroethane Concentrations in Deep Groundwater

Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



LEGEND:

- MW-16 — Deep Groundwater Monitoring Well
- Approximate Property Boundary
- Isoconcentration Contour Based on Highest Detected Concentration (ug/L)
- cis-1,2-Dichloroethene Groundwater Cleanup Level Contour (70 ug/L)
- (<0.5/<0.5) — Concentration of cis-1,2-Dichloroethene in Groundwater (March/Sept 2014)
- (<0.5) — Concentration of cis-1,2-Dichloroethene in Groundwater (Sept 2014)
- * — MW-27 and MW-28 Were Installed in Sept. 2014
- < — Less than the Concentration Shown
- J — Estimated Concentration

Note: All Concentrations in ug/L

N

0 50 100

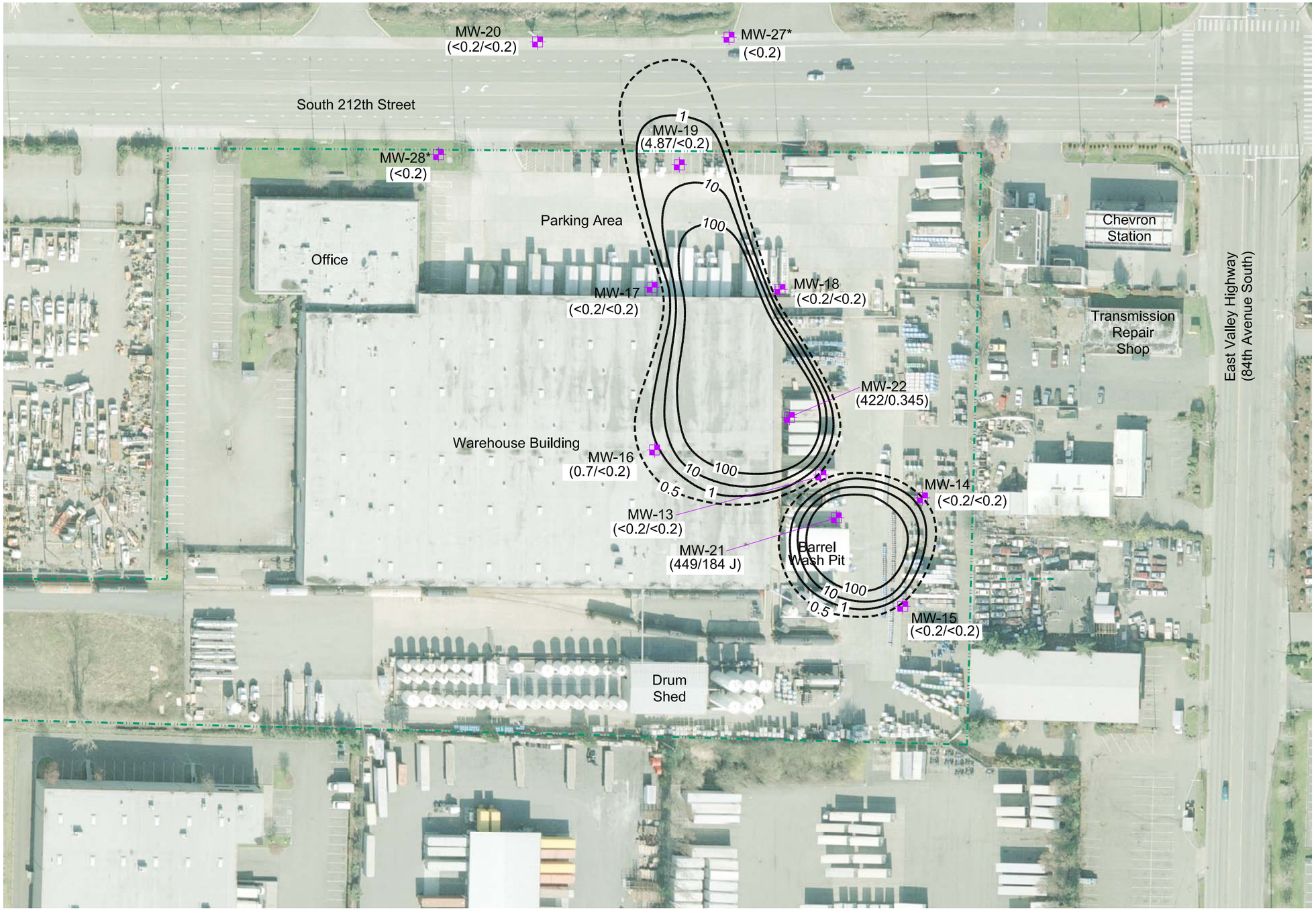
SCALE IN FEET

J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 17 cis 1,2 Deep GW.dwg
Mod: 02/24/2015, 15:16 | Plotted: 02/24/2015, 15:16 | JOHN_KNOBBS

URS

Figure 17
cis-1,2-Dichloroethene Concentrations in Deep Groundwater

Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT



LEGEND:

- MW-16 — Deep Groundwater Monitoring Well
- Approximate Property Boundary
- Isoconcentration Contour Based on Highest Detected Concentration (ug/L)
- Vinyl Chloride Groundwater Cleanup Level Contour (0.5 ug/L)
- (<0.2/<0.2) — Concentration of Vinyl Chloride in Groundwater (March/Sept 2014)
- (<0.2) — Concentration of Vinyl Chloride in Groundwater (Sept 2014)
- * — MW-27 and MW-28 Were Installed in Sept. 2014
- < — Less than the Concentration Shown
- J — Estimated Concentration

Note: All Concentrations in ug/L

N

0 50 100

SCALE IN FEET

J:\GIS\Projects\UNIVAR\Kent\SubTasks\Groundwater Monitoring\2014 Annual\GW Mon Report\Fig 18 Vinyl Deep GW.dwg
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URS

Figure 18

Vinyl Chloride Concentrations in Deep Groundwater

Univar USA Inc.
8201 S. 212th Street
Kent, Washington
2014 ANNUAL GROUNDWATER MONITORING REPORT

TABLES

Table 1
Groundwater Elevations
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
Shallow On-Site Monitoring Wells					
MW-1	33.15	03/25/14	12:50	4.00	29.15
		09/22/14	15:25	6.10	27.05
MW-2	33.79	03/25/14	12:38	4.93	28.86
		09/22/14	15:16	7.60	26.19
MW-3	32.94	03/25/14	11:46	6.11	26.83
		09/22/14	16:00	7.20	25.74
MW-4	32.86	03/25/14	13:02	3.93	28.93
		09/22/14	15:29	6.37	26.49
MW-5	32.60	03/25/14	12:02	4.52	28.08
		09/22/14	16:23	6.80	25.80
MW-6	33.05	03/25/14	12:26	4.30	28.75
		09/22/14	15:21	7.80	25.25
MW-7	32.96	03/25/14	11:58	4.48	28.48
		09/22/14	12:05	7.17	25.79
MW-8	33.57	03/25/14	12:22	5.39	28.18
		09/22/14	16:27	7.72	25.85
MW-9	33.77	03/25/14	12:14	5.52	28.25
		09/22/14	16:31	7.90	25.87
MW-10	32.89	03/25/14	11:42	4.83	28.06
		09/22/14	16:38	7.05	25.84
MW-11	32.79	03/25/14	12:10	4.65	28.14
MW-12	32.81	03/25/14	12:06	4.69	28.12
		09/22/14	16:19	6.98	25.83
MW-23	32.78	03/25/14	11:54	4.72	28.06
		09/22/14	16:35	6.96	25.82
Deep On-Site Monitoring Wells and Deep On-Site Piezometer					
MW-13	32.81	03/25/14	13:55	4.62	28.19
		09/22/14	15:03	6.88	25.93
MW-14	32.60	03/25/14	13:59	4.33	28.27
		09/22/14	15:10	6.67	25.93
MW-15	32.57	03/25/14	14:03	4.15	28.42
		09/22/14	15:42	6.51	26.06
MW-16	36.92	03/25/14	14:07	8.69	28.23
		09/22/14	15:40	11.05	25.87
MW-17	32.60	03/25/14	14:11	4.60	28.00
		09/22/14	13:43	6.82	25.78
MW-18	32.73	03/25/14	14:16	4.68	28.05
		09/22/14	13:48	6.91	25.82
MW-19	33.52	03/25/14	14:24	5.55	27.97
		09/22/14	13:40	7.74	25.78
MW-21	32.86	03/25/14	14:28	4.67	28.19
		09/22/14	15:07	6.96	25.90

Table 1
Groundwater Elevations
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-22	33.18	03/26/14	11:05	5.12	28.06
		09/22/14	14:53	7.35	25.83
MW-24	32.74	03/25/14	12:42	4.42	28.32
		09/22/14	15:06	6.81	25.93
MW-25	32.80	03/25/14	12:54	4.57	28.23
		09/22/14	15:01	6.86	25.94
P-1	33.62	03/25/14	12:18	5.47	28.15
		09/22/14	16:25	7.75	25.87
Deep Off-Site Monitoring Well					
MW-20	33.15	03/25/14	14:24	5.37	27.78
		09/22/14	16:59	7.46	25.69
MW-27	32.98	09/22/14	16:56	7.37	25.61
MW-28	34.63	09/22/14	13:29	9.02	25.61

NOTE: Depth = depth to water relative to the top of casing
Elev. = elevation relative to NAVD 88
* = anomalous field reading; measurement not used for contouring
NR = not recorded.
NM = not measured.

Table 2

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-1	03/29/10	6.97	842	11.4	NM	0.30	-8
	09/30/10	7.26	937	17.2	NM	0.24	-10
	03/03/11	7.49	510	9.2	7.0	0.23	-13
	09/23/11	6.61	523	18.0	3.0	0.10	-106
	03/08/12	6.99	494	8.2	7.9	0.22	-44
	10/01/12	6.56	507	15.5	5.7	0.22	349[a]
	03/06/13	6.84	820	9.6	14.5	0.20	-7
	09/24/13	6.78	496	18.5	55.3	0.20	-84
	03/26/14	7.21	991	10.5	1.2	0.00	-129
	09/23/14	6.49	698	19.7	2.3	0.55	-126
MW-2	03/26/10	6.49	390	12.6	NM	0.82	7
	09/30/10	6.68	556	16.4	NM	0.28	27
	03/08/11	6.87	441	12.7	85.0	0.17	8
	09/21/11	6.30	443	18.0	9.8	0.09	-91
	03/06/12	6.56	396	11.2	NM	0.67	-65
	09/28/12	6.45	382	17.2	NM	0.29	342[a]
	03/07/13	6.48	480	12.4	NM	0.15	20
	09/24/13	6.63	349	16.8	90.7	0.20	-50
	03/26/14	6.99	495	13.8	7.2	0.00	-106
	09/24/14	6.32	547	17.4	4.3	0.00	-119
MW-3	03/30/10	6.85	601	11.6	NM	0.99	-5
	09/28/10	6.98	647	15.6	NM	0.28	8
	03/07/11	7.33	426	12.1	2.0	0.20	32
	09/21/11	6.71	556	16.3	1.4	0.03	-127
	03/06/12	6.97	497	10.7	NM	0.11	-1
	10/01/12	6.81	519	16.2	NM	0.20	308[a]
	03/07/13	6.87	662	11.7	NM	0.19	102
	09/24/13	7.03	404	13.6	57.2	0.40	-97
	03/27/14	7.29	616	12.4	0.0	0.00	-154
	09/25/14	6.82	681	15.1	14.6	0.00	-135
MW-4	03/29/10	6.71	1,094	9.9	NM	0.58	-8
	10/01/10	6.89	1,054	16.7	NM	0.55	10
	03/04/11	7.48	906	9.4	7.0	0.17	-8
	09/23/11	6.46	1,091	22.1	1.6	0.15	-64
	03/08/12	6.67	1,100	9.6	NM	0.36	-16
	10/01/12	6.56	1,109	16.8	NM	0.18	355[a]
	03/06/13	6.73	1,436	9.7	4.3	0.22	24
	09/24/13	6.82	823	17.8	63.8	0.00	-63
	03/25/14	7.26	1510	13.9	0.0	0.00	-141
	09/23/14	6.49	1210	19.2	0.5	0.00	-107
MW-5	04/01/10	6.39	287	12.5	16.0	0.49	27

Table 2

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-5	04/09/10	NM	340	NM	3.0	NM	NM
(continued)	04/16/10	6.38	342	13.4	8.0	0.70	26
	05/06/10	6.52	297	12.7	6.0	2.35	23
	06/09/10	6.44	283	14.1	14.0	1.61	24
	09/28/10	6.55	262	18.4	NM	1.06	26
	03/03/11	6.76	203	11.6	6.0	0.55	12
	06/22/11	6.36	200	17.0	14.5	0.11	-7
	09/22/11	6.19	226	17.3	5.1	0.38	63
	10/21/11	6.11	267	15.8	9.0	0.41	34
	12/07/11	6.36	207	14.0	NM	0.15	73
	03/07/12	6.39	216	12.3	NM	0.29	53
	06/26/12	6.35	233	17.1	4.2	0.19	29
	09/27/12	6.14	266	18.5	0.8	0.25	346[a]
	12/19/12	6.17	362	13.0	23.0	0.34	-29
	03/06/13	6.25	360	11.2	4.4	0.18	76
	06/06/13	6.63	379	17.9	17.0	0.63	23
	09/24/13	6.45	302	14.8	54.6	0.03	20
	03/25/14	5.81	404	14.7	0.0	0.00	-141
	09/23/14	6.14	380	16.6	2.1	0.00	-49
MW-6	03/30/10	6.53	533	11.5	NM	0.61	14
	09/30/10	6.55	936	15.9	NM	0.35	30
	03/04/11	6.84	331	10.6	4.0	0.21	11
	09/21/11	6.23	723	17.9	3.9	0.13	-68
	03/06/12	6.53	341	10.5	NM	0.25	-12
	09/28/12	6.21	717	15.3	NM	0.27	315[a]
	03/07/13	6.49	511	11.1	NM	0.21	76
	09/24/13	6.50	634	14.3	106.0	0.00	-52
	03/26/14	6.70	420	13.1	7.3	0.00	-60
	09/24/14	6.18	887	15.7	3.2	0.00	-94
MW-7	04/01/10	6.81	255	12.4	NM	1.48	6
	09/28/10	6.71	318	17.4	NM	0.27	17
	03/02/11	6.48	235	11.4	10.0	5.72	3
	06/22/11	6.33	193	19.0	38.1	0.33	109
	09/22/11	6.33	248	16.6	1.9	0.19	158
	10/20/11	6.28	389	16.1	13.0	0.30	88
	12/07/11	6.55	273	13.4	NM	0.57	139
	03/07/12	6.54	200	12.3	NM	1.31	95
	06/26/12	6.47	196	16.1	5.7	0.18	43
	07/12/12	6.54	197	15.8	NM	0.23	-22
	09/27/12	6.26	245	18.2	1.8	0.30	383[a]
	12/19/12	6.42	641	13.0	7.0	0.46	8

Table 2

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-7 (continued)	03/05/13	6.32	374	12.6	16.6	0.17	19
	06/06/13	6.74	328	16.7	9.3	0.24	81
	09/24/13	5.97	427	17.7	0.0	0.00	45
	03/26/14	6.48	340	14.2	0.0	0.00	132
	09/25/14	6.36	402	17.5	0.0	0.00	116
MW-8	04/01/10	6.29	949	11.9	NM	0.79	29
	09/28/10	6.44	1,217	18.1	NM	0.28	32
	03/04/11	6.81	1,317	11.0	2.0	0.50	13
	09/26/11	6.15	1,137	14.4	0.3	0.32	270
	03/06/12	6.55	1,106	11.6	NM	0.50	14
	09/28/12	6.27	1,101	17.1	NM	0.32	305[a]
	03/08/13	6.45	1,271	12.3	NM	0.23	136
	09/24/13	6.43	854	15.9	57.0	0.69	57
	03/26/14	6.76	994	13.4	5.0	0.00	109
	09/23/14	6.27	1120	16.9	1.5	0.00	112
MW-9	03/30/10	6.58	559	11.9	NM	0.72	17
	09/28/10	6.52	651	17.3	NM	0.24	27
	03/04/11	6.89	505	12.0	4.0	0.24	10
	09/26/11	6.41	544	13.4	85.4	0.12	-90
	03/06/12	6.37	392	11.3	NM	0.30	32
	09/28/12	6.57	641	15.3	NM	0.16	272[a]
	03/08/13	6.47	557	11.9	NM	0.16	95
	09/24/13	6.87	365	15.1	128.0	0.00	-67
	03/26/14	6.42	388	15.0	0.0	0.00	67
	09/24/14	6.45	472	17.1	21.2	0.00	-93
MW-10	03/30/10	6.96	201	11.1	NM	1.33	-8
	09/28/10	6.98	185	17.7	NM	0.20	3
	03/04/11	7.24	160	10.7	7.0	0.15	-2
	09/26/11	6.61	152	14.9	37.8	0.32	-58
	03/07/12	6.86	141	11.2	NM	0.24	-7
	09/28/12	6.67	136	18.9	NM	0.21	292[a]
	03/05/13	6.54	164	11.4	NM	0.16	2
	09/24/13	7.11	106	17.4	72.5	0.00	-72
	03/27/14	7.03	176	13.2	0.0	0.00	-88
	09/24/14	6.66	201	17.2	12.9	0.00	-94
MW-12	04/01/10	6.56	347	13.0	NM	0.87	27
	09/28/10	6.52	322	18.6	NM	0.35	26
	03/03/11	6.75	244	11.1	28.0	0.22	12
	06/22/11	6.87	348	16.1	41.2	0.04	-188
	09/22/11	6.51	359	16.4	12.4	0.05	-122
	10/21/11	6.41	411	15.0	35.0	0.38	11

Table 2

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-12	12/07/11	6.58	293	12.2	NM	0.20	-87
(continued)	03/07/12	6.38	316	12.9	NM	0.30	59
	06/27/12	6.44	533	15.5	18.4	0.22	32
	07/12/12	6.44	312	15.5	NM	0.14	16
	10/02/12	6.41	324	16.3	7.9	3.60[a]	275[a]
	12/19/12	6.29	444	13.1	11.0	0.37	15
	03/06/13	6.37	436	12.2	18.1	0.15	47
	06/06/13	6.61	431	20.4	33.4	0.25	-40
	09/24/13	6.79	417	14.9	54.4	0.00	-117
	03/25/14	5.90	413	15.4	0.0	0.00	-45
	09/23/14	6.27	424	16.8	3.1	0.70	-108
MW-13	03/29/10	6.53	639	12.4	15.0	0.58	18
	04/07/10	NM	720	NM	2.0	NM	NM
	04/16/10	6.67	682	14.2	9.0	0.49	24
	05/06/10	6.56	722	13.9	6.0	0.31	25
	06/09/10	6.52	753	15.7	4.0	0.20	22
	09/30/10	6.58	695	17.2	NM	0.14	17
	03/03/11	6.76	552	12.9	1.0	0.20	9
	06/23/11	6.09	365	14.4	9.2	0.16	-61
	09/22/11	6.26	680	19.7	13.3	0.02	-86
	10/20/11	6.27	882	16.3	17.0	0.35	-28
	12/07/11	6.45	566	12.7	NM	0.21	-89
	03/07/12	6.49	564	12.2	NM	0.27	-13
	06/27/12	6.44	533	15.5	18.4	0.22	32
	07/12/12	6.47	571	18.5	NM	0.16	-7
	10/02/12	6.39	541	16.9	6.4	0.20	221[a]
	12/19/12	6.33	694	13.1	26.0	0.31	-91
	03/07/13	6.43	688	12.9	4.4	0.16	11
	06/06/13	6.70	713	19.9	26.7	0.18	-95
	09/24/13	7.02	489	15.7	82.5	6.22	-92
	03/26/14	6.78	610	14.1	1.7	0.00	-99
	09/23/14	6.41	803	17.7	29.2	0.00	-129
MW-14	03/30/10	6.58	360	13.2	NM	0.73	15
	09/30/10	6.72	555	17.4	NM	0.34	18
	03/04/11	6.96	316	12.0	6.0	0.15	9
	09/21/11	6.39	392	16.7	7.6	0.04	-72
	03/06/12	6.58	337	12.0	NM	0.27	0
	09/28/12	6.42	366	16.3	NM	0.28	294[a]
	03/07/13	6.50	451	12.4	NM	0.18	49
	09/24/13	6.57	313	14.0	65.5	0.00	-23
	03/26/14	6.74	444	16.3	0.0	0.00	-86
	09/24/14	6.39	496	15.7	2.4	0.00	-89

Table 2

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-15	03/30/10	6.61	409	13.3	NM	0.77	14
	09/30/10	6.57	506	17.0	NM	0.38	19
	03/08/11	6.91	449	13.7	4.0	0.17	8
	09/21/11	6.42	462	17.2	3.0	0.06	-83
	03/06/12	6.57	403	11.3	NM	0.30	-32
	10/01/12	6.43	414	14.7	NM	0.31	370[a]
	03/07/13	6.50	530	12.9	NM	0.17	30
	09/24/13	6.61	357	14.4	131.0	0.00	-48
	03/26/14	6.73	487	16.5	0.0	0.00	-94
	09/24/14	6.40	482	16.1	3.5	0.00	-94
MW-16	04/02/10	6.45	691	11.5	NM	0.59	24
	10/10/10	6.62	801	14.2	NM	0.39	21
	03/08/11	6.76	639	12.3	6.0	0.19	7
	09/26/11	6.29	681	13.5	0.6	0.20	-71
	03/08/12	6.42	666	11.8	NM	0.26	7
	10/01/12	6.28	678	13.7	NM	0.29	358[a]
	03/08/13	6.54	607	11.2	NM	0.21	110
	09/24/13	6.59	428	12.9	62.1	0.00	-23
	03/27/14	6.67	889	13.3	25.4	0.00	-98
	09/25/14	6.30	901	14.9	98.7	0.00	-84
MW-17	03/30/10	6.37	667	10.1	NM	1.28	12
	10/01/10	6.68	1,111	14.2	NM	0.31	23
	03/07/11	6.88	564	11.6	5.0	0.15	8
	06/23/11	6.27	415	14.6	7.1	0.08	-40
	09/23/11	6.37	927	16.2	1.4	0.10	-60
	03/08/12	6.57	911	11.9	NM	0.23	-28
	06/27/12	6.57	936	15.3	14.8	0.12	-24
	07/12/12	6.53	1,033	15.9	NM	0.23	-26
	10/01/12	6.36	918	13.6	77.2	0.23	346[a]
	12/19/12	6.35	1,349	10.9	16.0	0.39	-100
	03/07/12	6.47	1,128	11.4	4.4	0.18	21
	06/06/13	6.88	1,269	15.0	21.6	0.28	-89
	09/24/13	6.07	792	12.4	90.1	0.00	-55
	03/26/14	6.67	665	12.7	8.0	0.00	4
	09/25/14	6.49	914	14.6	43.1	0.00	-68
MW-18	03/30/10	6.62	494	12.0	NM	1.57	13
	09/28/10	6.68	616	16.6	NM	0.24	21
	03/04/11	6.95	464	12.3	3.0	0.18	7
	06/23/11	6.32	312	15.3	9.6	0.14	-7
	09/23/11	6.37	532	16.9	3.8	0.07	-70
	03/07/12	6.54	484	13.0	6.0	0.18	15

Table 2

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-18	06/27/12	6.55	554	17.4	4.9	0.20	-18
(continued)	07/12/12	6.54	567	14.8	NM	0.19	-41
	10/01/12	6.48	321	17.7	2.8	2.42[a]	353[a]
	12/19/12	6.44	697	12.3	9.0	0.42	-92
	03/05/13	6.40	657	12.7	6.7	0.17	9
	06/06/13	6.87	741	16.6	16.1	0.26	-84
	09/24/13	6.67	439	15.0	58.9	0.08	-60
	03/26/14	7.76	99	13.9	0.0	3.32	115
	09/24/14	6.38	579	16.7	7.1	0.00	-59
MW-19	03/30/10	6.33	528	11.9	NM	0.98	14
	09/28/10	6.53	722	16.4	NM	0.36	29
	03/03/11	6.92	413	13.5	4.0	0.15	10
	09/21/11	6.38	530	16.6	0.0	0.14	-103
	12/07/11	6.53	556	13.3	NM	0.26	-77
	03/08/12	5.65	596	15.0	NM	0.19	-29
	06/27/12	6.57	430	16.6	0.8	0.16	-22
	07/12/12	6.51	466	15.4	NM	0.23	21
	09/28/12	6.35	406	17.6	NM	0.28	322[a]
	12/19/12	6.42	560	13.7	14.0	0.40	-93
	03/05/13	6.39	727	13.3	1.6	0.14	-31
	06/06/13	6.84	766	16.3	9.8	0.86	-72
	09/24/13	6.72	486	14.0	64.0	0.00	-98
	03/27/14	6.83	564	14.7	52.9	0.00	-90
	09/25/14	6.47	689	18.5	5.7	0.00	-87
MW-20	03/29/10	6.33	922	13.2	NM	0.48	17
	10/01/10	6.69	1,013	15.8	NM	0.40	21
	03/02/11	6.35	1,147	12.6	8.0	0.13	9
	09/26/11	6.36	930	16.6	33.0	0.29	-80
	03/08/12	6.53	946	14.0	NM	0.25	-5
	10/01/12	6.37	903	16.8	NM	0.14	321[a]
	03/08/13	6.45	180	11.4	NM	0.19	97
	06/06/13	6.67	898	17.0	30.8	0.21	-75
	09/24/13	6.64	761	15.6	96.6	0.00	-68
	03/27/14	6.85	166	15.8	0.0	0.00	-32
	09/25/14	6.42	1010	17.8	62.3	0.00	-84
MW-21	03/26/10	6.31	664	13.2	10.0	0.68	19
	04/16/10	6.54	702	13.6	19.0	0.90	22
	05/06/10	6.50	716	13.9	30.0	0.20	29
	06/09/10	6.21	741	15.0	131.0	0.16	38
	09/30/10	5.90	965	16.9	NM	0.34	56
	03/02/11	6.13	779	11.4	2.0	0.31	24
	06/23/11	5.74	407	13.9	7.2	0.12	-46

Table 2

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-21	09/22/11	5.75	951	17.5	1.5	0.07	-21
(continued)	09/27/11	5.70	907	15.1	5.2	0.35	20
	10/20/11	6.67	1,205	15.0	11.0	0.31	-17
	12/07/11	5.88	845	12.6	NM	0.21	-49
	03/08/12	6.00	880	13.1	NM	0.19	20
	06/26/12	5.99	846	14.4	74.5	0.22	7
	07/12/12	6.03	887	15.6	NM	0.15	42
	10/02/12	5.94	876	14.5	>1000	1.41[a]	238[a]
	12/20/12	5.95	1,128	11.4	96.0	0.29	-50
	03/06/13	6.16	1,125	11.0	68.0	0.22	27
	06/06/13	6.61	1,120	18.8	52.6	0.25	-89
	09/24/13	6.28	714	14.6	102.0	0.00	-56
	03/26/14	6.50	785	15.1	0.0	0.00	-110
	09/24/14	6.25	829	16.1	31.0	0.00	-88
MW-22	03/29/10	6.20	665	12.0	NM	0.85	22
	09/30/10	6.57	821	17.6	NM	0.56	13
	03/04/11	6.77	543	12.2	45.0	0.15	12
	06/23/11	6.20	366	13.2	2.1	0.13	-30
	09/23/11	6.27	684	16.3	206.7	0.00	-85
	10/21/11	6.26	827	14.1	4.0	0.34	31
	12/07/11	6.27	583	12.5	NM	0.24	-50
	03/08/12	6.49	502	10.7	20.5	0.23	-17
	06/26/12	6.44	549	14.4	8.8	0.16	-33
	07/12/12	6.35	570	16.4	NM	0.20	15
	10/02/12	6.32	617	15.1	2.8	0.20	251[a]
	12/19/12	6.26	800	12.0	17.0	0.31	-96
	03/06/13	6.40	823	10.9	5.7	0.22	165
	06/06/13	6.79	881	15.9	11.6	0.32	-91
	09/25/13	6.53	564	13.7	89.1	0.00	-75
	03/26/14	6.59	769	15.0	0.0	0.00	-102
	09/24/14	6.22	769	14.9	12.2	0.00	-100
MW-23	04/01/10	6.57	428	13.0	NM	0.66	16
	09/28/10	6.67	495	19.0	NM	0.19	19
	03/02/11	6.25	399	11.8	5.0	0.25	16
	06/22/11	6.27	320	15.3	26.1	0.19	70
	09/23/11	6.35	431	17.8	7.8	0.14	82
	10/20/11	6.51	512	16.7	3.0	0.36	70
	12/07/11	6.57	356	13.7	NM	0.18	102
	03/07/12	6.59	386	13.1	5.2	0.18	58
	06/26/12	6.54	460	16.9	7.3	0.20	46
	07/12/12	6.54	465	15.8	NM	0.17	-18

Table 2

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-23	09/27/12	6.52	409	17.1	5.2	0.26	340[a]
(continued)	12/19/12	6.51	430	13.5	64.0	0.34	65
	03/05/13	6.50	528	12.6	7.1	0.16	-15
	06/06/13	6.91	690	16.8	9.2	0.26	43
	09/24/13	6.72	364	17.0	52.4	2.17	67
	03/26/14	6.80	616	13.5	4.1	0.00	147
	09/25/14	6.53	652	17.5	0.7	0.00	107
MW-27	09/24/14	6.38	566	16.2	64.3	0.00	-80
MW-28	09/25/14	6.56	1,010	14.6	257.0	0.00	-95

Notes:

NM = not measured

[a] Likely meter malfunction

Table 3

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		LNAPL	LNAPL	3,350,000	20,000,000	5,100,000	3,500,000	8,200,000	720,000	8,690,000	0.8	1,100,000		1,000	200,000	LNAPL	LNAPL	LNAPL
	Final Cleanup Levels		0.5	15	7.0	5.0	800	70	7.2	200	0.5	0.8	4.0	0.64	1,000	0.86	700	1,600	400
MW-1	03/29/10		**4.4**	**9.6 J**	0.5 U	0.5 U	0.5 U	**15**	20 U	**63**	0.5 U	0.5 U	**7.8 J**	0.5 U	**27**	0.5 U	**48**	**170**	0.5 U
	09/30/10		**9.51**	**46.5**	0.5 U	**1.41 J**	**339**	**28.3**	1.0 U	**173**	0.5 U	0.5 U	**3.16**	0.5 U	**144**	0.5 U	**70.2**	**301**	**18.1**
	03/03/11		**3.10**	**18.9**	**4.52**	0.5 U	**168**	**23.6**	**1.00**	**211**	0.5 U	0.5 U	**5.82**	0.5 U	**140**	**2.18**	**43.8**	**416**	**20.5**
	09/23/11		**5.74**	**174**	**1.96**	**1.20**	**138**	**13.5**	1.0 U	**38.5**	0.5 U	**0.700**	**3.44**	0.5 U	**1,620**	**0.830**	**124**	**949**	**16.0**
	03/08/12		**10.1**	**54.7**	**2.41**	**0.860**	**132**	**20.4**	1.00 U	**80.7**	0.500 U	0.500 U	**2.29**	0.500 U	**248**	**1.35**	**47.0**	**668**	**15.8**
	10/1/12 (DUP)		**6.10**	**82.0**	**0.720**	**0.760**	**88.0**	**15.0**	1.00 U	**13.4**	0.500 U	0.500 U	**2.94**	0.500 U	**198**	**0.630 J**	**19.1**	**461**	**23.8**
	10/01/12		**5.78**	**89.5**	**0.790**	**0.900**	**83.0**	**14.3**	1.00 U	**13.1**	0.500 U	0.500 U	**2.80**	0.500 U	**194**	**0.640 J**	**19.2**	**443**	**24.7**
	03/06/13		**22.3 J**	**79.8**	**2.26**	**2.08**	**252**	**25.2**	1.00 U	**49.4**	0.5 U	**0.540**	**1.86**	0.5 U	**186**	**1.13**	**46.6**	**556**	**22.5**
	09/25/13		**18.7**	**145**	**0.900**	**1.58**	**132**	**21.5**	1.00 U	**16.2**	0.500 U	**0.750**	**3.34**	0.500 U	**362**	**0.780**	**42.1**	**629**	**28.3**
	03/26/14		**67.1**	**228**	**4.02**	**1.23**	**303**	**45.2**	1.00 U	**65.2**	0.500 U	**0.761**	**3.02**	0.500 U	**183**	**1.11**	**43.2**	**323**	**25.2**
	09/23/14		**13.4**	**225**	0.500 U	**0.893**	**95.0**	**10.1**	1.00 U	**7.45**	0.500 U	0.500 U	**2.75**	0.500 U	**448**	**1.41**	**25.9**	**285.1**	**20.8**
MW-2	03/29/10		**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3/29/10 (LAB DUP)		**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/30/10		0.2 UJ	0.5 U	0.5 U	0.5 U	**0.61**	**1.07**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/07/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.690**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/21/11		0.2 U	0.5 U	0.5 U	0.5 U	**0.5**	**0.920**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		**0.290**	0.500 U	0.500 U	0.500 U	**0.520**	**0.640**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/28/12		0.2 U	0.500 U	0.500 U	0.500 U	0.500 U	0.50 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/07/13		0.2 U	0.500 U	0.500 U	0.500 U	0.500 U	0.50 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/26/13		0.200 U	0.500 U	0.500 U	0.500 U	**0.590**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.786**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/24/14		0.200 U	0.500 U	0.500 U	0.500 U	**0.517**	**0.528**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-3	03/30/10		**0.3**	0.5 U	0.5 U	0.5 U	**16**	**1.9**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/28/10		0.2 UJ	0.5 U	0.5 U	0.5 U	**8.47**	**1.49**	1.0 U	0.5 U	0.5 U	**0.33 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/07/11		0.2 U	0.5 U	0.5 U	0.5 U	**9.50**	**1.39**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/21/11		0.2 U	0.5 U	0.5 U	0.5 U	**7.07**	**1.41**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		0.200 U	0.500 U	0.500 U	0.500 U	**5.06**	**1.14**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	10/01/12		0.200 U	0.500 U	0.500 U	0.500 U	**7.24**	**1.45**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
	03/07/13		0.200 U	0.500 U	0.500 U	0.500 U	**4.75**	**1.03**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
	09/27/13		0.200 U	0.500 U	0.500 U	0.500 U	**3.76**	**0.900**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/27/14		0.200 U	0.500 U	0.500 U	0.500 U	**2.51**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/25/14		0.200 U	0.500 U	0.500 U	0.500 U	**5.38**	**1.21**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-4	03/29/10		**0.2**	**130**	0.5 U	0.5 U	**5.9**	0.5 U	1.0 U	0.5 U	0.5 U	**10**	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	**0.5**	**140**
	10/01/10		**0.19 J**	**78.1**	0.5 U	**0.63 J**	**5.74**	0.5 U	1.0 U	0.5 U	0.5 U	**6.78**	0.5 U	0.5 U	**0.53**	0.5 U	**2.17**	**3.80**	**43.4**
	03/04/11		**69.5**	0.5 U	0.5 U	0.5 U	**7.81**	0.5 U	1.0 U	0.5 U	0.5 U	**5.42**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.500**	**31.4**
	09/23/11		**1.46**	**50.4**	0.5 U	0.5 U	**4.00**	**1.30**	1.0 U	0.5 U	0.5 U	**5.24**	0.5 U	0.5 U	**2.07**	0.5 U	**3.33**	**9.66**	**34.1**
	03/08/12		**2.99**	**36.4**	0.500 U	0.500 U	**2.97**	**0.730**	1.00 U	0.500 U	0.500 U	**7.02**	0.500 U	0.500 U	**3.06**	0.500 U	**9.31**	**15.4**	**33.5**
	10/01/12		**2.19**	**31.3**	0.500 U	0.500 U	**2.71**	0.500 U	1.00 U	0.500 U	0.500 U	**4.72**	0.500 U	0.500 U	**2.23**	0.500 UJ	**4.29**	**8.54**	**21.5**
	03/06/13		0.200 U	0.5 U	0.5 U	**1.15**	**4.42**	0.5 U	1.0 U	0.5 U	0.5 U	**6.43**	0.5 U	0.5 U	**0.670**	0.5 U	**4.33**	**1.39**	**7.49**
	09/26/13		0.200 U	**24.4 J**	0.500 U	0.500 U	**3.58**	0.500 U	1.00 U	0.500 U	0.500 U	**7.77**	0.500 U	0.500 U	**1.78**	0.500 U	**2.34**	**8.00**	**2.89**
	03/25/14		0.200 U	**165**	0.500 U	0.500 U	**5.84**	0.500 U	1.00 U	0.500 U	0.500 U	**5.66**	0.500 U	0.500 U	**0.781**	0.500 U	**0.524**	**1.11**	**1.66**
	09/23/14		0.200 U	**45.5**	0.500 U	0.500 U	**1.72**	**0.519**	1.00 U	0.500 U	0.500 U	**6.35**	0.500 U	0.500 U	**4.06**	0.500 U	**1.75**	**6.80**	**3.56**
MW-5	04/01/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.9**	1.0 U	0.5 U	0.5 U	0.5 U	**42**	0.5 U	0.5 U	**340**	0.5 U	0.5 U	0.5 U
	4/1/10 (DUP)		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.9**	1.0 U	0.5 U	0.5 U	0.5 U	**44**	0.5 U	0.5 U	**270**	0.5 U	0.5 U	0.5 U
	04/09/10		4.0 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U	**35**	10 U	10 U	**1,100**	10 U	10 U	10 U
	04/16/10		4.0 U	10 U	10 U	10 U	10 U	**5.0 J**	20 U	10 U	10 U	10 U	**42**	10 U	10 U	**780**	10 U	10 U	10 U
	05/06/10		2.0 U	10 U	5.0 U	10 U	10 U	**3.2 J**	20 U	10 U	10 U	10 U	**36**	10 U	10 U	**640**	10 U	10 U	10 U
	06/09/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.2**	1.0 U	0.5 U	0.5 U	0.5 U	**33**	0.5 U	0.5 U	**670**	0.5 U	0.5 U	0.5 U
	07/06/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.6**	1.0 U	0.5 U	0.5 U	0.5 U	**31**	0.5 U	0.5 U	**640**	0.5 U	0.5 U	0.5 U
	07/06/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.6**	1.0 U	0.5 U	0.5 U	0.5 U	**31**	0.5 U	0.5 U	**640**	0.5 U	0.5 U	0.5 U
	09/28/10		2.0 UJ	10 U	5.0 U	10 U	10 U	5.0 U	20 U	10 U	10 U	10 U	**22.6**	10 U	10 U	**514**	10 U	10 U	10 U
	9/28/10 (DUP)		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	**2.43**	1.0 U	0.5 U	0.5 U	0.5 U	**21.7**	0.5 U	0.5 U	**514**	0.5 U	0.5 U	0.5 U
	03/03/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.12**	1.0 U	0.5 U	0.5 U	0.5 U	**30.2**	0.5 U	0.5 U	**607**	0.5 U	**0.550**	0.5 U
	06/22/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.31**	1.0 U	0.5 U	0.5 U	0.5 U	**16.3**	0.5 U	0.5 U	**386**	0.5 U	0.5 U	0.5 U
	09/22/11		**0.590**	0.5 U	0.5 U	0.5 U	0.5 U	**7.28**	1.0 U	0.5 U	0.5 U	0.5 U	**30.2**	0.5 U	0.5 U	**682 J**	0.5 U	0.5 U	0.5 U
	12/07/11		**0.470**	0.5 U	0.5 U	0.5 U	0.5 U	**4.11**	1.0 U	0.5 U	0.5 U	0.5 U	**30.7**	0.5 U	0.5 U	**831**	0.5 U	0.5 U	0.5 U
	03/07/12		**0.810**	0.500 U	0.500 U	0.500 U	0.500 U	**51.6**	1.00 U	0.500 U	0.500 U	0.500 U	**27.0**	0.500 U	0.500 U	**326**	0.500 U	0.500 U	0.500 U
	06/26/12		**1.40**	0.500 U	0.500 U	0.500 U	0.500 U	**50.0**	1.00 U	0.500 U	0.500 U	0.500 U	**37.9**	0.500 U	0.500 U	**316**	0.500 U	0.500 U	0.500 U
	09/27/12		**1.55**	0.500 U	0.500 U	0.500 U	0.500 U	**96.0**	1.00 U	0.500 U	0.500 U	0.500 U	**62.0**	0.500 U	0.500 U	**479**	0.500 U	0.500 U	0.500 U
	12/19/12		**3.35**	0.500 U	0.500 U	0.500 U	0.500 U	**530**	1.00 U	0.500 U	0.500 U	0.500 U	**5.22**	0.500 U	0.500 U	**18.4**	0.500 U	0.500 U	0.500 U
	03/06/13		**4.57 J**	0.5 U	0.5 U	0.5 U	0.5 U	**286**	1.0 U	0.5 U	0.5 U	0.5 U	**55.4**	0.5 U	0.500 U	**106**	0.5 U	0.5 U	0.5 U
	3/6/13 (DUP)		**3.30 J**	0.5 U	0.5 U	0.5 U	0.5 U	**293**	1.0 U	0.5 U	0.5 U	0.5 U	**54.9**	0.5 U	**0.950**	**105**	0.5 U	0.5 U	0.5 U
	06/06/13		**3.69**	0.500 U	0.500 U	0.500 U	0.500 U	**291**	1.00 U	0.500 U	0.500 U	0.500 U	**105**	0.500 U	0.500 U	**205**	0.500 U	0.500 U	0.500 U
	09/26/13		**2.67**	0.500 U	0.500 U	0.500 U	0.500 U	**209**	1.00 U	0.500 U	0.500 U	0.500 U	**273**	0.500 U	0.500 U	**297**	0.500 U	0.500 U	0.500 U

Table 3

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:	**(ft bgs)**	**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-5 (continued)	9/26/13 (DUP)		**2.12**	0.500 U	0.500 U	0.500 U	0.500 U	**203**	1.00 U	0.500 U	0.500 U	0.500 U	**251**	0.500 U	0.500 U	**330**	0.500 U	**1.27**	0.500 U
	03/25/14		**10.1**	0.500 U	0.500 U	0.500 U	0.500 U	**453**	1.00 U	0.500 U	0.500 U	0.500 U	**14.9**	0.500 U	0.500 U	**86.8**	0.500 U	0.500 U	0.500 U
	09/23/14		**5.50**	**2.43**	0.500 U	0.500 U	0.500 U	**392**	1.00 U	0.500 U	0.500 U	0.500 U	**32.5**	0.500 U	0.500 U	**217**	0.500 U	0.500 U	0.500 U
MW-6	03/30/10		0.2 U	**0.2 J**	0.5 U	0.5 U	**0.6**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/30/10		0.2 UJ	**0.87**	0.5 U	0.5 U	**1.51**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/04/11		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/21/11		0.2 UJ	0.5 U	0.5 U	0.5 U	**1.15**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/28/12		0.200 U	0.500 U	0.500 U	0.500 U	**1.74**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/07/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/27/13		0.200 U	0.500 U	0.500 U	0.500 U	**1.59**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/24/14		0.200 U	0.500 U	0.500 U	0.500 U	**1.46**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-7	04/01/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.3**	0.5 U	0.5 U	0.5 U
	09/28/10		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.38**	0.5 U	0.5 U	0.5 U
	03/02/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.98**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.920**	**4.18**	0.5 U	**1.16**	0.5 U
	06/22/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.88**	0.5 U	0.5 U	0.5 U
	09/22/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.07**	0.5 U	0.5 U	0.5 U
	12/07/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.86**	0.5 U	0.5 U	0.5 U
	03/07/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.94**	0.500 U	0.500 U	0.500 U
	06/26/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**5.38**	0.500 U	0.500 U	0.500 U
	09/27/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**3.02**	0.500 U	0.500 U	0.500 U
	12/19/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.52**	0.500 U	0.500 U	0.500 U
	03/05/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	**0.920**	0.500 U	0.500 U	**1.63**	0.500 U	0.500 U	0.500 U
	06/06/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**4.79**	0.500 U	0.500 U	0.500 U
	09/24/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.89**	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**6.56**	0.500 U	0.500 U	0.500 U
	09/25/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.14**	0.500 U	0.500 U	0.500 U
MW-8	04/01/10		**0.3**	0.5 U	**0.8**	0.5 U	0.5 U	**1.4**	1.0 U	0.5 U	0.5 U	0.5 U	**5.0**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/28/10		0.2 UJ	0.5 U	**1.11**	0.5 U	0.5 U	**2.02**	1.0 U	0.5 U	0.5 U	0.5 U	**5.09**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/04/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.900**	1.0 U	0.5 U	0.5 U	0.5 U	**3.93**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/26/11		**0.700**	0.5 U	**1.25**	0.5 U	0.5 U	**1.98**	1.0 U	0.5 U	0.5 U	0.5 U	**3.91**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.890**	1.00 U	0.500 U	0.500 U	0.500 U	**2.96**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/28/12		0.200 U	0.500 U	**1.76**	0.500 U	0.500 U	**2.42 J**	1.00 U	0.500 U	0.500 U	0.500 U	**5.76**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/08/13		0.200 U	0.500 U	**0.850**	0.500 U	0.500 U	**1.54**	1.00 U	0.500 U	0.500 U	0.500 U	**2.39 J**	0.500 U	0.500 U	**0.730**	0.500 U	0.500 U	0.500 U
	09/27/13		**0.730**	0.500 U	**2.45**	0.500 U	0.500 U	**3.45**	1.00 U	0.500 U	0.500 U	0.500 U	**9.63**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	**1.99**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/23/14		0.200 U	0.500 U	**1.65**	0.500 U	0.500 U	**6.07**	1.00 U	0.500 U	0.500 U	0.500 U	**6.47**	0.500 U	0.500 U	**1.74**	0.500 U	0.500 U	0.500 U
MW-9	03/30/10		**3.9**	0.5 U	0.5 U	0.5 U	0.5 U	**15**	1.0 U	0.5 U	0.5 U	**0.8**	**1.3**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/28/10		0.2 UJ	0.5 U	0.5 U	0.5 U	**0.51**	0.5 U	1.0 U	0.5 U	0.5 U	**1.70**	0.5 U	0.5 U	**0.38 J**	0.5 U	0.5 U	0.5 U	0.5 U
	9/28/10 (LAB DUP)		0.2 UJ	0.5 U	0.5 U	0.5 U	**0.54**	0.5 U	1.0 U	0.5 U	0.5 U	**1.87**	0.5 U	0.5 U	**0.40 J**	0.5 U	0.5 U	0.5 U	0.5 U
	03/04/11		**1.88**	0.5 U	0.5 U	0.5 U	0.5 U	**4.18**	1.0 U	0.5 U	0.5 U	**0.600**	**1.42**	0.5 U	**0.630**	0.5 U	0.5 U	**1.01**	0.5 U
	09/26/11		0.20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	**1.23**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		**0.690**	0.500 U	0.500 U	0.500 U	0.500 U	**3.95**	1.00 U	0.500 U	0.500 U	0.500 U	**3.22**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/28/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.5 U	1.00 U	0.500 U	0.500 U	0.500 U	0.5 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/08/13		**1.16 J**	0.500 U	0.500 U	0.500 U	0.500 U	**3.02**	1.00 U	0.500 U	0.500 U	0.500 U	**1.39 J**	0.500 U	0.500 U	**0.610**	0.500 U	0.500 U	0.500 U
	09/27/13		**0.780**	0.500 U	0.500 U	0.500 U	0.500 U	**1.50**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.09**	1.00 U	0.500 U	0.500 U	0.500 U	**2.17**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/24/14		**0.396**	0.500 U	0.500 U	0.500 U	0.500 U	**1.13**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-10	03/30/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.1 J**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/28/10		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/04/11		0.2 UJ	**0.630**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/26/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/07/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	**3.02**	1.00 U	0.500 U	0.500 U	0.500 U	**1.39**	0.500 U	0.500 U	**0.610**	0.500 U	0.500 U	0.500 U
	09/28/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/05/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/26/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/27/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/24/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-11	04/01/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**16**	1.0 U	0.5 U	0.5 U	0.5 U	**44**	0.5 U	0.5 U	**290**	0.5 U	0.5 U	0.5 U
	04/09/10		4.0 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U	**35**	10 U	10 U	**850**	10 U	10 U	10 U
	04/16/10		**4.0**	10 U	10 U	10 U	10 U	**22**	20 U	10 U	10 U	10 U	**66**	10 U	10 U	**500**	10 U	10 U	10 U
	05/06/10		**1.0 J**	10 U	5.0 U	10 U	10 U	**24**	20 U	10 U	10 U	10 U	**43**	10 U	10 U	**530**	10 U	10 U	10 U

Table 3

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-11 (continued)	06/09/10		**0.28**	0.5 U	0.5 U	0.5 U	0.5 U	**11**	1.0 U	0.5 U	0.5 U	0.5 U	**33**	0.5 U	0.5 U	**680**	0.5 U	0.5 U	0.5 U
	6/9/10 (LAB DUP)		**0.21**	0.5 U	0.5 U	0.5 U	0.5 U	**9.3**	1.0 U	0.5 U	0.5 U	0.5 U	**31**	0.5 U	0.5 U	**580**	0.5 U	0.5 U	0.5 U
	07/06/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**19**	1.0 U	0.5 U	0.5 U	0.5 U	**34**	0.5 U	0.5 U	**470**	0.5 U	0.5 U	0.5 U
MW-12	04/01/10		**9.4**	0.5 U	**1.0**	0.5 U	0.5 U	**260**	1.0 U	0.5 U	0.5 U	0.5 U	**170**	0.5 U	0.5 U	**400**	0.5 U	0.5 U	0.5 U
	09/28/10		**17.2**	0.5 U	0.5 U	0.5 U	0.5 U	**334**	1.0 U	0.5 U	0.5 U	0.5 U	**232**	0.5 U	0.5 U	**377**	0.5 U	0.5 U	0.5 U
	03/03/11		**8.93**	0.5 U	**0.730**	0.5 U	0.5 U	**239**	1.0 U	0.5 U	0.5 U	0.5 U	**257**	0.5 U	0.5 U	**856**	0.5 U	0.5 U	0.5 U
	06/22/11		**11.7**	0.5 U	0.5 U	0.5 U	0.5 U	**314**	1.0 U	0.5 U	0.5 U	0.5 U	**215**	0.5 U	0.5 U	**429**	0.5 U	0.5 U	0.5 U
	09/22/11		**94.6**	0.5 U	**2.33**	0.5 U	0.5 U	**747**	1.0 U	0.5 U	0.5 U	0.5 U	**461**	0.5 U	0.5 U	**128 J**	0.5 U	0.5 U	0.5 U
	9/22/11 (DUP)		**93.3**	0.5 U	**2.11**	0.5 U	0.5 U	**680**	1.0 U	0.5 U	0.5 U	0.5 U	**529**	0.5 U	0.5 U	**200 J**	0.5 U	0.5 U	0.5 U
	12/07/11		**47.5**	0.5 U	**1.35**	0.5 U	0.5 U	**478**	1.0 U	0.5 U	0.5 U	0.5 U	**409**	0.5 U	0.5 U	**461**	0.5 U	0.5 U	0.5 U
	03/07/12		**26.3**	0.500 U	**1.32**	0.500 U	0.500 U	**579**	1.00 U	0.500 U	0.500 U	0.500 U	**155**	0.500 U	0.500 U	**337**	0.500 U	0.500 U	0.500 U
	3/7/12 (DUP)		**26.2**	**0.630**	**1.37**	0.500 U	0.500 U	**589**	1.00 U	0.500 U	0.500 U	0.500 U	**164**	0.500 U	0.500 U	**332**	0.500 U	0.500 U	0.500 U
	06/26/12		**35.2**	**1.47**	**1.31**	0.500 U	0.500 U	**636**	1.00 U	0.500 U	0.500 U	0.500 U	**218**	0.500 U	0.500 U	**407**	0.500 U	0.500 U	0.500 U
	10/02/12		**100**	0.500 U	**2.71**	0.500 U	0.500 U	**961**	1.00 U	0.500 U	0.500 U	0.500 U	**217**	0.500 U	0.500 U	**47.6**	0.500 U	0.500 U	0.500 U
	12/19/12		**41.1**	**1.35**	**2.36**	0.500 U	0.500 U	**676**	1.00 U	0.500 U	0.500 U	0.500 U	**225**	0.500 U	0.500 U	**151**	0.500 U	0.500 U	0.500 U
	03/06/13		**36.1**	0.500 U	**2.01**	0.500 U	0.500 U	**901**	1.00 U	0.500 U	0.500 U	0.500 U	**131**	0.500 U	0.500 U	**64.2**	0.500 U	0.500 U	0.500 U
	06/06/13		**34.7**	0.500 U	**1.34**	0.500 U	0.500 U	**576**	1.00 U	0.500 U	0.500 U	0.500 U	**312**	0.500 U	0.500 U	**293**	0.500 U	0.500 U	0.500 U
	09/25/13		**43.8**	0.500 U	0.500 U	0.500 U	0.500 U	**78.4**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/25/14		**24.8**	0.500 U	**1.61**	0.500 U	0.500 U	**693**	1.00 U	0.500 U	0.500 U	0.500 U	**211**	0.500 U	0.500 U	**140**	0.500 U	0.500 U	0.500 U
	3/25/14 (DUP)		**24.6**	0.500 U	**1.61**	0.500 U	0.500 U	**633**	1.00 U	0.500 U	0.500 U	0.500 U	**226**	0.500 U	0.500 U	**144**	0.500 U	0.500 U	0.500 U
	09/23/14		**74.0**	0.500 U	**1.27**	0.500 U	0.500 U	**996**	1.00 U	0.500 U	0.500 U	0.500 U	**40.0**	0.500 U	0.500 U	**9.99**	0.500 U	0.500 U	0.500 U
MW-13	03/29/10		**900**	**280**	10 U	10 U	**180**	**500**	20 U	10 U	10 U	10 U	10 U	10 U	**2,200**	10 U	**710**	**1,700**	**86**
	3/29/10 (LAB DUP)		**890**	**310**	10 U	10 U	**200**	**580**	20 U	10 U	10 U	10 U	10 U	10 U	**2,400**	10 U	**810**	**1,900**	**110**
	04/07/10		**2,700**	**480**	10 U	10 U	**480**	**1,800**	20 U	10 U	10 U	10 U	10 U	10 U	**4,600**	10 U	**2,100**	**4,200**	**540**
	04/16/10		**4,000**	**840**	**20**	10 U	**1,100**	**3,300**	20 U	10 U	10 U	10 U	10 U	10 U	**5,400**	10 U	**2,800**	**5,800**	**640**
	05/06/10		**3,100**	**640**	**11**	10 U	**820**	**1,900**	20 U	10 U	10 U	10 U	5.0 U	10 U	**6,200**	5.0 U	**2,000**	**4,900**	**340**
	06/09/10		**4,700**	**1,200**	**11**	10 U	**720**	**1,500**	20 U	10 U	10 U	10 U	5.0 U	10 U	**5,600**	**20**	**1,800**	**3,900**	**280**
	07/06/10		**6,500**	**1,400**	**9.5**	10 U	**510**	**1,300**	20 U	10 U	10 U	10 U	5.0 U	10 U	**8,300**	5.0 U	**1,700**	**3,500**	**280**
	09/30/10		**221**	**820**	10 U	**10.8**	**71.0**	**56.8**	20 U	10 U	10 U	10 U	5.0 U	10 U	**4,180**	5.0 U	**1,010**	**2,560**	**130**
	03/03/11		**533**	**435**	**1.27**	0.5 U	**97.4**	**245**	1.0 U	0.5 U	0.5 U	**0.720**	0.5 U	0.5 U	**2,870**	**1.14**	**521**	**3,320**	**143**
	06/23/11		**99.3**	**216**	0.5 U	0.84	**25.6**	**18.0**	1.0 U	0.5 U	0.5 U	**0.500**	0.5 U	**0.610 J**	**1,170**	0.5 U	**619**	**2,405**	**105**
	09/22/11		**302**	0.5 U	0.5 U	**2.39**	**47.5**	**64.7**	1.0 U	0.5 U	0.5 U	**0.680**	0.5 U	0.5 U	**4,100**	0.5 U	**1,110**	**4,480**	**143**
	12/07/11		**285**	**518**	0.5 U	**1.72**	**30.2**	**44.2**	1.0 U	0.5 U	0.5 U	**0.630**	0.5 U	0.5 U	**3,690**	**0.680**	**1,270**	**5,170**	**218**
	12/7/11 (DUP)		**270**	**521**	0.5 U	**1.83**	**30.4**	**42.0**	1.0 U	0.5 U	0.5 U	**0.630**	0.5 U	0.5 U	**3,360**	**0.700**	**1,090**	**4,820**	**212**
	03/07/12		**93.0**	**313**	0.500 U	**0.870**	**14.2**	**14.7**	1.00 U	0.500 U	0.500 U	**0.600**	0.500 U	0.500 U	**1,230**	0.500 U	**921**	**3,862**	**192**
	06/27/12		**103**	**318**	0.500 U	**0.800**	**22.7**	**19.1**	1.00 U	0.500 U	0.500 U	**0.590**	0.500 U	0.500 U	**574**	0.500 U	**606**	**2,437**	**102**
	10/02/12		**2.11**	**256**	0.500 U	0.500 U	**3.0**	**1.91**	1.00 U	0.500 U	0.500 U	**0.730**	0.500 U	0.500 U	**26.4**	0.500 U	**438**	**1,748**	**100**
	12/19/12		**1.08**	**233**	0.500 U	0.500 U	**2.4**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**94.0**	0.500 U	**464**	**1,827**	**120**
	03/07/13		**0.960 J**	**278**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	**0.860**	0.500 U	**0.770**	**19.2**	0.500 U	**648 J**	**2,628 J**	**113 J**
	06/06/13		**1.81**	**291**	0.500 U	**0.560**	**1.12**	**0.930**	1.00 U	0.500 U	0.500 U	**0.680**	0.500 U	0.500 U	**64.0**	0.500 U	**388**	**1,409**	**97.0**
	09/25/13		0.200 U	**250**	0.500 U	**0.690**	**2.50**	0.500 U	1.00 U	0.500 U	0.500 U	**0.530**	0.500 U	**0.840**	**289**	0.500 U	**611**	**2,250**	**205**
	03/26/14		0.200 U	**147**	0.500 U	0.500 U	0.500 U	**1.04**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.71**	0.500 U	**205**	**504.67**	**74.2**
	09/23/14		0.200 U	**162**	0.500 U	0.500 U	**1.07**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**40.9**	**0.549**	**475**	**1,873**	**133**
MW-14	03/30/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/30/10		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	9/30/10 (LAB DUP)		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/04/11		0.2 UJ	**0.640**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/21/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/28/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/07/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/27/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/24/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-15	03/30/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3/30/10 (DUP)		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/30/10		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/07/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3/7/11 (LAB DUP)		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/21/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		**0.240**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	10/01/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
	03/07/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/27/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U

Table 3

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-15 (continued)	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/24/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 UJ	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-16	04/02/10		**0.9**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.6**	0.5 U	**2.6**	**7.9**	**0.9**
	10/01/10		0.2 UJ	0.5 U	0.5 U	0.5 U	**0.42 J**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	10/1/10 (DUP)		**0.66 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/07/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/26/11		**0.650**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/08/12		**0.520**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	10/01/12		**0.510**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
	03/08/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
	09/27/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/27/14		**0.700**	0.500 U	0.500 U	0.500 U	**0.880**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/25/14		0.200 U	0.500 U	0.500 U	0.500 U	**0.568**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-17	03/30/10		**0.2**	**110**	0.5 U	0.5 U	**1.7**	0.5 U	1.0 U	0.5 U	**1.3**	**9.0**	0.5 U	0.5 U	**0.5**	0.5 U	**0.5**	**75**	**7.7**
	10/01/10		0.2 UJ	**54.6**	0.5 U	**0.57 J**	**1.79**	0.5 U	1.0 U	0.5 U	0.5 U	**5.84**	0.5 U	0.5 U	**0.76**	0.5 U	**0.55**	**68.7**	**8.82**
	03/07/11		0.2 U	**61.7**	0.5 U	0.5 U	**2.00**	0.5 U	1.0 U	0.5 U	**1.67**	**8.85**	0.5 U	0.5 U	**0.950**	0.5 U	**2.10**	**60.2**	**10.5**
	06/23/11		**0.420**	**240**	0.5 U	**1.13**	**1.63**	0.5 U	1.0 U	0.5 U	**2.56**	**18.5**	0.5 U	0.5 UJ	**1.20**	0.5 U	**4.50**	**34.2**	1.0 U
	09/23/11		**0.460**	0.5 U	0.5 U	**1.84**	**1.91**	0.5 U	1.0 U	0.5 U	**3.19**	**22.2**	0.5 U	0.5 U	**1.63**	0.5 U	**9.81**	**80.7**	**12.9**
	03/08/12		0.200 U	**421**	0.500 U	**2.69**	**1.67**	0.500 U	1.00 U	0.500 U	**3.23**	**22.9**	0.500 U	0.500 U	**0.810**	0.500 U	**0.690**	**22.8**	**12.8**
	06/27/12		0.200 U	**319**	0.500 U	**1.39**	**1.95**	0.500 U	1.00 U	0.500 U	**3.02**	**20.0**	0.500 U	0.500 U	**0.730**	0.500 U	**0.540**	**12.0**	**11.1**
	10/01/12		0.200 U	**574**	0.500 U	**2.26**	**2.11**	0.500 U	1.00 U	0.500 U	0.500 U	**27.9**	0.500 U	0.500 U	**0.910**	0.500 UJ	**1.02**	**19.3**	**17.8**
	12/19/12		0.200 U	**331**	0.500 U	0.500 U	**1.86**	0.500 U	1.00 U	0.500 U	0.500 U	**19.6**	0.500 U	0.500 U	**0.940**	0.500 U	**0.710**	**17.2**	**14.9**
	03/07/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.710**	**17.2**	0.5 U
	06/06/13		0.200 U	**552**	0.500 U	**2.55**	**1.69**	0.500 U	1.00 U	0.500 U	0.500 U	**24.5**	0.500 U	0.500 U	**0.770**	0.500 U	0.500 U	**17.97**	**13.2**
	09/26/13		0.200 U	**484**	0.500 U	**3.26**	**1.76**	0.500 U	1.00 U	0.500 U	**3.91**	**28.8**	0.500 U	0.500 U	**0.790**	0.500 U	0.500 U	**17.28**	**21.5**
	03/26/14		0.200 U	**175**	0.500 U	0.500 U	**1.01**	0.500 U	1.00 U	0.500 U	**1.59**	**9.71**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**7.80**	**10.6**
	09/25/14		0.200 U	**202**	0.500 U	0.500 U	**1.63**	0.500 U	1.00 U	0.500 U	0.500 U	**14.3**	0.500 U	0.500 U	**0.656**	0.500 U	0.500 U	**10.74**	**24.7**
MW-18	03/30/10		**0.09 J**	**4.5**	0.5 U	0.5 U	**1.1**	**0.2 J**	1.0 U	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	0.5 U
	09/28/10		**5.33**	**1.39**	0.5 U	0.5 U	**0.34 J**	**4.40**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.26 J**	0.5 U	0.5 U	**0.62**	0.5 U
	03/04/11		0.2 U	**2.77**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.29**	0.5 U
	3/4/11 (LAB DUP)		0.2 U	**3.21**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.42**	0.5 U
	06/23/11		**0.590**	**0.99**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	**1.37**	0.5 U
	09/22/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/07/12		**115**	**1.95**	0.500 U	0.500 U	**0.56**	**213**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.86**	0.500 U	0.500 U	**0.770**	0.500 U
	06/27/12		**5.34**	**1.81**	0.500 U	0.500 U	0.500 U	**4.48**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.08**	0.500 U	**0.550**	**1.090**	0.500 U
	10/01/12		**22.7**	0.500 U	0.500 U	0.500 U	0.500 U	**14.8**	1.00 U	0.500 U	0.500 U	0.500 U	**1.13**	0.500 U	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
	12/19/12		**1.08**	**1.58**	0.500 U	0.500 U	0.500 U	**0.91**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.810**	0.500 U
	12/19/12 (DUP)		**0.95**	**1.70**	0.500 U	0.500 U	0.500 U	**1.25**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.840**	0.500 U
	03/05/13		**0.590 J**	**0.570**	0.500 U	0.500 U	0.500 U	**0.690**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.930**	**0.790**	0.500 U
	06/06/13		**1.20**	**1.42**	0.500 U	0.500 U	0.500 U	**0.900**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.520**	0.500 U
	09/26/13		0.200 U	**2.85**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.500**	0.500 U
	03/26/14		0.200 U	**1.34**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.970**	**0.504**
	09/24/14		0.200 U	**1.46**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-19	03/30/10		**5.0**	**2.4**	0.5 U	0.5 U	**0.8**	**1.1**	1.0 U	0.5 U	0.5 U	**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.2**	0.5 U
	3/30/10 (LAB DUP)		**4.4**	**2.4**	0.5 U	0.5 U	**0.9**	**1.2**	1.0 U	0.5 U	0.5 U	**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.6**	0.5 U
	09/28/10		**97.2**	**10.4**	0.5 U	0.5 U	**1.06**	**24.0**	1.0 U	0.5 U	0.5 U	**0.93**	0.5 U	0.5 U	**6.43**	0.5 U	**2.08**	**8.11**	**2.00**
	03/07/11		**64.8**	**2.33**	0.5 U	0.5 U	0.5 U	**99.0**	1.0 U	0.5 U	0.5 U	**0.890**	0.5 U	0.5 U	**7.30**	0.5 U	**9.55**	**31.6**	**3.37**
	09/21/11		**633**	**6.56**	**3.26**	0.5 U	**2.71**	**1,330**	1.0 U	0.5 U	0.5 U	**1.01**	0.5 U	0.5 U	**16.8**	0.5 U	**6.29**	**13.27**	**1.96**
	12/07/11		**1,360**	**16.0**	**1.06**	0.5 U	**4.99**	**833**	1.0 U	0.5 U	0.5 U	**1.22**	0.5 U	0.5 U	**54.2**	0.5 U	**17.9**	**53.5**	**5.02**
	03/08/12		**572**	**11.1**	0.500 U	0.500 U	**4.70**	**324**	1.00 U	0.500 U	0.500 U	**1.42**	0.500 U	0.500 U	**64.3**	0.500 U	**30.5**	**85.2**	**6.48**
	06/27/12		**118**	0.500 U	0.500 U	0.500 U	**0.73**	**116**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.85**	0.500 U	**1.26**	**3.11**	0.500 U
	09/28/12		**81**	**0.76**	0.500 U	0.500 U	**1.45**	**73.0 J**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.14**	0.500 U	**2.42**	**4.73**	0.500 U
	12/19/12		**342**	**2.97**	0.500 U	0.500 U	**1.80**	**128**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**3.02**	0.500 U	**3.76**	**4.83**	**1.11**
	03/05/13		**1,420**	0.500 U	**4.33**	**0.750**	**10.4**	**1,890**	1.00 U	0.500 U	0.500 U	**2.31**	0.500 U	0.500 U	**54.3**	0.500 U	**43.0**	**93.1**	**8.80**
	06/06/13		**2,240 J**	**43.6**	**3.58**	0.500 U	**6.35 J**	**2,560 J**	1.00 U	0.500 U	0.500 U	**1.95**	0.500 U	0.500 U	**63.3**	0.500 U	**45.8**	**85.3**	**9.91**
	6/6/13 (DUP)		**3,620 J**	**59.0**	**4.68**	**0.570**	**8.65 J**	**4,300 J**	1.00 U	0.500 U	0.500 U	**2.46**	0.500 U	0.500 U	**75.8**	0.500 U	**52.5**	**97.2**	**11.3**
	09/25/13		**664**	**20.9**	0.500 U	0.500 U	**4.88**	**285**	1.00 U	0.500 U	0.500 U	**1.41**	0.500 U	0.500 U	**42.3**	0.500 U	**36.8**	**66.8**	**10.3**
	03/27/14		**4.63**	**0.850**	0.500 U	0.500 U	0.500 U	**1.79**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.91**	0.500 U	**3.28**	**6.81**	**1.05**
	3/27/14 (DUP)		**4.87**	**0.880**	0.500 U	0.500 U	**0.960**	**1.86**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.92**	0.500 U	**3.37**	**6.97**	**1.03**
	09/25/14		0.200 U	**5.47**	0.500 U	0.500 U	**2.17**	**0.62**	1.00 U	0.500 U	0.500 U	**0.688**	0.500 U	0.500 U	**0.648**	0.500 U	**9.91**	**35.82**	**11.2**
MW-20	03/29/10		**0.2**	**140**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	**18 J**	0.5 U	0.5 U	**1.0**	0.5 U	0.5 U	**7.1**	0.5 U
	10/01/10		**0.12 J**	**195**	0.5 U	**0.73 J**	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	**15.2**	0.5 U	0.5 U	**0.94**	0.5 U	0.5 U	**4.26**	**1.27**
	03/02/11		0.2 U	**75.5**	0.5 U	0.5 U	0.5 U	**1.38**	1.0 U	0.5 U	0.5 U	**12.8**	0.5 U	0.5 U	**1.58**	0.5 U	0.5 U	**17.7**	**1.05**

Table 3

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-20 (continued)	09/26/11		0.2 U	**161**	0.5 U	**0.620**	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	**13.9**	0.5 U	0.5 U	**0.930**	0.5 U	0.5 U	**4.33**	**0.890**
	03/08/12		0.200 U	**71.6**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	**10.9**	0.500 U	0.500 U	**0.880**	0.500 U	0.500 U	**4.69**	**0.600**
	10/01/12		0.200 U	**161**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	**14.8**	0.500 U	0.500 U	**0.950**	0.500 UJ	0.500 U	**5.10**	**1.26**
	03/08/13		0.200 U	**4.40**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.890**	**0.790**	0.5 U
	06/06/13		0.200 U	**100**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	**10.3**	0.500 U	0.500 U	**0.530**	0.500 U	0.500 U	**3.28**	0.500 U
	09/27/13		0.200 U	**122**	0.500 U	**0.670**	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	**16.0**	0.500 U	0.500 U	**1.06**	0.500 U	0.500 U	**5.51**	**1.10**
	03/27/14		0.200 U	**92.0**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	**11.7**	0.500 U	0.500 U	**0.830**	0.500 U	0.500 U	**5.00**	**1.15**
	09/25/14		0.200 U	**127**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	**11.7**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-21	03/26/10		**350**	**400**	10 U	0.5 U	10 U	**280**	1.0 U	**8.8 J**	0.5 U	**18**	0.5 U	0.5 U	**2,400**	0.5 U	**740**	**1,800**	**58**
	04/16/10		**2,100**	**1,400**	**19**	10 U	**810**	**3,800**	20 U	**70**	10 U	10 U	10 U	10 U	**4,700**	10 U	**1,600**	**3,800**	**190**
	05/06/10		**490**	**1,200**	5.0 U	10 U	**220**	**370**	20 U	**34**	10 U	10 U	5.0 U	10 U	**5,400**	5.0 U	**1,900**	**4,600**	**190**
	5/6/10 (DUP)		**520**	**1,200**	5.0 U	10 U	**210**	**380**	20 U	**34**	10 U	10 U	5.0 U	10 U	**5,400**	5.0 U	**1,800**	**4,600**	**180**
	06/09/10		**150**	**1,000**	5.0 U	10 U	**110**	**67**	20 U	**16**	10 U	10 U	5.0 U	10 U	**3,200**	5.0 U	**540**	**1,400**	**49**
	07/06/10		**210**	**1,600**	5.0 U	10 U	**90**	**42**	20 U	**13**	10 U	10 U	5.0 U	10 U	**5,500**	5.0 U	**640**	**1,600**	**98**
	7/6/10 (LAB DUP)		**170**	**1,500**	5.0 U	10 U	**80**	**34**	20 U	**11**	10 U	10 U	5.0 U	10 U	**5,000**	5.0 U	**670**	**1,500**	**76**
	09/30/10		**243**	**1,120**	5.0 U	**11.0**	**90.6**	**131**	20 U	10 U	10 U	10 U	5.0 U	10 U	**4,890**	5.0 U	**1,120**	**2,880**	**142**
	03/02/11		**1,030**	**1,130**	**9.28**	**4.61**	**288**	**3,330**	1.0 U	**34.7**	0.5 U	**0.750**	**2.11**	0.5 U	**4,630 J**	**1.92**	**1,045**	**4,250**	**174**
	3/2/11 (DUP)		**875**	**921**	**9.09**	**4.93**	**295**	**2,820**	1.0 U	**35.5**	0.5 U	**0.820**	**1.95**	0.5 U	**3,830**	**1.81**	**899**	**3,640**	**175**
	3/2/11 (LAB DUP)		**912**	**869**	**9.12**	**4.73**	**286**	**2,760**	1.0 U	**34.3**	0.5 U	**0.780**	**1.97**	0.5 U	**3,760**	**1.85**	**873**	**3,560**	**177**
	06/23/11		**1,290**	**921**	**9.72**	**3.04**	**219**	**2,560**	1.0 U	**51.2**	0.5 U	**0.790**	**1.44**	**1.15 J**	**3,630**	**0.780**	**983**	**3,720**	**171**
	6/23/11 (DUP)		**1,350**	**983**	**9.83**	**3.06**	**243**	**2,630**	1.0 U	**48.9**	0.5 U	**0.800**	**1.38**	0.5 UJ	**3,760**	**0.630**	**1,050**	**4,020**	**200**
	09/22/11		**1,010**	0.5 U	**2.72**	**4.92**	**112**	**842**	1.0 U	**5.26**	0.5 U	**0.790**	**0.940**	0.5 U	**6,060**	**0.740**	**926**	**3,822**	**134**
	12/07/11		**1,460**	**1,190**	**5.62**	**3.82**	**115**	**1,890**	1.0 U	**8.73**	0.5 U	**0.770**	**1.15**	0.5 U	**6,720**	**1.12**	**1,350**	**5,520**	**185**
	03/08/12		**801**	**913**	**2.44**	**2.91**	**70.6**	**979**	1.00 U	**4.64**	0.500 U	**0.660**	**0.710**	0.500 U	**5,250**	**1.02**	**1,050**	**4,430**	**128**
	06/26/12		**1,040 J**	**962**	**5.01**	**2.24**	**96.0**	**2,000**	1.00 U	**7.19**	0.500 U	**0.810**	**0.940**	0.500 U	**5,940**	**1.86**	**1,460**	**5,930**	**158**
	10/02/12		**1,610**	**1,170**	**4.27**	**2.76**	**73.5**	**1,530**	1.00 U	**4.37**	0.500 U	**0.970**	**1.59**	0.500 U	**6,710**	**1.19**	**1,560**	**6,540**	**156**
	10/2/12 (DUP)		**1,590**	**1,130**	**4.26**	**2.68**	**76.0**	**1,500**	1.00 U	**4.04**	0.500 U	**0.960**	**0.810**	0.500 U	**6,280**	**1.07**	**1,540**	**6,340**	**154**
	12/20/12		**1,210**	**825**	**3.17**	**1.35**	**76.0**	**1,070**	1.00 U	0.500 U	0.500 U	**0.880**	0.500 U	0.500 U	**5,600**	**0.86**	**1,490**	**6,200**	**154**
	03/06/13		**1,120**	**615**	**2.85**	**2.27**	**72.5**	**1,240**	1.00 U	**1.42**	0.500 U	**0.530**	**1.26**	0.500 U	**4,360**	**1.55**	**1,470**	**6,450**	**82.0**
	06/06/13		**663**	**928**	0.500 U	**2.27**	**89.0**	**988**	1.00 U	**2.81**	0.500 U	**0.810**	**0.500**	0.500 U	**4,520**	**1.17**	**1,290**	**5,310**	**121**
	09/25/13		**666**	**579**	**1.80**	**1.99**	**82.6**	**712**	1.00 U	**3.02**	0.500 U	**0.770**	0.500 U	0.500 U	**5,290**	0.500 U	**2,060**	**8,710**	**297**
	03/26/14		**449**	**615**	0.500 U	**0.880**	**58.9**	**227**	1.00 U	0.500 U	0.500 U	**0.810**	0.500 U	0.500 U	**2,650**	**1.17**	**1,380**	**5,840**	**237**
	09/24/14		**184 J**	**477 J**	0.500 U	**1.36 J**	**60.0 J**	**57.9 J**	1.00 UJ	0.500 U	0.500 U	**0.810 J**	0.500 U	**2.29 J**	**1,480 J**	0.500 U	**1,670 J**	**7,900 J**	**317 J**
MW-22	03/29/10		**7.4**	**480**	0.5 U	10 U	**24**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**840**	25 U	**650**	**1,500**	**44**
	09/30/10		2.0 UJ	**611**	0.5 U	**10.8**	10 U	**2.6 J**	20 U	10 U	10 U	10 U	5.0 U	10 U	**24.4**	5.0 U	**296**	**751**	**45.2**
	03/04/11		**74.1**	**531**	**0.780**	0.5 U	**26.9**	**184**	1.0 U	0.5 U	**0.540**	**1.20**	**16.7**	0.5 U	**596**	**0.500**	**531**	**2,750**	**161**
	06/23/11		**1.13**	**173**	**0.660**	**0.580**	**3.98**	**2.27**	1.0 U	0.5 U	0.5 U	**0.64**	0.5 U	0.5 UJ	**55.4**	0.5 U	**148**	**1,008**	**45.9**
	09/23/11		**9.27**	0.5 U	0.5 U	**1.19**	**7.40**	**2.10**	1.0 U	0.5 U	0.5 U	**0.920**	0.5 U	0.5 U	**79.0**	0.5 U	**422**	**1,828**	**74.2**
	12/07/11		**32.4**	**272**	0.5 U	**0.770**	**13.1**	**10.1**	1.0 U	0.5 U	0.5 U	**0.550**	0.5 U	0.5 U	**1,390**	0.5 U	**760**	**3,081**	**137**
	03/08/12		**6.8**	**286**	0.500 U	**0.520**	**13.1**	**1.15**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1,630**	0.500 U	**815**	**3,388**	**169**
	06/26/12		**1,750 J**	**280**	**0.560**	**0.510**	**38.9**	**1,300**	1.00 U	**2.06**	0.500 U	**0.730**	0.500 U	0.500 U	**1,910**	0.500 U	**807**	**3,336**	**166**
	6/26/12 (DUP)		**1,230 J**	**282**	0.500 U	0.500 U	**38.3**	**1,030**	1.00 U	**1.93**	0.500 U	**0.720**	0.500 U	0.500 U	**1,750**	0.500 U	**743**	**3,002**	**178**
	10/02/12		**1,520**	**204**	0.500 U	0.500 U	**30.4**	**623**	1.00 U	0.500 U	0.500 U	**0.680**	0.500 U	0.500 U	**728**	0.500 U	**552**	**2,643**	**136**
	12/19/12		**208**	**278**	**1.63**	0.500 U	**9.76**	**244**	1.00 U	0.500 U	0.500 U	0.500 U	**64.5**	0.500 U	**260**	**1.05**	**732**	**3,455**	**172**
	03/06/13		**712**	0.5 U	**6.77**	**1.06**	**17.4**	**1,310**	1.00 U	**1.26**	0.500 U	**0.560**	**185**	0.500 U	**156**	**4.41**	**376 J**	**2,168 J**	**51.5 J**
	06/06/13		**1,600**	**88.0**	**2.60**	0.500 U	**21.9**	**1,760**	1.00 U	**1.86**	0.500 U	**0.510**	0.500 U	0.500 U	**550**	0.500 U	**199**	**1,004**	**69.5**
	09/25/13		**45.6**	**104**	0.500 U	0.500 U	**7.88**	**25.0**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**25.0**	0.500 U	**256**	**1,911**	**168**
	03/26/14		**422**	**113**	**0.789**	0.500 U	**9.71**	**426**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**55.1**	0.500 U	**121**	**1,207.4**	**105**
	09/24/14		0.200 U	**45.1**	0.500 U	0.500 U	**3.14**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.90**	0.500 U	**48.3**	**1,423.1**	**121**
	09/24/14 (DUP)		**0.345**	**59.5**	0.500 U	0.500 U	**3.19**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.56**	0.500 U	**43.7**	**1,283.5**	**142**
MW-23	04/01/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.9**	0.5 U	0.5 U	0.5 U
	09/28/10		0.2 UJ	0.5 U	0.5 U	0.5 U	**0.31 J**	**0.63**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.17**	0.5 U	0.5 U	0.5 U
	03/02/11		0.2 U	**0.680**	0.5 U	0.5 U	0.5 U	**5.73**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.32**	**1.76**	**0.730**	**3.43**	0.5 U
	06/22/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.16**	0.5 U	0.5 U	0.5 U
	09/23/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.16**	0.5 U	0.5 U	0.5 U
	12/07/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.56**	0.5 U	0.5 U	0.5 U
	03/07/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.04**	0.500 U	0.500 U	0.500 U
	06/26/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**4.86**	0.500 U	0.500 U	0.500 U
	09/27/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.64**	0.500 U	0.500 U	0.500 U
	12/19/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.83**	0.500 U	0.500 U	0.500 U
	03/05/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.42**	1.00 U	0.500 U	0.500 U	0.500 U	**1.03**	0.500 U	**0.650**	**1.85**	**1.08**	**1.68**	0.500 U
	06/06/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**5.46**	0.500 U	0.500 U	0.500 U
	09/24/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.26**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.17**	0.500 U	**0.920**	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**7.36**	0.500 U	0.500 U	0.500 U

Table 3

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-23	09/25/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**3.32**	0.500 U	0.500 U	0.500 U
(continued)	09/25/14 (DUP)		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**3.23**	0.500 U	0.500 U	0.500 U
MW-24	03/26/10		**1,200**	**160**	**17**	0.5 U	**540**	**4,100**	**4.5**	**680**	0.5 U	**0.9**	**160**	0.5 U	**4,800**	0.5 U	**1,900**	**3,600**	**230**
	04/16/10		**320**	**1,100**	10 U	10 U	**260**	**80**	20 U	10 U	10 U	10 U	5.0 U	10 U	**3,800**	10 U	**1,300**	**3,300**	**18**
	05/06/10		**1,900**	**900**	5.0 U	10 U	**820**	**930**	20 U	10 U	10 U	10 U	5.0 U	10 U	**6,200**	5.0 U	**1,800**	**4,000**	**72**
	5/6/10 (LAB DUP)		**2,000**	**970**	5.0 U	10 U	**850**	**980**	20 U	10 U	10 U	10 U	5.0 U	10 U	**6,800**	5.0 U	**1,800**	**4,400**	**71**
	06/09/10		**3,400**	**89**	**22**	10 U	**1,300**	**2,200**	20 U	**97**	10 U	10 U	**5.2**	10 U	**5,900**	**2.2 J**	**1,600**	**3,600**	**130**
	07/06/10		**4,200**	**1,200**	**14**	10 U	**940**	**2,100**	20 U	**120**	10 U	10 U	5.0 U	10 U	**7,300**	5.0 U	**1,200 J**	**2,900**	**180**
	7/6/10 (DUP)		**3,400**	**1,100**	**14**	10 U	**1,100**	**2,400**	20 U	**130**	10 U	10 U	5.0 U	10 U	**6,600**	5.0 U	**830 J**	**2,300**	**140**
MW-25	03/29/10		**2.7**	**410**	0.5 U	0.5 U	**25**	**2.2**	**1.1**	0.5 U	**0.9**	**1.9**	**0.4**	0.5 U	**1,200**	0.5 U	**940**	**1,600**	**160**
	04/07/10		**12**	**730**	10 U	10 U	**48**	10 U	20 U	10 U	10 U	10 U	10 U	10 U	**3,100**	10 U	**1,700**	**2,900**	**180**
	04/16/10		**10**	**1,900**	10 U	10 U	**74**	10 U	20 U	10 U	10 U	10 U	10 U	10 U	**4,100**	10 U	**2,200**	**5,100**	**310**
	4/16/10 (LAB DUP)		**9.2**	**1,800**	10 U	10 U	**70**	10 U	20 U	10 U	10 U	10 U	10 U	10 U	**4,000**	10 U	**2,100**	**5,000**	**290**
	05/06/10		**2.0**	**1,100**	5.0 U	10 U	**32**	5.0 U	20 U	10 U	10 U	10 U	5.0 U	10 U	**2,900**	5.0 U	**1,200**	**3,200**	**130**
	06/09/10		2.0 U	**820**	5.0 U	10 U	**29**	5.0 U	20 U	10 U	10 U	10 U	5.0 U	10 U	**1,200**	**21**	**680**	**1,700**	**110**
	07/06/10		**4.0**	**640**	0.5 U	0.5 U	**25**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**800**	**2.9**	**480**	**980**	**79**
MW-26	04/01/10		0.2 U	0.5 U	**1.3**	0.5 U	0.5 U	**20**	1.0 U	0.5 U	0.5 U	0.5 U	**37**	0.5 U	0.5 U	**380**	0.5 U	0.5 U	0.5 U
	04/09/10		**6.4**	10 U	10 U	10 U	10 U	**10**	20 U	10 U	10 U	10 U	**28**	10 U	10 U	**570**	10 U	10 U	10 U
	4/9/10 (LAB DUP)		**6.2**	10 U	10 U	10 U	10 U	**10**	20 U	10 U	10 U	10 U	**27**	10 U	10 U	**550**	10 U	10 U	10 U
	04/16/10		**8.8**	10 U	10 U	10 U	10 U	**16**	20 U	10 U	10 U	10 U	**32**	10 U	10 U	**320**	10 U	10 U	10 U
	05/06/10		**5.2**	10 U	5.0 U	10 U	10 U	**11**	20 U	10 U	10 U	10 U	**28**	10 U	10 U	**300**	10 U	10 U	10 U
	06/09/10		**12**	10 U	5.0 U	10 U	10 U	**14**	20 U	10 U	10 U	10 U	**31**	10 U	10 U	**350**	10 U	10 U	10 U
	07/06/10		**9.0**	0.5 U	0.5 U	0.5 U	0.5 U	**12**	1.0 U	0.5 U	0.5 U	0.5 U	**29**	0.5 U	0.5 U	**300**	0.5 U	0.5 U	0.5 U
MW-27	09/24/14		0.200 U	0.500 U	0.500 U	0.500 U	**0.569**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-28	09/25/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
INJ-1	07/09/01		**2.9**	**25**	**0.65 J**	U	**9.3**	**29**	0.48 U	0.56 U	0.58 U	0.5 U	**97**	0.62 U	NA	**620**	NA	NA	NA
	11/20/01		0.50 U	**2.8**	0.5 U	1 U	**1.2**	**8.1**	0.5 U	0.5 U	0.5 U	0.21 U	**30**	0.5 U	0.5 U	**17**	0.5 U	0.5 U	NA
	06/11/02		**0.44 J**	0.46 U	**1.9**	0.39 U	**0.60 J**	**520**	0.2 U	0.23 U	0.23 U	NA	**3.7**	0.26 U	0.2 U	**8.5**	0.26 U	0.6 U	0.29 U
INJ-2	07/09/01		**5.5 J**	4.4 U	3 U	4.9 U	< 2.3 U	**200**	2.4 U	2.8 U	2.9 U	0.5 U	**240**	3.1 U	NA	**6,300**	NA	NA	NA
	10/15/01	18	0.5 U	0.50 U	0.5 U	1 U	<0.5 U	**1.1**	0.5 U	0.5 U	0.5 U	0.5 U	**1.8**	0.5 U	0.5 U	**33**	**1.6**	**6**	NA
	10/22/01	18	0.5 U	0.50 U	0.5 U	1 U	<0.5 U	**2**	0.5 U	0.5 U	0.5 U	0.5 U	**2.8**	0.5 U	**0.53**	**57**	**2.9**	**11.3**	NA
	10/29/01	18	0.5 U	0.50 U	0.5 U	1 U	<0.5 U	**2.9**	0.5 U	0.5 U	0.5 U	0.5 U	**4.3**	0.5 U	**0.65**	**68**	**1.4**	**6.8**	NA
	11/19/01		0.5 U	0.50 U	0.5 U	1 U	<0.5 U	**7.3**	0.5 U	0.5 U	0.5 U	1.1 U	**9.2**	0.5 U	0.5 U	**230**	**0.89**	**4.4**	NA
	06/11/02		2.2 U	2.3 U	**5.4**	2 U	< 0.91 U	**2,100**	0.96 U	1.2 U	1.2 U	1.1 U	**600**	1.3 U	0.98 U	**1,000**	1.3 U	2.9 U	1.5 U
	06/10/03		2.2 U	2.3 U	**5.3**	2 U	< 0.91 U	**2,100**	0.96 U	1.2 U	1.2 U	NA	**610**	1.3 U	**1.1 JB**	**2,700**	1.3 U	2.9 U	1.5 U
INJ-3	07/09/01		**7.3**	**5.9**	**0.95 J**	0.97 U	**3.4**	**39**	0.48 U	0.56 U	0.58 U	1 U	**250**	0.62 U	NA	**520**	NA	NA	NA
	11/20/01		**1.8**	1.0 U	1.0 U	2 U	1.0 U	**49**	1.0 U	1.0 U	1.0 U	0.53 U	**130**	1.0 U	1.0 U	**670**	1.0 U	1.0 U	NA
	06/11/02		**180**	1.2 U	**3.4**	0.97 U	**1.2 J**	**1,200**	0.48 U	0.57 U	0.57 U	**1.3**	**240**	0.62 U	0.49 U	**530**	0.65 U	1.5 U	0.71 U
	12/17/02		**90**	0.50 U	**0.53**	2 U	**2.0**	**250**	0.5 U	0.5 U	0.5 U	**1.2**	**100**	0.5 U	0.5 U	**150**	0.5 U	0.5 U	2 U
	12/17/02 (DUP)		**91**	0.50 U	**0.6**	2 U	**1.9**	**270**	0.5 U	0.5 U	0.5 U	0.21 U	**120**	0.5 U	0.5 U	**180**	0.5 U	0.5 U	2 U
	06/10/03		**78**	**2.2**	**0.98 J**	0.39 U	**0.40 J**	**350**	0.2 U	0.23 U	0.23 U	0.11 U	**140**	0.25 U	**0.8 B**	**390**	0.26 U	0.44 U	0.29 U
P-1	09/24/04		0.22 U	0.23 U	0.12 U	0.2 U	**0.28 J**	**1.2**	0.096 U	0.12 U	0.12 U	NA	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U

NOTES:

All results in ug/L.
1995 analyses performed using EPA Method 8240A.
Analyses since 1996 performed using EPA Method 8260A.
Only indicator hazardous substances shown.
Detections shown in bold.
Shaded results above their respective cleanup level.
U = not detected above associated method reporting limit.
NA = not analyzed or not quantitated
DUP = duplicate sample collected in the field and blind labeled.
LAB DUP = laboratory duplicate sample.
B = the analyte was also detected in an associated blank.
J = the associated numerical value is an estimated quantity based on data review or laboratory estimate above the MDL but below the MRL.
E = laboratory estimated concentration.
Results from June 2000 and from December 2000 to September 2008 are reported relative to the method detection limits (MDLs).
1,2,4-TMB = 1,2,4-trimethylbenzene.
1,1-DCA = 1,1-dichlorethane.
1,2-DCA = 1,2-dichlorethane.
1,1-DCE = 1,1-dichlorethene.
cis-1,2-DCE = cis-1,2-dichloroethene.
TCA = 1,1,1-trichloroethane.
TCE = trichloroethene.
PCE = tetrachloroethene.

Table 4

General Chemistry Parameters in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Anions (EPA Method 300.0)				Sulfide	Total Alkalinity		Total Organic Carbon	Total Manganese	Total Iron		Ferrous Iron	Dissolved Metals (EPA Method 200.8)				TDS
		Chloride	Bromide	Nitrate as Nitrogen	Sulfate	Hach Method 8131 or SM 4500-S2-F	Hach Method AL AP MG-L	SM 2320B	EPA Method 415.1 or SM 5310B	EPA Method 6010A/6010B	EPA Method 6010A/6010B	Hach Method 8008	Hach Method 8146	Iron	Manganese	Sodium	Potassium	EPA Method 160.1
MW-1	09/04/96	130	NA	NA	88.0	NA	NA	NA	NA	2.1	29.6	NA	NA	NA	NA	NA	NA	990
	12/15/98	68.5	NA	< 0.2	4.3	0.070	500	NA	47.0	NA	NA	23.4	24.6	NA	NA	NA	NA	NA
	03/02/99	64.5	NA	0.2	5.8	0.266	540	NA	37.0	NA	NA	29.4	18.2	NA	NA	NA	NA	NA
	06/17/99	49	NA	0.3	6.7	0.110	460	NA	40.5	NA	NA	24.0	20.8	NA	NA	NA	NA	NA
	09/16/99	59.8	NA	< 0.2	7.2	0.249	400	NA	42.1	NA	NA	11.0	18.8	NA	NA	NA	NA	NA
	09/18/02	NA	NA	NA	NA	NA	NA	NA	37	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/08/12	27.1	NA	< 0.100	3.50	< 0.500	NA	352	NA	NA	NA	NA	1.0	10.4	1.87	NA	NA	NA
	10/01/12	28.9	NA	< 0.100	21.0	< 0.500	NA	290	NA	NA	NA	NA	2.0	7.86	1.64	NA	NA	NA
	03/13/13	17.8	NA	< 0.100	3.2	< 0.500	NA	362	NA	NA	NA	NA	1.8	11.4	1.66	NA	NA	NA
MW-2	09/04/96	18.0	NA	NA	0.3	NA	NA	NA	NA	3.21	112	NA	NA	NA	NA	NA	NA	576
	12/15/98	13.6	NA	0.3	5.3	0.017	260	NA	26.4	NA	NA	23.9	30.4	NA	NA	NA	NA	NA
	03/02/99	14.3	NA	0.9	13.1	0.037	360	NA	22.8	NA	NA	46.4	23.0	NA	NA	NA	NA	NA
	06/16/99	13	NA	1.0	7.5	0.054	420	NA	24.2	NA	NA	86.5	66.7	NA	NA	NA	NA	NA
	6/16/99 (DUP)	12.2	NA	1.3	12.8	NA	NA	NA	25.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/99	14.6	NA	< 0.2	< 0.2	0.037	400	NA	27.2	NA	NA	94.6	61.9	NA	NA	NA	NA	NA
	09/18/02	NA	NA	NA	NA	NA	NA	NA	33	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	09/04/96	26.0	NA	NA	0.9	NA	NA	NA	NA	3.17	36.3	NA	NA	NA	NA	NA	NA	952
	9/4/96 (DUP)	26.0	NA	NA	1.1	NA	NA	NA	NA	3.13	38.5	NA	NA	NA	NA	NA	NA	976
	12/14/98	29.8	NA	< 0.2	< 0.2	< 0.001	660	NA	44.5	NA	NA	34.4	34.2	NA	NA	NA	NA	NA
	03/03/99	25.6	NA	< 0.2	0.3	0.013	640	NA	52.8	NA	NA	33.0	31.7	NA	NA	NA	NA	NA
	06/17/99	17.1	NA	< 0.2	< 0.2	0.013	640	NA	57.9	NA	NA	59.7	38.0	NA	NA	NA	NA	NA
	09/17/99	14.5	NA	< 0.2	< 0.2	0.047	520	NA	62.4	NA	NA	100.1	47.7	NA	NA	NA	NA	NA
MW-4	09/04/96	110	NA	NA	37.0	NA	NA	NA	NA	9.89	83.9	NA	NA	NA	NA	NA	NA	796
	12/14/98	89.7	NA	< 0.2	15.6	0.026	840	NA	23.4	NA	NA	59.8	59.1	NA	NA	NA	NA	NA
	03/03/99	45.0	NA	< 0.2	183	0.880	900	NA	12.8	NA	NA	12.9	7.5	NA	NA	NA	NA	NA
	06/17/99	60.9	NA	0.3	61.7	0.159	840	NA	18.2	NA	NA	6.99	4.75	NA	NA	NA	NA	NA
	09/17/99	77.3	NA	< 0.2	2.0	0.071	870	NA	18.4	NA	NA	24.3	13.4	NA	NA	NA	NA	NA
	09/18/02	NA	NA	NA	NA	NA	NA	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/11	NA	NA	NA	NA	NA	NA	NA	19	NA	NA	NA	3.2	NA	NA	NA	NA	NA
	03/08/12	31.9	NA	1.63	18.2	< 0.500	NA	878	13.4	NA	NA	NA	3.0	24.7	3.65	NA	NA	NA
	10/01/12	30.9	NA	< 0.100	14.2	< 0.500	NA	758	NA	NA	NA	NA	NA	11.5	2.62	NA	NA	NA
	03/06/13	27.1	NA	< 0.100	37.6	< 0.500	NA	844	NA	NA	NA	NA	3.7	18.9	2.80	NA	NA	NA
MW-5	09/04/96	17.0	NA	NA	32	NA	NA	NA	NA	0.34	0.107	NA	NA	NA	NA	NA	NA	332
	12/15/98	17.5	NA	< 0.2	17.3	0	200	NA	7.8	NA	NA	0.090	0.024	NA	NA	NA	NA	NA
	03/02/99	6.9	NA	2.4	22.0	0.002	145	NA	4.8	NA	NA	0.137	0.060	NA	NA	NA	NA	NA
	06/16/99	6.2	NA	2.5	20.5	0.002	180	NA	6.0	NA	NA	0.125	0.042	NA	NA	NA	NA	NA
	09/16/99	6.8	NA	1.5	20.7	0.001	160	NA	5.9	NA	NA	0.052	0.008	NA	NA	NA	NA	NA
	9/16/99 (DUP)	6.2	NA	1.5	20.4	NA	NA	NA	5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/18/02	NA	NA	NA	NA	NA	NA	NA	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/13/06	NA	NA	0.6	34.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/10	NA	< 0.1	NA	NA	NA	NA	NA	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/09/10	NA	< 0.1	NA	NA	NA	NA	NA	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	< 0.1	NA	NA	NA	NA	NA	6.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/16/10 (LAB DUP)	NA	< 0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	< 2.0	NA	NA	NA	NA	NA	5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	< 0.1	NA	NA	NA	NA	NA	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	< 0.1	NA	NA	NA	NA	NA	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	NA	NA	NA	NA	NA	NA	5.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/03/11	3.68	NA	0.645	24.8	< 0.5	NA	109	4.40	NA	NA	NA	NA	0.0564	0.0128	NA	NA	NA

Table 4

General Chemistry Parameters in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Anions (EPA Method 300.0)				Sulfide	Total Alkalinity		Total Organic Carbon	Total Manganese	Total Iron		Ferrous Iron	Dissolved Metals (EPA Method 200.8)				TDS
		Chloride	Bromide	Nitrate as Nitrogen	Sulfate	Hach Method 8131 or SM 4500-S2-F	Hach Method AL AP MG-L	SM 2320B	EPA Method 415.1 or SM 5310B	EPA Method 6010A/6010B	EPA Method 6010A/6010B	Hach Method 8008	Hach Method 8146	Iron	Manganese	Sodium	Potassium	EPA Method 160.1
MW-5 (continued)	3/3/11 (LAB DUP)	3.68	NA	0.666	24.7	NA	NA	108	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/22/11	2.26	NA	0.743	11.2	< 0.500	NA	111	4.32	NA	NA	NA	NA	< 0.1	0.105	NA	NA	NA
	09/22/11	2.32	NA	0.161	11.6	< 0.500	NA	142	3.87	NA	NA	NA	2.8	0.376	0.252	NA	NA	NA
	12/07/11	2.27	NA	0.146	11.5	< 0.500	NA	118	5.65	NA	NA	NA	0.8	0.241	0.316	NA	NA	NA
	03/07/12	2.50	NA	< 0.100	15.3	< 0.500	NA	124	5.07	NA	NA	NA	0.8	0.425	0.635	NA	NA	NA
	06/26/12	2.74	NA	< 0.100	16.1	< 0.500	NA	142	4.94	NA	NA	NA	NA	1.82	0.304	NA	NA	NA
	09/27/12	2.66	NA	< 0.100	12.1	< 0.500	NA	154	6.38	NA	NA	NA	1.0	1.33	0.215	NA	NA	NA
	12/19/12	3.30	NA	< 0.100	10.1	< 0.500	NA	158	8.92	NA	NA	NA	NA	9.49	0.555	NA	NA	NA
	3/6/2013 (DUP)	3.02	NA	< 0.100	11.5	< 0.500	NA	162	5.39	NA	NA	NA	3.4	6.66	0.320	NA	NA	NA
	03/06/13	3.09	NA	< 0.100	11.4	< 0.500	NA	159	5.08	NA	NA	NA	NA	6.15	0.304	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	6.51	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/13	NA	NA	NA	NA	NA	NA	NA	7.11	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/26/13 (DUP)	NA	NA	NA	NA	NA	NA	NA	7.20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/14	NA	NA	NA	NA	NA	NA	NA	7.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/14	NA	NA	NA	NA	NA	NA	NA	8.75	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	09/04/96	340	NA	NA	0.6	NA	NA	NA	NA	9.28	222	NA	NA	NA	NA	NA	NA	1,260
	12/15/98	199	NA	< 0.2	11.7	0.014	460	NA	22.6	NA	NA	114	125	NA	NA	NA	NA	NA
	03/02/99	213	NA	0.6	19.8	0.015	500	NA	15.8	NA	NA	170	63	NA	NA	NA	NA	NA
	3/2/99 (DUP)	208	NA	0.6	46.6	NA	NA	NA	15.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/16/99	232	NA	0.3	11.6	0.009	520	NA	21	NA	NA	192	120	NA	NA	NA	NA	NA
	09/16/99	130	NA	< 0.5	27.3	0.047	480	NA	18.5	NA	NA	169	95	NA	NA	NA	NA	NA
	09/18/02	NA	NA	NA	NA	NA	NA	NA	20	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	12/14/98	5.4	NA	< 0.2	1.6	0.003	260	NA	9.4	NA	NA	3.36	3.17	NA	NA	NA	NA	NA
	03/03/99	5.7	NA	1.3	12.7	0.010	180	NA	6.5	NA	NA	1.79	1.72	NA	NA	NA	NA	NA
	06/17/99	6.8	NA	2.3	25.1	0.005	200	NA	9.2	NA	NA	2.21	1.86	NA	NA	NA	NA	NA
	09/17/99	8.1	NA	0.3	21.4	0.004	240	NA	10.6	NA	NA	3.58	2.98	NA	NA	NA	NA	NA
	03/02/11	2.63	NA	2.77	9.10	< 0.5	NA	94.7	3.65	NA	NA	NA	NA	< 0.1	< 0.002	NA	NA	NA
	3/2/11 (LAB DUP)	2.61	NA	2.79	9.18	NA	NA	93.2	NA	NA	NA	NA	NA	< 0.1	< 0.002	NA	NA	NA
	06/22/11	3.16	NA	1.37	9.88	NA	NA	110	5.30	NA	NA	NA	NA	< 0.1	0.00406	NA	NA	NA
	09/22/11	3.55	NA	0.132	10.1	< 0.500	NA	144	7.04	NA	NA	NA	3.00	0.272	0.150	NA	NA	NA
	12/07/11	4.02	NA	0.344	14.5	< 0.500	NA	186	9.44	NA	NA	NA	1.5	0.161	0.227	NA	NA	NA
	03/07/12	2.93	NA	1.49	8.72	< 0.500	NA	108	5.13	NA	NA	NA	0.0	0.154	0.005	NA	NA	NA
	06/26/12	2.63	NA	1.04	8.28	< 0.500	NA	126	5.52	NA	NA	NA	NA	0.119	0.044	NA	NA	NA
	09/27/12	3.23	NA	< 0.100	11.3	< 0.500	NA	150	11.2	NA	NA	NA	0.1	0.181	0.363	NA	NA	NA
	12/19/12	5.93	NA	< 0.100	24.6	< 0.500	NA	326	18.3	NA	NA	NA	NA	0.0739	0.964	NA	NA	NA
	03/05/13	3.12 J	NA	< 0.100	10.1	< 0.500	NA	186	8.58	NA	NA	NA	0.4	0.308	0.792	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	6.37	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/24/13	NA	NA	NA	NA	NA	NA	NA	11.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	2.66	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/14	NA	NA	NA	NA	NA	NA	NA	12.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	12/14/98	9.2	NA	< 0.2	20.4	NA	260	NA	10.0	NA	NA	1.13	0.98	NA	NA	NA	NA	NA
	12/14/98 (DUP)	9.3	NA	< 0.2	20.4	NA	NA	NA	10.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/02/99	12.7	NA	0.3	29.7	0.023	260	NA	8.9	NA	NA	2.03	0.77	NA	NA	NA	NA	NA
	06/16/99	12.8	NA	< 0.2	29.1	0.009	240	NA	9.6	NA	NA	0.70	0.50	NA	NA	NA	NA	NA
	09/16/99	10.5	NA	< 0.2	21.1	0.007	260	NA	10.5	NA	NA	1.02	0.45	NA	NA	NA	NA	NA
	09/18/02	NA	NA	NA	NA	NA	NA	NA	11.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	04/01/10	NA	< 0.1	NA	NA	NA	NA	NA	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/09/10	NA	0.35	NA	NA	NA	NA	NA	4.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	0.35	NA	NA	NA	NA	NA	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	2.6	NA	NA	NA	NA	NA	5.4	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4

General Chemistry Parameters in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Anions (EPA Method 300.0)				Sulfide	Total Alkalinity		Total Organic Carbon	Total Manganese	Total Iron		Ferrous Iron	Dissolved Metals (EPA Method 200.8)				TDS
		Chloride	Bromide	Nitrate as Nitrogen	Sulfate	Hach Method 8131 or SM 4500-S2-F	Hach Method AL AP MG-L	SM 2320B	EPA Method 415.1 or SM 5310B	EPA Method 6010A/6010B	EPA Method 6010A/6010B	Hach Method 8008	Hach Method 8146	Iron	Manganese	Sodium	Potassium	EPA Method 160.1
MW-11 (continued)	5/6/10 (LAB DUP)	NA	2.6	NA	NA	NA	NA	NA	6.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	3.9	NA	NA	NA	NA	NA	5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/9/10 (LAB DUP)	NA	3.9	NA	NA	NA	NA	NA	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	8.1	NA	NA	NA	NA	NA	5.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	03/03/11	3.81	NA	7.85	20.8	< 0.5	NA	102	9.80	NA	NA	NA	NA	0.244	0.0283	NA	NA	NA
	06/22/11	2.51	NA	0.176	13.8	< 0.500	NA	176	47.7	NA	NA	NA	NA	56.4	0.734	NA	NA	NA
	09/22/11	3.42	NA	< 0.100	12.1	< 0.500	NA	157	16.1	NA	NA	NA	3.2	34.7 J	0.187	NA	NA	NA
	9/22/11 (DUP)	3.52	NA	< 0.100	11.6	< 0.500	NA	127	20.8	NA	NA	NA	NA	24.1 J	0.169	NA	NA	NA
	12/07/11	3.75	NA	< 0.100	8.75	< 0.500	NA	159	16.0	NA	NA	NA	1.8	21.6	0.144	NA	NA	NA
	03/07/12	2.82	NA	< 0.100	11.5	< 0.500	NA	190	13.5	NA	NA	NA	3.0	15.7	0.159	NA	NA	NA
	3/7/12 (DUP)	2.81	NA	< 0.100	11.4	< 0.500	NA	186	14.7	NA	NA	NA	NA	15.8	0.172	NA	NA	NA
	06/26/12	5.22	NA	< 0.100	9.52	< 0.500	NA	230	17.9	NA	NA	NA	NA	14.1	0.274	NA	NA	NA
	10/02/12	4.98	NA	< 0.100	6.57	< 0.500	NA	201	20.0	NA	NA	NA	1.8	17.1	0.154	NA	NA	NA
	12/19/12	5.22	NA	< 0.100	7.93	< 0.500	NA	199	15.1	NA	NA	NA	NA	16.4	0.181	NA	NA	NA
	03/06/13	4.79	NA	< 0.100	7.62	< 0.500	NA	167	12.0	NA	NA	NA	3.8	14.6	0.143	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	11.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/13	NA	NA	NA	NA	NA	NA	NA	13.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/14	NA	NA	NA	NA	NA	NA	NA	11.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/25/14 (DUP)	NA	NA	NA	NA	NA	NA	NA	11.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/14	NA	NA	NA	NA	NA	NA	NA	15.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	09/24/04	56.1	NA	< 0.2	0.6	0.05	260	NA	40.3	1.40	37.1	NA	1.5	NA	NA	NA	NA	NA
	04/05/05	4.3	NA	< 0.1	6.1	< 0.01	50	NA	5.8	0.145	3.3	NA	2.4	NA	NA	NA	NA	NA
	09/14/06	NA	NA	< 0.1	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/10	NA	0.45	NA	NA	NA	NA	NA	29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/29/10 (LAB DUP)	NA	0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/10	NA	0.44	NA	NA	NA	NA	NA	30	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/7/10 (LAB DUP)	NA	0.46	NA	NA	NA	NA	NA	30	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	0.47	NA	NA	NA	NA	NA	30	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	< 2.0	NA	NA	NA	NA	NA	32	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	0.64	NA	NA	NA	NA	NA	34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	0.66	NA	NA	NA	NA	NA	32	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/03/11	42.2	NA	< 0.1	0.253	< 0.5	NA	242	47.1	NA	NA	NA	NA	33.7	1.87	NA	NA	NA
	3/3/11 (LAB DUP)	NA	NA	NA	NA	NA	NA	NA	48.3	NA	NA	NA	NA	34.4	1.84	NA	NA	NA
	06/23/11	32.1	NA	< 0.1 J	0.894	< 0.500	NA	274	72.0	NA	NA	NA	NA	54.3	2.67	NA	NA	NA
	09/22/11	39.4	NA	< 0.1	0.563	< 0.500	NA	264	63.5	NA	NA	NA	2.6	63.6	2.36	NA	NA	NA
	12/07/11	38.6	NA	< 0.1	0.801	< 0.500	NA	303	47.7	NA	NA	NA	4.9	49.8	2.09	NA	NA	NA
	03/07/12	35.1	NA	< 0.100	< 0.300	< 0.500	NA	324	31.0	NA	NA	NA	5.0	49.6	1.77	NA	NA	NA
	06/27/12	32.7	NA	0.856	< 0.300	< 0.500	NA	306	31.0	NA	NA	NA	NA	45.0	1.89	NA	NA	NA
	10/02/12	29.6	NA	< 0.100	0.630	< 0.500	NA	292	19.6	NA	NA	NA	1.9	32.3	1.38	NA	NA	NA
	12/19/12	30	NA	< 0.100	0.788	< 0.500	NA	267	20.2	NA	NA	NA	NA	38.4	1.35	NA	NA	NA
	03/07/13	28.6	NA	< 0.100	< 0.300	< 0.500	NA	386	15.8	NA	NA	NA	1.8	38.1	1.39	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	16.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/13	NA	NA	NA	NA	NA	NA	NA	11.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	12.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/14	NA	NA	NA	NA	NA	NA	NA	15.2	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4

General Chemistry Parameters in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Anions (EPA Method 300.0)				Sulfide	Total Alkalinity		Total Organic Carbon	Total Manganese	Total Iron		Ferrous Iron	Dissolved Metals (EPA Method 200.8)				TDS
		Chloride	Bromide	Nitrate as Nitrogen	Sulfate	Hach Method 8131 or SM 4500-S2-F	Hach Method AL AP MG-L	SM 2320B	EPA Method 415.1 or SM 5310B	EPA Method 6010A/6010B	EPA Method 6010A/6010B	Hach Method 8008	Hach Method 8146	Iron	Manganese	Sodium	Potassium	EPA Method 160.1
MW-14	09/24/04	6.2	NA	< 0.2	< 0.2	< 0.01	240	NA	11.8	1.12	32.7	NA	2.0	NA	NA	NA	NA	NA
	04/05/05	6.3	NA	< 0.1	< 0.2	< 0.01	215	NA	12.8	1.24	35.7	NA	1.8	NA	NA	NA	NA	NA
MW-15	09/24/04	6.6	NA	< 0.2	< 0.2	< 0.01	240	NA	7.9	1.33	34.8	NA	1.6		NA	NA	NA	NA
	04/05/05	7.5	NA	< 0.1	< 0.2	< 0.01	190	NA	8.0	1.41	35.9	NA	2.0		NA	NA	NA	NA
	09/13/06	NA	NA	< 0.1	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA
MW-16	09/23/04	33.5	NA	< 0.2	8.1	< 0.01	420	NA	24.1	3.71	108	NA	2.0	NA	NA	NA	NA	NA
	04/05/05	36.2	NA	< 0.1	1.1	< 0.01	295	NA	23.6	3.92	114	NA	2.2	NA	NA	NA	NA	NA
MW-17	09/23/04	49.7	NA	< 0.2	< 0.2	< 0.01	1,320	NA	32.9	1.77	55.7	NA	2.4	NA	NA	NA	NA	NA
	9/23/04 (DUP)	46.9	NA	< 0.2	< 0.2	NA	NA	NA	32.8	1.75	54.9	NA	NA	NA	NA	NA	NA	NA
	04/05/05	50.0	NA	< 0.1	< 0.2	< 0.01	230	NA	32.7	0.92	40.1	NA	2.5	NA	NA	NA	NA	NA
	09/12/06	NA	NA	< 0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/07/11	49.4	NA	< 0.1	0.240	< 0.5	NA	707	34.8	NA	NA	NA	NA	50.3	2.18	34.1	13.5	NA
	3/7/11 (LAB DUP)	49.5	NA	< 0.1	0.239	< 0.5	NA	691	34.7	NA	NA	NA	NA	50.8	2.16	37.0	15.7	NA
	06/23/11	51.8	NA	1.23 J	0.888	< 0.500	NA	574	31.9	NA	NA	NA	NA	38.7	1.47	37.0	15.7	NA
	09/23/11	51.1	NA	< 0.1	0.627	< 0.500	NA	436	25.1	NA	NA	NA	2.8	37.4	1.11	NA	NA	NA
	03/08/12	56.7	NA	0.130	0.312	< 0.500	NA	582	41.8	NA	NA	NA	2.0	51.6	1.44	NA	NA	NA
	06/27/12	64.6	NA	1.34	0.335	< 0.500	NA	597	37.1	NA	NA	NA	NA	54.3	1.87	NA	NA	NA
	10/01/12	49.6	NA	< 0.100	0.622	< 0.500	NA	536	32.5	NA	NA	NA	3.0	24.7	0.843	NA	NA	NA
	12/19/12	54.7	NA	0.601	0.743	< 0.500	NA	582	42.6	NA	NA	NA	NA	58.4	1.98	NA	NA	NA
	03/07/13	64.3	NA	0.103	< 0.300	< 0.500	NA	445	30.5	NA	NA	NA	5.6	48.0	1.26	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	32.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/13	NA	NA	NA	NA	NA	NA	NA	29.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	19.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/14	NA	NA	NA	NA	NA	NA	NA	35.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18	09/23/04	8.7	NA	< 0.2	< 0.2	< 0.01	380	NA	17.1	1.64	54.4	NA	2.3	NA	NA	NA	NA	NA
	04/05/05	8.9	NA	< 0.1	< 0.2	< 0.01	295	NA	17.7	1.62	50.2	NA	2.4	NA	NA	NA	NA	NA
	4/5/05 (DUP)	8.8	NA	< 0.1	< 0.2	NA	NA	NA	17.2	1.61	50.0	NA	NA	NA	NA	NA	NA	NA
	03/04/11	16.1	NA	< 0.1	0.227	< 0.5	NA	264	16.1	NA	NA	NA	NA	38.4	1.94	18.5	24.2	NA
	3/4/11 (LAB DUP)	NA	NA	NA	NA	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/23/11	8.58	NA	0.138 J	NA	< 0.500	NA	262	17.9	NA	NA	NA	NA	39.8	1.81	NA	NA	NA
	09/22/11	10.6	NA	< 0.100	0.580	< 0.500	NA	243	13.0	NA	NA	NA	3.6	45.7	1.62	NA	NA	NA
	03/07/12	28.1	NA	< 0.100	1.65	< 0.500	NA	248	18.8	NA	NA	NA	3.6	51.2	1.58	NA	NA	NA
	06/27/12	13.4	NA	0.835	< 0.300	< 0.500	NA	329	20.0	NA	NA	NA	NA	49.6	2.16	NA	NA	NA
	10/01/12	16.6	NA	0.113	1.10	< 0.500	NA	320	21.9	NA	NA	NA	0.6	39.7	1.37	NA	NA	NA
	12/19/12	13.8	NA	< 0.100	0.750	< 0.500	NA	292	21.2	NA	NA	NA	NA	46.6	1.54	NA	NA	NA
	12/19/12 (DUP)	13.4	NA	0.123	0.769	< 0.500	NA	295	20.4	NA	NA	NA	NA	45.6	1.50	NA	NA	NA
	03/05/13	9.75	NA	< 0.100	0.889	< 0.500	NA	318	17.8	NA	NA	NA	2.8	37.0	1.22	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	18.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/13	NA	NA	NA	NA	NA	NA	NA	> 20.0 E	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	18.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/24/14	NA	NA	NA	NA	NA	NA	NA	14.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-19	09/23/04	23.0	NA	< 0.2	0.3	< 0.01	340	NA	19.2	1.44	64.0	NA	1.8	NA	NA	NA	NA	NA
	04/05/05	18.9	NA	< 0.100	3.7	< 0.01	250	NA	19.9	1.31	65.8	NA	2.6	NA	NA	NA	NA	NA
	06/27/12	15.4	NA	< 0.100	0.82	< 0.500	NA	255	16.1	1.31	65.8	NA	NA	52.5	1.5	NA	NA	NA
	12/19/12	18.4	NA	< 0.100	1.23	< 0.500	NA	232	15.7	NA	NA	NA	1.8	44.4	1.14	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	16.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/6/13 (DUP)	NA	NA	NA	NA	NA	NA	NA	16.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/14	NA	NA	NA	NA	NA	NA	NA	20.5	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4

General Chemistry Parameters in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Anions (EPA Method 300.0)				Sulfide	Total Alkalinity		Total Organic Carbon	Total Manganese	Total Iron		Ferrous Iron	Dissolved Metals (EPA Method 200.8)				TDS
		Chloride	Bromide	Nitrate as Nitrogen	Sulfate	Hach Method 8131 or SM 4500-S2-F	Hach Method AL AP MG-L	SM 2320B	EPA Method 415.1 or SM 5310B	EPA Method 6010A/6010B	EPA Method 6010A/6010B	Hach Method 8008	Hach Method 8146	Iron	Manganese	Sodium	Potassium	EPA Method 160.1
MW-20	09/20/05	50.7	NA	< 0.1	1.4	< 0.01	355	NA	29.1	3.60	88	NA	2.2	NA	NA	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	25.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-21	09/14/06	NA	NA	< 0.1	4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/14/06 (DUP)	NA	NA	< 0.1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/10	NA	< 0.1	NA	NA	NA	NA	NA	32	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/10	NA	20	NA	NA	NA	NA	NA	2,400	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	0.59	NA	NA	NA	NA	NA	33	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	2.7	NA	NA	NA	NA	NA	69	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/6/10 (DUP)	NA	2.6	NA	NA	NA	NA	NA	67	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	8.5	NA	NA	NA	NA	NA	82	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	8.4	NA	NA	NA	NA	NA	150	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/02/11	71.8	NA	< 0.1	0.245	< 0.5	NA	268	124	NA	NA	NA	NA	60.6	3.05	NA	NA	NA
	3/2/11 (DUP)	72.1	NA	< 0.1	0.210	< 0.5	NA	259	120	NA	NA	NA	NA	58.3	3.01	NA	NA	NA
	3/2/11 (LAB DUP)	NA	NA	NA	NA	< 0.5	NA	NA	122	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/23/11	70.5	NA	0.830 J	0.912	< 0.500	NA	270	136	NA	NA	NA	NA	81.0	3.36	NA	NA	NA
	6/23/11 (DUP)	70.3	NA	0.146 J	0.897	< 0.500	NA	281	137	NA	NA	NA	NA	79.6	3.51	NA	NA	NA
	09/22/11	66.5	NA	< 0.1	0.577	< 0.500	NA	312	366	NA	NA	NA	3.6	96.8	3.35	NA	NA	NA
	12/07/11	72.5	NA	< 0.1	0.768	< 0.500	NA	334	386	NA	NA	NA	2.0	93.6	3.39	NA	NA	NA
	03/08/12	67.5	NA	< 0.100	< 0.100 J	< 0.500	NA	318	455	NA	NA	NA	2.0	123	3.55	NA	NA	NA
	06/26/12	68.2	NA	0.871	< 0.300	< 0.500	NA	346	399	NA	NA	NA	NA	117	4.09	NA	NA	NA
	10/01/12	70.3	NA	< 0.100	0.524	< 0.500	NA	328	313	NA	NA	NA	2.6	108	2.48	NA	NA	NA
	10/1/12 (DUP)	71.2	NA	< 0.100	0.535	< 0.500	NA	339	330	NA	NA	NA	NA	115	2.65	NA	NA	NA
	12/20/12	62.0	NA	< 0.100	0.797	< 0.500	NA	405	33.5	NA	NA	NA	NA	104	2.69	NA	NA	NA
	03/06/13	57.6	NA	< 0.100	1.13	< 0.500	NA	353	186	NA	NA	NA	3.7	102	2.69	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	111	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/13	NA	NA	NA	NA	NA	NA	NA	67.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	59.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/24/14	NA	NA	NA	NA	NA	NA	NA	62.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-22	09/14/06	NA	NA	0.4	49.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/04/11	45.0	NA	< 0.1	0.260	< 0.5	NA	252	19.9	NA	NA	NA	NA	52.8	2.50	NA	NA	NA
	06/23/11	34.6	NA	1.10 J	< 0.1	< 0.500	NA	306	21.5	NA	NA	NA	NA	77.2	3.36	NA	NA	NA
	09/23/11	34.2	NA	< 0.1	0.591	< 0.500	NA	262	35.1	NA	NA	NA	3.0	75.3	2.64	NA	NA	NA
	12/07/11	35.8	NA	< 0.1	< 0.1	< 0.500	NA	290	50.9	NA	NA	NA	4.2	59.7	2.21	NA	NA	NA
	03/08/12	32.4	NA	< 0.1	< 0.1	< 0.500	NA	282	39.6	NA	NA	NA	6.0	66.8	1.99	NA	NA	NA
	06/26/12	42.3	NA	0.737	< 0.300	< 0.500	NA	295	32.6	NA	NA	NA	NA	59.4	2.29	NA	NA	NA
	6/26/12 (DUP)	42.1	NA	0.707	< 0.300	< 0.500	NA	303	32.4	NA	NA	NA	NA	61.0	2.25	NA	NA	NA
	10/02/12	37.2	NA	< 0.100	0.622	< 0.500	NA	367	24.7	NA	NA	NA	2.0	62.4	1.92	NA	NA	NA
	12/19/12	30.5	NA	< 0.100	0.761	< 0.500	NA	369	18.3	NA	NA	NA	NA	68.8	2.05	NA	NA	NA
	03/06/13	31.1	NA	< 0.100	0.756	< 0.500	NA	347	15.1	NA	NA	NA	3.8	66.0	2.02	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	17.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/13	NA	NA	NA	NA	NA	NA	NA	11.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	14.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/24/14	NA	NA	NA	NA	NA	NA	NA	18.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-23	09/13/06	NA	NA	< 0.1	29.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/02/11	15.7	NA	2.71	33.3	< 0.5	NA	140	9.86	NA	NA	NA	NA	0.259	0.383	NA	NA	NA
	06/22/11	27.0	NA	6.38	54.4	< 0.500	NA	144	8.94	NA	NA	NA	NA	0.164	0.304	NA	NA	NA
	09/23/11	23.0	NA	2.51	49.6 J	< 0.500	NA	173	7.94	NA	NA	NA	3.0	0.321	0.476	NA	NA	NA
	12/07/11	14.3	NA	1.21	30.1	< 0.500	NA	169	11.0	NA	NA	NA	1.4	0.425	0.429	NA	NA	NA
	03/07/12	25.9	NA	4.11	45.1	< 0.500	NA	150	11.4	NA	NA	NA	0.0	0.366	0.344	NA	NA	NA
	06/26/12	38.4	NA	6.34	58.6	< 0.500	NA	173	10.2	NA	NA	NA	NA	0.37	0.417	NA	NA	NA

Table 4

General Chemistry Parameters in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Anions (EPA Method 300.0)				Sulfide	Total Alkalinity		Total Organic Carbon	Total Manganese	Total Iron		Ferrous Iron	Dissolved Metals (EPA Method 200.8)				TDS
		Chloride	Bromide	Nitrate as Nitrogen	Sulfate	Hach Method 8131 or SM 4500-S2-F	Hach Method AL AP MG-L	SM 2320B	EPA Method 415.1 or SM 5310B	EPA Method 6010A/6010B	EPA Method 6010A/6010B	Hach Method 8008	Hach Method 8146	Iron	Manganese	Sodium	Potassium	EPA Method 160.1
MW-23 (continued)	09/27/12	27.7	NA	1.96	42.3	< 0.500	NA	192	16.6	NA	NA	NA	2.0	1.27	0.470	NA	NA	NA
	12/19/12	15.3	NA	0.530	19.3	< 0.500	NA	177	20.2	NA	NA	NA	NA	0.681	0.558	NA	NA	NA
	03/05/13	22.4	NA	1.55	25.6	< 0.500	NA	200	16.5	NA	NA	NA	0.6	0.305	0.575	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	9.86	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/24/13	NA	NA	NA	NA	NA	NA	NA	16.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	11.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/14	NA	NA	NA	NA	NA	NA	NA	16.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-24	03/26/10	NA	< 0.1	NA	NA	NA	NA	NA	27	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/10	NA	50	NA	NA	NA	NA	NA	2,200	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	0.46	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	< 2.0	NA	NA	NA	NA	NA	58	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	6.3	NA	NA	NA	NA	NA	68	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	8.6	NA	NA	NA	NA	NA	74	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/6/10 (DUP)	NA	8.9	NA	NA	NA	NA	NA	72	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-25	03/29/10	NA	0.45	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/10	NA	0.43	NA	NA	NA	NA	NA	24	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	0.37	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	< 2.0	NA	NA	NA	NA	NA	26	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	1.2	NA	NA	NA	NA	NA	33	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	2.5	NA	NA	NA	NA	NA	43	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-26	04/01/10	NA	< 0.1	NA	NA	NA	NA	NA	3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/1/10 (LAB DUP)	NA	NA	NA	NA	NA	NA	NA	3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/09/10	NA	< 0.1	NA	NA	NA	NA	NA	4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	0.43	NA	NA	NA	NA	NA	3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	< 2.0	NA	NA	NA	NA	NA	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	< 0.1	NA	NA	NA	NA	NA	4.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	< 0.1	NA	NA	NA	NA	NA	7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/6/10 (LAB DUP)	NA	< 0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-1	09/24/04	8.8	NA	< 0.2	< 0.2	< 0.01	220	NA	20.7	1.10	38.1	NA	2.0					NA
IW-206-8	10/04/12	NA	NA	NA	NA	NA	NA	NA	401	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-206-17	10/04/12	NA	NA	NA	NA	NA	NA	NA	275	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-209-8	10/04/12	NA	NA	NA	NA	NA	NA	NA	29.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-209-17	10/04/12	NA	NA	NA	NA	NA	NA	NA	28.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-137-28	10/04/12	NA	NA	NA	NA	NA	NA	NA	55.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-137-38	10/04/12	NA	NA	NA	NA	NA	NA	NA	49.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-212-8	10/05/12	NA	NA	NA	NA	NA	NA	NA	53.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-212-17	10/05/12	NA	NA	NA	NA	NA	NA	NA	42.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-217-8	10/05/12	NA	NA	NA	NA	NA	NA	NA	30.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-217-17	10/05/12	NA	NA	NA	NA	NA	NA	NA	30.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-130-27	10/05/12	NA	NA	NA	NA	NA	NA	NA	81.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-130-37	10/05/12	NA	NA	NA	NA	NA	NA	NA	86.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-115-27	10/08/12	NA	NA	NA	NA	NA	NA	NA	61.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-115-37	10/08/12	NA	NA	NA	NA	NA	NA	NA	55.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-106-37	10/08/12	NA	NA	NA	NA	NA	NA	NA	57.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-106-27	10/08/12	NA	NA	NA	NA	NA	NA	NA	60.0	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES: All results in mg/L.
NA = not analyzed.
< = less than the method reporting limit shown.
DUP = duplicate sample collected in the field and blind labeled.
E = The result exceeded calibration curve.
LAB DUP = laboratory duplicate sample.
J = the associated numerical value is an estimated quantity based on data review or laboratory estimate above the MDL but below the MRL.
TDS = Total Dissolved Solids

Table 5

Dissolved Organic Gases in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Method AM20GAX (µg/L)		
		Methane	Ethane	Ethene
MW-1	12/15/98	18,000	110	310
	03/02/99	15,000	75	270
	06/17/99	8,400	44	170
	09/17/99	14,000	83	230
	09/23/11	9,400	12	8.2
	03/08/12	15,000	18	34
	10/01/12	9,900	11	10
	03/06/13	14,000	16	34
	09/25/13	16,000	12	10
	03/26/14	17,000	26	39
	09/23/14	15,000	14	19
MW-2	12/15/98	13,000	1.1	0.5 U
	03/02/99	8,600	0.88	0.5 U
	06/16/99	13,000	1.0	0.5 U
	06/16/99 (DUP)	13,000	0.97	0.5 U
	09/16/99	17,000	1.2	0.5 U
MW-3	12/14/98	10,000	6.9	0.95
	03/03/99	5,700	9.3	1.2
	06/17/99	3,800	3.2	0.93
	09/17/99	4,300	6.8	0.88
MW-4	12/14/98	16,000	130	1,500
	03/03/99	10,000	110	730
	06/17/99	12,000	110	1,300
	09/17/99	14,000	150	1,000
	09/23/11	14,000	360	240
	03/08/12	18,000	360	500
	10/01/12	14,000	270	310
	03/06/13	16,000	240	89
	09/26/13	15,000	400	14
	03/25/14	9,000	320	0.58
	09/23/14	16,000	380	32
MW-5	12/15/98	0.5 U	0.5 U	0.5 U
	03/02/99	66	0.5 U	0.5 U
	06/16/99	7.8	0.5 U	0.5 U
	09/16/99	28	0.5 U	0.5 U
	09/16/99 (DUP)	26	0.5 U	0.5 U
	03/03/11	43	0.017 J	0.041
	06/22/11	550	0.010 J	0.053
	09/22/11	730	0.10	0.035
	03/07/12	4,100	0.20	0.17
	07/12/12	6,600	0.31	0.38
	09/27/12	6,200	0.33	0.16
	12/19/12	5,500	0.37 J	0.097 J
	03/06/13	6,700	0.40	0.13
	03/6/13 (DUP)	5,700	0.33	0.10
	09/26/13	1,500	0.38	0.24
	09/26/13 (DUP)	1,700	0.38	0.27
	03/25/14	1,800	0.57	0.14
	09/23/14	430	0.38	0.16
MW-6	12/15/98	14,000	130	31
	03/02/99	9,800	94	15

Table 5

Dissolved Organic Gases in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Method AM20GAX (µg/L)		
		Methane	Ethane	Ethene
MW-6 (continued)	3/2/99 (DUP)	12,000	120	16
	06/16/99	11,000	100	10
	09/16/99	13,000	98	8.2
MW-7	12/14/98	1.9	0.5 U	0.5 U
	03/03/99	34	0.5 U	0.5 U
	06/17/99	7.9	0.5 U	0.5 U
	09/17/99	15	0.5 U	0.5 U
	03/02/11	0.18	0.025 U	0.026
	06/22/11	0.59	0.025 U	0.019 J
	09/22/11	8.2	0.025 U	0.046
	03/07/12	0.24	0.0032 J	0.016 J
	07/12/12	0.48	0.025 U	0.014 J
	09/27/12	28	0.0085 J	0.028
	12/19/12	1,200	0.028 J	0.034 J
	03/05/13	200	0.052	0.029
	09/24/13	240	0.055	0.024 J
	03/26/14	1.2	0.0092 J	0.010 J
	09/25/14	26	0.021 J	0.012 J
MW-8	12/14/98	23	0.5 U	0.5 U
	12/14/98 (DUP)	25	0.5 U	0.5 U
	03/02/99	12	0.5 U	0.5 U
	06/16/99	5.2	0.5 U	0.5 U
	09/16/99	18	0.5 U	0.5 U
MW-12	03/03/11	3.1	0.017 J	0.20
	06/22/11	9.3	0.080	0.54
	09/22/11	1,000	0.15	4.3
	09/22/11 (DUP)	1,600	0.20	4.7
	09/22/11 (LAB DUP)	1,500	0.19	4.4
	03/07/12	4,000	0.88	0.67
	03/7/12 (DUP)	4,000	0.85	0.63
	07/12/12	13,000	1.2	3.1
	10/02/12	14,000	1.4	4.9
	12/19/12	7,500	0.78 J	6.8
	03/06/13	11,000	1.1	7.1
	09/25/13	13,000	2.7	150
	03/25/14	7,800	1.6	5.3
	03/25/14 (DUP)	7,900	1.5	5.3
	09/23/14	12,000	4.7	6.4
MW-13	09/24/04	13,000	15	680
	04/05/05	520	1.9	27
	03/03/11	22,000	310	1,000
	06/23/11	17,000	280	510
	09/22/11	16,000	240	1,000
	03/07/12	29,000	540	440
	07/12/12	18,000	450	160
	10/02/12	22,000	450	29
	12/19/12	20,000	420	80
	03/07/13	20,000	570	3.2
	09/25/13	19,000	410	230
	03/26/14	16,000	440	2.2
	09/23/14	27,000	690	220

Table 5

Dissolved Organic Gases in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Method AM20GAX (µg/L)		
		Methane	Ethane	Ethene
MW-14	09/24/04	5,800	2.2	1.2
	04/05/05	5,900	0.41	0.55 U
MW-15	09/24/04	7,700	1.7	0.8 U
	04/05/05	6,500	1.5	0.55 U
MW-16	09/23/04	16,000	3.2	1.3
	04/05/05	17,000	3.7	2.0
MW-17	09/23/04	13,000	290	61
	09/23/04 (DUP)	13,000	290	60
	04/05/05	13,000	290	70
	03/07/11	21,000	470	21
	06/23/11	18,000	670	8.6
	09/22/11	19,000	530	12
	03/08/12	20,000	550	4.2
	07/12/12	16,000	580	14
	10/01/12	18,000	440	13
	12/19/12	18,000	520	7.6
	03/07/13	18,000	570	3.6
	09/26/13	20,000	390	3.6
	03/26/14	14,000	300	3.0
	09/25/14	21,000	240	1.6
MW-18	09/23/04	4,500	25	3.2
	04/05/05	4,800	16	1.5
	04/5/05 (DUP)	5,700	19	1.8
	03/04/11	10,000	260	67
	06/23/11	9,000	24	0.42
	09/22/11	8,000	20	0.19
	03/07/12	9,700	39	36
	07/12/12	10,000	100	35
	10/01/12	750	2.0	0.98
	12/19/12	12,000	50	6.2
	03/05/13	11,000	22	0.18
	09/26/13	10,000	220	0.18
	03/26/14	14,000	44	0.14
	09/24/14	8,200	26	0.61
MW-19	09/23/04	5,600	32	870
	04/05/05	5,400	40	97
	07/12/12	1,000	140	270
	12/19/12	18,000	230	520
	03/05/13	12,000	270	840
MW-20	09/20/05	13,000	240	10
MW-21	03/02/11	17,000	140	1,600
	03/2/11 (DUP)	16,000	130	1,400
	06/23/11	18,000	100	1,400
	06/23/11 (DUP)	20,000	110	1,600
	09/22/11	21,000	120	1,500
	03/08/12	17,000	150	720
	07/12/12	14,000	94	970
	10/02/12	14,000	84	1,200
	10/02/12	12,000	73	1,100
	12/20/12	14,000	89	830

Table 5

Dissolved Organic Gases in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Method AM20GAX (µg/L)		
		Methane	Ethane	Ethene
MW-21 (continued)	03/06/13	18,000	96	1,200
	09/25/13	20,000	60	1,000
	03/26/14	25,000	140	830
	09/24/14	25,000	280	730
MW-22	03/04/11	16,000	880	940
	06/23/11	15,000	780	140
	09/23/11	18,000	1,100	220
	03/08/12	27,000	620	900
	07/12/12	18,000	470	860
	10/02/12	22,000	600	810
	12/19/12	24,000	640	120
	03/06/13	24,000	520	330
	09/25/13	23,000	430	290
	03/26/14	25,000	480	170
	09/24/14	26,000	390	37
MW-23	03/02/11	8.6	0.039	0.11
	06/22/11	4.4	0.016 J	0.042
	09/23/11	5.8	0.091	0.24
	03/07/12	160	0.21	0.05
	07/12/12	2,200	1.1	0.028
	09/27/12	4,800	3.0	0.040
	12/19/12	670	0.35 J	0.044 J
	03/05/13	210	0.15	0.039
	09/24/13	97	0.070	0.026
	03/26/14	110	0.22	0.0200 J
	09/25/14	360	0.072	0.018 J
	09/25/14 (DUP)	300	0.063	0.025
P-1	09/24/04	5,100	3.0	0.8 U

NOTES: Analyses prior to 2011 performed using Modified RSK Method 175.
Analyses from 2011 on performed using Microseeps Method AM20GAX.
µg/L = micrograms per liter
U = not detected, the associated value is the quantification limit.
J = estimated concentration between the method detection and reporting limits.
(DUP) = duplicate sample collected in the field and blind labeled.

Table 6

Groundwater Microbiological Test Results
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Dhc		*vcrA*		Dhb	
		(cells/L)	Percent Dhc	(gene copies/L)	Percent *vcrA*	(cells/L)	Percent Dhb
MW-5 Area							
MW-5	10/21/11	3×10^3	0.0007 - 0.002	2×10^3 U	NA	2×10^3 U	NA
	09/27/12	1×10^3 U	NA	–	–	4×10^4	0.007 - 0.02
	09/26/13	1×10^4 J	0.003 - 0.008 J	2×10^4 C	0.003 - 0.01	1×10^3	0.0002 - 0.0006
	09/23/14	1×10^3 U	NA	–	–	1×10^3 U	NA
MW-7	10/20/11	1×10^3 J	0.0004 - 0.001	2×10^3 U	NA	2×10^3 U	NA
	09/27/12	1×10^3 U	NA	–	–	2×10^3 U	NA
	09/24/13	1×10^3 J	0.0005 - 0.002 J	1×10^3 U	NA	1×10^3 U	NA
	09/25/14	1×10^3 U	NA	–	–	1×10^3 U	NA
MW-12	10/21/11	7×10^5	0.04 - 0.1	2×10^5	0.01 - 0.04	2×10^5	0.01 - 0.04
	10/02/12	4×10^6	0.2 - 0.5	5×10^6	0.2 - 0.6	4×10^5	0.02 - 0.05
	09/25/13	4×10^7	4 - 12	2×10^7	2 - 7	1×10^6	0.2 - 0.5
	09/23/14	4×10^3	0.0006 - 0.002	9×10^3 J	0.001 - 0.004 J	1×10^3 J	0.0002-0.0006 J
MW-23	10/20/11	1×10^3 J	0.0007 - 0.002	2×10^3 U	NA	2×10^3 U	NA
	09/27/12	1×10^3	0.0002 - 0.0005	1×10^3 U	NA	2×10^3 U	NA
	09/24/13	1×10^3 U	NA	–	–	1×10^3 U	NA
	09/25/14	1×10^3 U	NA	–	–	1×10^3 U	NA
IW-211	10/21/11	3×10^7	2 - 7	3×10^7	2 - 7	4×10^5	0.04 - 0.1
	10/02/12	2×10^9	4 - 12	2×10^9	5 - 15	3×10^5	0.0007 - 0.002
MW-13/MW-21 Area							
MW-13	10/20/11	5×10^7	3 - 10	4×10^7	3 - 9	2×10^5	0.01 - 0.04
	10/02/12	1×10^7	0.8 - 2	2×10^7	1 - 3	9×10^4	0.005 - 0.02
	09/25/13	4×10^6 J	0.4 - 1 J	3×10^5	0.3 - 1	4×10^4	0.004 - 0.01
	09/23/14	3×10^5	0.04 - 0.1	7×10^5 J	0.09 - 0.3 J	1×10^3 U	NA
MW-21	10/20/11	4×10^7	6 - 16	4×10^7	5 - 14	2×10^6	0.3 - 0.8
	10/02/12	5×10^7	1 - 3	7×10^7	2 - 5	8×10^6	0.2 - 0.6
	09/25/13	1×10^8	5 - 14	9×10^7	4 - 11	3×10^5	0.01 - 0.04
	09/24/14	6×10^5	0.06 - 0.2	2×10^6 J	0.2 - 0.7 J	4×10^4 J	0.003 - 0.01 J
MW-22	10/21/11	1×10^7	4 - 13	8×10^6	3 - 9	4×10^4	0.02 - 0.05
	10/02/12	3×10^7	3 - 8	6×10^7	5 - 14	3×10^4	0.003 - 0.008
	09/25/13	3×10^7	6 - 16	2×10^7	4 - 12	1×10^5	0.03 - 0.08
	09/24/14	4×10^5	0.05 - 0.1	9×10^5 J	0.1 - 0.3 J	1×10^3 J	0.0002 - 0.0005 J
IW-117	10/20/11	5×10^5	0.02 - 0.06	5×10^5	0.02 - 0.06	4×10^4	0.002 - 0.005
	10/02/12	3×10^5	0.0005 - 0.002	2×10^6 C	0.003 - 0.008	3×10^5	0.0005 - 0.002

Table 6

Groundwater Microbiological Test Results
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Dhc		*vcrA*		Dhb	
		(cells/L)	Percent Dhc	(gene copies/L)	Percent *vcrA*	(cells/L)	Percent Dhb
IW-140	10/21/11	5×10^5	0.007 - 0.02	5×10^5 C	0.008 - 0.02	3×10^5	0.004 - 0.01
	10/02/12	3×10^4	0.00009 - 0.0003	6×10^5 C	0.002 - 0.005	7×10^4	0.0002 - 0.0006
MW-19 Area							
MW-19	09/25/14	2×10^5	0.03 - 0.09	4×10^5 J	0.06 - 0.2 J	1×10^3 U	NA

NOTES: Samples analyzed by SiREM using SiREM's Gene-Trac® qPCR method.

Dhc = *Dehalococcoides* ; based on quantification of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies. Dhc are generally reported to contain one 16s rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

vcrA = vinyl chloride reductase gene.

Dhb = *Dehalobacter* ; based on quantification of Dhb 16S rRNA gene copies.

Percent Dhc, Dhb, and *vcrA* = percent Dhc or Dhb in the microbial population and the percent of the microbial population harboring the *vcrA* gene.

U = not detected, the associated value is the quantification limit.

J = estimated value

C = correction factor applied to correct for non-PCR amplification products.

– = not analyzed.

NA = not applicable as either not detected or quantifiable DNA not extracted from the sample.

Values of Dhc at or below 10^4 gene copies/L are low, indicating that the conditions are suboptimal for high rates of dechlorination.

Values of 10^5- 10^6 Dhc gene copies/L are moderate and may or may not be associated with observable dechlorination activity.

Values at or above 10^7 Dhc gene copies/L are high and are often associated with high rates of dechlorination.

Values of 10^9 Dhc gene copies/L are generally the highest observed for groundwater samles with rare exceptions.

APPENDIX A

HISTORICAL GROUNDWATER ELEVATION DATA

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
Shallow On-Site Monitoring and Pilot Test Wells					
MW-1	33.45	04/17/95	12:14	4.70	28.75
		09/07/95	NR	6.24	27.21
		11/10/95	NR	5.86	27.59
		12/07/95	NR	5.13	28.32
		01/29/96	NR	4.57	28.88
		09/04/96	13:50	6.04	27.41
		10/11/96	11:00	6.04	27.41
		11/06/96	9:25	5.53	27.92
		12/10/96	10:55	4.46	28.99
		01/10/97	NR	4.20	29.25
		02/21/97	12:45	4.33	29.12
		03/04/97	9:55	4.33	29.12
		06/27/97	10:57	4.81	28.64
		09/04/97	11:08	5.63	27.82
		12/22/97	8:46	4.82	28.63
		03/06/98	10:03	4.50	28.95
		06/18/98	9:19	5.02	28.43
		09/29/98	9:25	6.52	26.93
		12/15/98	9:45	4.78	28.67
		01/07/99	9:02	4.33	29.12
		01/13/99	9:29	4.35	29.10
		03/02/99	12:43	3.60	29.85
		06/16/99	10:26	4.87	28.58
		09/16/99	10:43	5.72	27.73
		12/08/99	8:43	4.63	28.82
		03/07/00	8:58	4.28	29.17
		06/21/00	9:45	4.80	28.65
		09/12/00	9:30	5.81	27.64
		12/07/00	8:45	5.36	28.09
		03/15/01	9:30	4.91	28.54
		07/12/01	11:00	5.10	28.35
		09/24/01	11:29	5.95	27.50
	33.15	01/02/02	11:07	4.35	28.80
		03/27/02	9:55	4.12	29.03
		06/11/02	10:42	4.75	28.40
		09/17/02	12:36	6.03	27.12
		12/16/02	11:40	5.60	27.55
		03/17/03	11:00	4.91	28.24
		06/10/03	NR	5.11	28.04
		09/11/03	10:05	6.66	26.49
		12/04/03	7:30	4.96	28.19
		01/12/04	11:12	4.70	28.45
		03/16/04	12:20	4.80	28.35
		06/10/04	8:25	5.25	27.90
		09/22/04	11:15	5.88	27.27
		04/04/05	13:40	5.03	28.12
		09/20/05	9:40	6.77	26.38
		01/25/06	15:15	4.45	28.70
		03/14/06	10:30	4.60	28.55
		03/15/06	0:00	4.56	28.59
		05/19/06	12:30	4.91	28.24
		06/09/06	14:12	4.70	28.45
		09/12/06	12:32	6.85	26.30
		04/03/07	10:30	4.51	28.64
		04/03/07	12:04	4.40	28.75
		09/24/07	10:55	6.40	26.75
		09/24/07	12:47	6.38	26.77
		05/01/08	11:08	4.85	28.30
		09/29/08	NR	5.92	27.23
		03/23/09	10:25	4.65	28.50
		09/28/09	13:45	6.21	26.94
		03/25/10	8:39	4.75	28.40
		04/05/10	10:28	4.51	28.64

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-1	33.15	05/06/10	NR	NM	NM
(continued)		07/13/10	14:35	4.81	28.34
		09/27/10	10:10	5.35	27.80
		02/28/11	14:55	4.29	28.86
		03/22/11	14:05	4.00	29.15
		04/25/11	8:22	NM	NM
		05/04/11	8:36	3.99	29.16
		06/22/11	8:25	4.21	28.94
		09/20/11	13:20	6.06	27.09
		12/06/11	11:10	5.02	28.13
		03/05/12	12:39	4.06	29.09
		03/05/12	14:16	3.76	29.39
		03/05/12	14:50	3.79	29.36
		06/26/12	12:50	4.06	29.09
		06/26/12	12:55	3.97	29.18
		06/26/12	14:07	3.94	29.21
		10/03/12	15:55	6.54	26.61
		12/18/12	13:42	4.50	28.65
		12/18/12	15:25	4.28	28.87
		03/04/13	14:32	4.43	28.72
		03/04/13	14:53	4.28	28.87
		03/04/13	15:10	4.23	28.92
		03/04/13	16:07	4.20	28.95
		06/06/13	7:35	4.45	28.70
		09/24/13	12:43	5.89	27.26
		03/25/14	12:50	4.00	29.15
		09/22/14	15:25	6.10	27.05
MW-2	34.07	04/17/95	12:09	6.26	27.81
		09/07/95	NR	7.72	26.35
		11/10/95	NR	7.21	26.86
		12/07/95	NR	6.01	28.06
		01/29/96	NR	5.37	28.70
		09/04/96	9:00	7.93	26.14
		10/11/96	10:30	7.71	26.36
		11/06/96	8:50	7.02	27.05
		12/10/96	10:50	5.55	28.52
		01/10/97	NR	5.02	29.05
		02/21/97	12:10	5.31	28.76
		03/04/97	9:50	5.29	28.78
		06/27/97	10:53	6.11	27.96
		09/04/97	11:04	7.07	27.00
		12/22/97	8:44	5.92	28.15
		03/06/98	2:20	5.67	28.40
		06/18/98	9:22	6.54	27.53
		09/29/98	9:28	7.95	26.12
		12/15/98	9:52	5.71	28.36
		01/07/99	8:50	5.51	28.56
		01/13/99	9:25	5.62	28.45
		03/02/99	9:29	4.73	29.34
		06/16/99	10:31	6.40	27.67
		09/16/99	10:41	7.39	26.68
		12/08/99	8:40	5.84	28.23
		03/07/00	8:52	5.36	28.71
		06/21/00	9:54	6.43	27.64
		09/12/00	11:25	7.92	26.15
		12/07/00	8:40	7.11	26.96
		03/15/01	9:40	6.44	27.63
		07/12/01	13:00	6.83	27.24
		09/24/01	11:33	7.64	26.43
	33.79	01/02/02	10:30	5.61	28.18
		03/27/02	10:00	5.49	28.30
		06/11/02	10:45	6.28	27.51
		09/17/02	12:33	7.67	26.12
		12/16/02	11:37	7.07	26.72

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-2	33.79	03/17/03	10:55	5.75	28.04
(continued)		06/10/03	NR	6.68	27.11
		09/10/03	9:10	8.16	25.63
		12/04/03	9:30	6.24	27.55
		01/12/04	10:55	5.75	28.04
		03/15/04	11:15	5.90	27.89
		06/10/04	8:10	6.50	27.29
		09/23/04	8:10	7.12	26.67
		04/04/05	13:35	6.00	27.79
		09/20/05	9:35	7.74	26.05
		03/14/06	10:20	5.45	28.34
		03/15/06	7:55	5.45	28.34
		09/12/06	12:26	7.99	25.80
		04/03/07	10:25	5.35	28.44
		04/03/07	11:58	5.38	28.41
		09/24/07	10:44	7.76	26.03
		05/01/08	11:30	6.11	27.68
		09/29/08	NR	7.45	26.34
		03/23/09	10:06	5.77	28.02
		09/28/09	13:20	7.53	26.26
		03/25/10	8:47	6.53	27.26
		04/05/10	10:45	7.66	26.13
		05/06/10	8:15	7.02	26.77
		07/13/10	14:37	6.55	27.24
		09/27/10	10:05	6.75	27.04
		02/28/11	16:09	5.32	28.47
		03/17/11	12:43	5.14	28.65
		04/25/11	8:32	5.21	28.58
		05/04/11	8:39	5.43	28.36
		06/22/11	8:32	5.96	27.83
		09/20/11	13:28	7.50	26.29
		12/06/11	11:20	6.58	27.21
		03/05/12	12:47	5.46	28.33
		03/05/12	14:00	5.45	28.34
		06/25/12	12:15	5.92	27.87
		10/03/12	15:30	7.79	26.00
		12/18/12	13:39	5.57	28.22
		12/18/12	15:14	5.58	28.21
		03/04/13	14:35	5.80	27.99
		03/04/13	14:45	5.80	27.99
		06/06/13	7:30	6.20	27.59
		09/24/13	12:32	7.21	26.58
		03/25/14	12:38	4.93	28.86
		09/22/14	15:16	7.60	26.19
MW-3	33.21	04/17/95	12:01	6.54	26.67
		09/07/95	NR	7.34	25.87
		11/10/95	NR	6.93	26.28
		12/07/95	NR	6.24	26.97
		01/29/96	NR	5.73	27.48
		09/04/96	14:50	7.17	26.04
		10/11/96	10:20	7.32	25.89
		11/06/96	9:10	6.85	26.36
		12/10/96	10:25	5.75	27.46
		01/10/97	NR	5.30	27.91
		02/21/97	11:55	5.51	27.70
		03/04/97	9:27	5.50	27.71
		06/27/97	10:30	6.24	26.97
		09/04/97	10:47	6.87	26.34
		12/22/97	8:10	6.03	27.18
		03/06/98	9:34	5.90	27.31
		06/18/98	8:57	6.51	26.70
		09/29/98	9:05	5.73	27.48
		12/14/98	9:32	5.92	27.29
		01/07/99	8:44	5.81	27.40

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-3	33.21	01/13/99	9:12	5.93	27.28
(continued)		03/02/99	9:04	5.21	28.00
		06/16/99	9:55	6.48	26.73
		09/16/99	10:23	7.20	26.01
		12/08/99	8:24	6.08	27.13
		03/07/00	8:23	5.74	27.47
		06/21/00	9:15	6.48	26.73
		09/12/00	10:30	7.40	25.81
		12/07/00	9:25	6.94	26.27
		03/15/01	9:57	6.41	26.80
		07/12/01	15:55	6.77	26.44
		09/24/01	11:37	7.48	25.73
	32.94	01/02/02	11:12	5.71	27.23
		03/27/02	10:05	5.65	27.29
		06/11/02	10:27	6.28	26.66
		09/17/02	12:00	7.41	25.53
		12/16/02	11:05	6.81	26.13
		03/17/03	10:05	5.84	27.10
		06/10/03	NR	6.60	26.34
		09/11/03	9:50	7.82	25.12
		12/03/03	12:00	6.26	26.68
		01/12/04	11:59	5.80	27.14
		03/15/04	10:00	5.98	26.96
		06/10/04	7:00	6.22	26.72
		09/22/04	10:05	7.87	25.07
		04/04/05	12:10	5.92	27.02
		09/20/05	8:10	7.45	25.49
		01/25/06	15:30	5.24	27.70
		03/14/06	11:40	5.57	27.37
		03/14/06	11:53	5.57	27.37
		09/12/06	11:10	7.70	25.24
		04/03/07	9:35	5.52	27.42
		04/03/07	11:10	5.51	27.43
		09/24/07	11:35	7.43	25.51
		05/01/08	9:24	5.96	26.98
		09/29/08	NR	7.08	25.86
		03/23/09	8:58	5.74	27.20
		09/28/09	13:00	7.22	25.72
		03/25/10	9:30	5.75	27.19
		04/05/10	11:30	5.96	26.98
		05/06/10	8:56	6.25	26.69
		07/13/10	14:50	5.90	27.04
		09/27/10	11:20	6.36	26.58
		02/28/11	NR	NM	NM
		03/17/11	13:45	5.15	27.79
		04/25/11	9:38	5.11	27.83
		05/04/11	9:24	5.35	27.59
		06/22/11	7:52	5.74	27.20
		09/20/11	12:58	7.10	25.84
		12/06/11	10:56	6.35	26.59
		03/05/12	13:50	5.35	27.59
		03/05/12	15:10	5.35	27.59
		06/25/12	11:55	5.71	27.23
		06/25/12	11:57	5.70	27.24
		10/03/12	16:30	7.47	25.47
		12/18/12	11:52	5.40	27.54
		12/18/12	12:31	5.40	27.54
		03/04/13	14:05	5.70	27.24
		03/04/13	15:18	5.68	27.26
		06/06/13	8:02	6.03	26.91
		09/24/13	11:50	6.74	26.20
		03/25/14	11:46	6.11	26.83
		09/22/14	16:00	7.20	25.74
MW-4	33.20	09/04/96	13:00	5.89	27.31

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-4	33.20	10/11/96	10:40	6.21	26.99
(continued)		11/06/96	9:15	5.75	27.45
		12/10/96	10:40	4.68	28.52
		01/10/97	NR	3.95	29.25
		02/21/97	12:40	4.10	29.10
		03/04/97	11:35	4.16	29.04
		06/27/97	10:44	4.59	28.61
		09/04/97	10:55	5.44	27.76
		12/22/97	8:39	4.78	28.42
		03/06/98	9:51	4.28	28.92
		06/18/98	9:16	5.00	28.20
		09/29/98	9:20	6.44	26.76
		12/14/98	9:43	5.16	28.04
		01/07/99	9:06	4.38	28.82
		01/13/99	9:17	4.38	28.82
		03/02/99	9:26	3.73	29.47
		06/16/99	10:23	4.77	28.43
		09/16/99	10:45	5.78	27.42
		12/08/99	8:45	4.81	28.39
		03/07/00	9:03	4.17	29.03
		06/21/00	9:41	4.85	28.35
		09/12/00	9:40	6.22	26.98
		12/07/00	8:50	6.78	26.42
		03/15/01	9:35	5.10	28.10
		07/12/01	10:00	5.14	28.06
		09/24/01	11:41	6.02	27.18
	32.86	01/02/02	11:05	4.41	28.45
		03/27/02	9:53	4.17	28.69
		06/11/02	10:37	4.69	28.17
		09/17/02	12:38	6.25	26.61
		12/16/02	11:45	6.22	26.64
		03/17/03	11:02	4.74	28.12
		06/10/03	NR	5.17	27.69
		09/10/03	9:20	7.02	25.84
		12/04/03	7:25	5.49	27.37
		01/12/04	11:20	4.88	27.98
		03/15/04	11:25	4.83	28.03
		06/10/04	8:35	5.33	27.53
		09/22/04	11:30	6.11	26.75
		04/04/05	13:50	5.28	27.58
		09/20/05	9:55	6.65	26.21
		01/25/06	15:25	4.41	28.45
		03/14/06	10:50	4.58	28.28
		03/15/06	12:05	4.64	28.22
		05/19/06	12:25	5.00	27.86
		06/09/06	14:20	4.80	28.06
		09/12/06	12:45	6.96	25.90
		04/03/07	10:45	4.46	28.40
		04/03/07	12:15	4.40	28.46
		09/24/07	11:05	6.67	26.19
		05/01/08	10:30	5.00	27.86
		09/29/08	NR	6.29	26.57
		03/23/09	10:58	4.80	28.06
		09/28/09	14:00	6.53	26.33
		03/25/10	10:28	4.60	28.26
		04/05/10	10:30	4.67	28.19
		05/06/10	8:21	5.32	27.54
		07/13/10	14:42	4.98	27.88
		09/27/10	10:27	5.70	27.16
		02/28/11	14:08	4.40	28.46
		03/17/11	14:13	4.10	28.76
		04/25/11	8:10	4.11	28.75
		05/04/11	8:31	3.90	28.96
		06/22/11	8:20	4.58	28.28

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-4	32.86	09/20/11	13:52	6.31	26.55
(continued)		12/06/11	11:08	5.51	27.35
		03/05/12	13:03	4.26	28.60
		03/05/12	14:25	4.27	28.59
		06/25/12	13:07	4.50	28.36
		10/03/12	13:12	6.70	26.16
		12/18/12	13:47	4.82	28.04
		12/18/12	15:21	4.80	28.06
		03/04/13	14:28	4.75	28.11
		03/04/13	15:11	4.73	28.13
		06/06/13	7:38	4.82	28.04
		09/24/13	12:51	6.20	26.66
		03/25/14	13:02	3.93	28.93
		09/22/14	15:29	6.37	26.49
MW-5	32.77	09/04/96	11:50	6.74	26.03
		10/11/96	10:45	6.82	25.95
		11/06/96	9:05	6.24	26.53
		12/10/96	10:30	5.01	27.76
		01/10/97	NR	4.54	28.23
		02/21/97	12:30	4.79	27.98
		03/04/97	9:40	4.78	27.99
		06/27/97	10:40	5.54	27.23
		09/04/97	10:59	6.29	26.48
		12/22/97	8:32	5.36	27.41
		03/06/98	9:43	5.15	27.62
		06/18/98	9:11	5.89	26.88
		09/29/98	9:39	7.13	25.64
		12/15/98	9:38	5.18	27.59
		01/07/99	9:08	5.04	27.73
		01/13/99	9:00	5.97	26.80
		03/02/99	9:16	4.38	28.39
		06/16/99	10:07	5.81	26.96
		09/16/99	10:36	6.58	26.19
		12/08/99	8:34	5.33	27.44
		03/07/00	8:44	4.92	27.85
		06/21/00	9:24	5.31	27.46
		09/12/00	10:05	6.84	25.93
		12/07/00	8:55	6.42	26.35
		03/15/01	9:55	5.82	26.95
		07/09/01	10:08	6.22	26.55
		08/27/01	10:11	6.67	26.10
		09/24/01	11:43	6.98	25.79
		10/22/01	11:37	6.94	25.83
		11/19/01	13:10	6.31	26.46
	32.60	01/02/02	10:57	5.14	27.46
		03/27/02	10:36	5.05	27.55
		06/11/02	10:13	5.75	26.85
		09/17/02	12:15	6.98	25.62
		12/16/02	11:22	6.31	26.29
		03/17/03	10:30	5.31	27.29
		06/10/03	NR	6.08	26.52
		09/11/03	9:55	7.39	25.21
		12/03/03	11:40	5.70	26.90
		01/12/04	10:23	5.24	27.36
		03/15/04	10:45	5.39	27.21
		09/22/04	11:00	6.44	26.16
		04/04/05	12:55	5.34	27.26
		09/20/05	9:00	6.99	25.61
		03/14/06	9:30	5.04	27.56
		03/14/06	13:40	5.03	27.57
		09/12/06	11:52	7.25	25.35
		04/03/07	11:35	5.01	27.59
		09/24/07	10:26	7.01	25.59
		05/01/08	10:05	5.50	27.10

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-5	32.60	09/29/08	NR	6.71	25.89
(continued)		03/23/09	9:35	5.39	27.21
		09/28/09	14:10	6.80	25.80
		03/25/10	10:12	5.52	27.08
		04/05/10	10:34	5.91	26.69
		05/06/10	8:10	6.02	26.58
		07/13/10	14:42	5.79	26.81
		09/27/10	10:19	5.95	26.65
		02/28/11	13:47	4.69	27.91
		03/22/11	13:05	4.63	27.97
		04/25/11	8:53	4.65	27.95
		05/04/11	8:56	4.85	27.75
		06/22/11	8:57	5.30	27.30
		09/20/11	13:45	6.71	25.89
		12/06/11	11:34	5.91	26.69
		03/05/12	12:16	4.89	27.71
		03/05/12	14:30	4.90	27.70
		06/25/12	12:40	5.27	27.33
		10/03/12	15:00	7.03	25.57
		12/18/12	13:31	4.92	27.68
		12/18/12	15:28	4.93	27.67
		03/04/13	15:02	5.22	27.38
		03/04/13	16:12	5.22	27.38
		06/06/13	7:50	5.56	27.04
		09/24/13	12:18	6.51	26.09
		03/25/14	12:02	4.52	28.08
		09/22/14	16:23	6.80	25.80
MW-6	33.33	09/04/96	9:50	6.26	27.07
		10/11/96	10:35	6.55	26.78
		11/06/96	8:58	5.98	27.35
		12/10/96	10:45	5.08	28.25
		01/10/97	NR	4.17	29.16
		02/21/97	12:15	4.33	29.00
		03/04/97	9:45	4.42	28.91
		06/27/97	10:49	5.05	28.28
		09/04/97	11:01	5.87	27.46
		12/22/97	8:36	5.11	28.22
		03/06/98	9:49	4.57	28.76
		06/18/98	9:26	5.48	27.85
		09/29/98	9:32	6.87	26.46
		12/15/98	9:50	5.15	28.18
		01/07/99	8:55	4.39	28.94
		01/13/99	9:20	4.44	28.89
		03/02/99	9:24	3.64	29.69
		06/16/99	10:19	5.04	28.29
		09/16/99	10:39	6.03	27.30
		12/08/99	8:37	4.82	28.51
		03/07/00	8:48	4.44	28.89
		06/21/00	9:50	5.08	28.25
		09/12/00	11:15	6.24	27.09
		12/07/00	9:05	5.85	27.48
		03/15/01	9:45	5.25	28.08
		07/12/01	15:30	5.61	27.72
		09/24/01	11:46	6.35	26.98
	33.05	01/02/02	10:37	4.52	28.53
		03/27/02	9:50	4.00	29.05
		06/11/02	10:51	4.87	28.18
		06/11/02	12:30	6.39	26.66
		12/16/02	11:35	6.27	26.78
		03/17/03	10:46	4.67	28.38
		06/10/03	NR	5.65	27.40
		09/10/03	8:55	7.90	25.15
		12/04/03	8:00	5.91	27.14
		01/12/04	10:45	5.62	27.43

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-6	33.05	03/15/04	11:10	5.33	27.72
(continued)		06/10/04	8:05	6.40	26.65
		09/22/04	11:10	7.27	25.78
		04/04/05	13:20	5.74	27.31
		09/20/05	9:20	7.72	25.33
		01/25/06	15:15	4.93	28.12
		03/14/06	10:00	5.20	27.85
		03/14/06	14:40	5.20	27.85
		05/19/06	12:40	5.88	27.17
		06/09/06	14:00	5.75	27.30
		09/12/06	12:12	8.00	25.05
		04/03/07	10:15	4.89	28.16
		04/03/07	11:50	4.89	28.16
		09/24/07	10:42	7.87	25.18
		05/02/08	10:18	5.75	27.30
		09/29/08	NR	7.64	25.41
		03/23/09	9:54	5.23	27.82
		09/28/09	13:30	7.93	25.12
		03/25/10	10:15	5.32	27.73
		04/05/10	10:42	5.20	27.85
		05/06/10	8:19	6.02	27.03
		07/13/10	14:39	6.13	26.92
		09/27/10	9:49	6.84	26.21
		02/28/11	16:13	5.11	27.94
		03/17/11	12:57	4.50	28.55
		04/25/11	8:28	4.70	28.35
		05/04/11	8:44	4.58	28.47
		06/22/11	8:43	5.48	27.57
		09/20/11	13:33	7.41	25.64
		12/06/11	11:25	6.23	26.82
		03/05/12	12:50	5.00	28.05
		03/05/12	14:03	4.95	28.10
		06/25/12	12:22	5.58	27.47
		10/03/12	15:30	7.80	25.25
		12/18/12	13:37	5.31	27.74
		12/18/12	15:10	5.31	27.74
		03/04/13	14:30	5.33	27.72
		03/04/13	15:09	5.30	27.75
		06/06/13	7:34	5.79	27.26
		09/24/13	12:26	7.35	25.70
		03/25/14	12:26	4.30	28.75
		09/22/14	15:21	7.80	25.25
MW-7	33.24	12/22/97	8:26	5.86	27.38
		03/06/98	9:41	5.66	27.58
		06/18/98	9:04	6.38	26.86
		09/29/98	9:15	7.62	25.62
		12/14/98	9:36	5.66	27.58
		01/07/99	8:34	5.58	27.66
		01/13/99	9:05	5.68	27.56
		03/02/99	9:09	4.89	28.35
		06/16/99	10:03	6.32	26.92
		09/16/99	10:30	7.09	26.15
		12/08/99	8:28	5.89	27.35
		03/07/00	8:38	5.45	27.79
		06/21/00	10:00	6.47	26.77
		09/12/00	10:25	7.31	25.93
		12/07/00	9:20	6.91	26.33
		03/15/01	10:00	6.32	26.92
		07/12/01	13:45	6.75	26.49
		08/27/01	10:30	7.09	26.15
		09/24/01	11:49	7.33	25.91
		10/22/01	18:37	7.20	26.04
		11/19/01	12:50	6.33	26.91
	32.96	01/02/02	10:23	5.55	27.41

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-7	32.96	03/27/02	10:12	5.45	27.51
(continued)		06/11/02	10:23	6.16	26.80
		09/17/02	12:41	7.34	25.62
		12/16/02	11:10	6.71	26.25
		03/17/03	10:15	5.70	27.26
		06/10/03	NR	6.48	26.48
		09/10/03	8:23	7.80	25.16
		12/03/03	11:30	6.17	26.79
		01/12/04	10:07	5.64	27.32
		03/15/04	10:23	5.79	27.17
		06/10/04	7:25	6.22	26.74
		09/22/04	10:35	6.84	26.12
		04/04/05	12:30	5.73	27.23
		09/20/05	8:35	7.38	25.58
		01/25/06	14:55	5.06	27.90
		03/14/06	9:00	5.41	27.55
		03/14/06	12:20	5.44	27.52
		05/19/06	13:00	5.99	26.97
		06/09/06	13:36	5.81	27.15
		09/12/06	11:35	7.62	25.34
		04/03/07	9:45	5.31	27.65
		04/03/07	11:20	5.32	27.64
		09/24/07	10:13	7.36	25.60
		05/01/08	9:46	5.86	27.10
		09/29/08	NR	7.07	25.89
		03/23/09	9:25	5.61	27.35
		09/28/09	12:42	7.18	25.78
		03/25/10	8:12	5.86	27.10
		04/05/10	10:51	6.22	26.74
		05/06/10	8:47	6.35	26.61
		07/13/10	14:15	6.13	26.83
		09/27/10	11:30	6.35	26.61
		02/28/11	15:25	5.07	27.89
		03/17/11	13:30	5.00	27.96
		04/25/11	9:13	5.05	27.91
		05/04/11	9:07	5.25	27.71
		06/22/11	8:06	5.64	27.32
		09/20/11	13:10	7.08	25.88
		12/06/11	11:48	6.30	26.66
		03/05/12	13:42	5.27	27.69
		03/05/12	15:01	5.28	27.68
		06/25/12	12:12	5.65	27.31
		06/25/12	12:14	5.64	27.32
		10/03/12	16:30	7.41	25.55
		12/18/12	12:12	5.30	27.66
		12/18/12	12:50	5.30	27.66
		03/04/13	14:20	5.63	27.33
		03/04/13	15:14	5.60	27.36
		06/06/13	7:55	5.96	27.00
		09/24/13	12:03	6.73	26.23
		03/25/14	11:58	4.48	28.48
		09/22/14	12:05	7.17	25.79
MW-8	33.83	12/22/97	8:30	6.39	27.44
		03/06/98	9:46	6.20	27.63
		06/18/98	9:13	6.94	26.89
		09/29/98	9:42	8.22	25.61
		12/14/98	9:55	6.21	27.62
		01/07/99	9:12	6.10	27.73
		01/13/99	8:55	6.22	27.61
		03/02/99	9:21	5.38	28.45
		06/16/99	10:12	6.88	26.95
		09/16/99	10:33	7.65	26.18
		12/08/99	8:33	6.42	27.41
		03/07/00	8:42	5.97	27.86

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-8	33.83	06/21/00	10:06	6.77	27.06
(continued)		09/12/00	10:20	7.90	25.93
		12/07/00	9:10	7.46	26.37
		03/15/01	9:50	6.95	26.88
		07/12/01	12:00	7.31	26.52
		08/27/01	10:27	7.65	26.18
		09/24/01	11:52	7.98	25.85
		10/22/01	17:50	7.95	25.88
		11/19/01	14:15	6.88	26.95
	33.57	01/02/02	10:48	6.07	27.50
		03/27/02	10:21	5.98	27.59
		06/11/02	10:08	6.71	26.86
		09/17/02	12:26	7.94	25.63
		12/16/02	11:28	7.29	26.28
		03/17/03	10:37	6.58	26.99
		06/10/03	NR	7.05	26.52
		09/10/03	8:44	8.38	25.19
		12/03/03	11:00	6.70	26.87
		01/12/04	10:33	6.19	27.38
		03/15/04	11:00	6.32	27.25
		06/10/04	7:55	6.78	26.79
		09/23/04	8:05	7.40	26.17
		04/04/05	13:10	6.29	27.28
		09/20/05	9:10	7.94	25.63
		03/14/06	9:45	6.03	27.54
		03/15/06	10:55	6.03	27.54
		05/19/06	12:50	6.52	27.05
		06/09/06	13:54	6.37	27.20
		09/12/06	12:04	8.20	25.37
		04/03/07	10:08	5.88	27.69
		04/03/07	11:43	5.89	27.68
		09/24/07	10:34	7.95	25.62
		05/01/08	15:15	6.42	27.15
		09/29/08	NR	7.64	25.93
		03/23/09	9:43	6.15	27.42
		09/28/09	14:15	7.75	25.82
		03/25/10	10:20	6.43	27.14
		04/05/10	10:37	6.85	26.72
		05/06/10	8:10	6.97	26.60
		07/13/10	14:41	6.71	26.86
		09/27/10	9:41	6.93	26.64
		02/28/11	13:01	5.62	27.95
		03/17/11	13:00	5.55	28.02
		04/25/11	8:45	5.60	27.97
		05/04/11	8:50	5.80	27.77
		06/22/11	8:48	6.24	27.33
		09/20/11	13:38	7.65	25.92
		12/06/11	11:30	6.86	26.71
		03/05/12	13:20	5.84	27.73
		03/05/12	14:06	5.84	27.73
		06/25/12	12:27	6.21	27.36
		10/03/12	15:35	7.98	25.59
		12/18/12	13:34	5.86	27.71
		12/18/12	15:07	5.86	27.71
		03/04/13	15:05	6.17	27.40
		03/04/13	16:13	6.18	27.39
		06/06/13	7:52	6.51	27.06
		09/24/13	12:14	7.25	26.32
		03/25/14	12:22	5.39	28.18
		09/22/14	16:27	7.72	25.85
MW-9	33.77	08/27/01	10:26	7.80	25.97
		10/22/01	16:55	7.95	25.82
		11/19/01	14:23	7.02	26.75
		01/02/02	10:44	6.21	27.56

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-9	33.77	03/27/02	10:25	6.06	27.71
(continued)		06/11/02	10:05	6.84	26.93
		09/17/02	12:28	8.11	25.66
		12/16/02	11:30	7.51	26.26
		03/17/03	10:41	6.36	27.41
		06/10/03	NR	7.20	26.57
		09/10/03	8:49	8.61	25.16
		12/03/03	11:05	6.90	26.87
		01/12/04	10:40	6.34	27.43
		03/15/04	11:05	6.41	27.36
		06/10/04	8:00	7.00	26.77
		09/22/04	11:05	7.81	25.96
		04/04/05	13:15	6.45	27.32
		09/20/05	9:15	8.15	25.62
		01/25/06	15:10	5.74	28.03
		03/14/06	9:50	6.09	27.68
		03/14/06	14:10	6.09	27.68
		05/19/06	12:45	6.71	27.06
		06/09/06	13:58	6.54	27.23
		09/12/06	12:08	8.42	25.35
		04/03/07	10:10	6.00	27.77
		04/03/07	11:47	6.01	27.76
		09/24/07	10:37	8.15	25.62
		05/01/08	12:12	6.57	27.20
		09/29/08	NR	7.89	25.88
		03/23/09	9:50	6.28	27.49
		09/28/09	14:20	7.98	25.79
		03/25/10	10:24	6.55	27.22
		04/05/10	10:39	6.89	26.88
		05/06/10	8:11	7.10	26.67
		07/13/10	14:40	6.88	26.89
		09/27/10	9:45	7.12	26.65
		02/28/11	16:15	5.77	28.00
		03/17/11	12:59	5.61	28.16
		04/25/11	8:34	5.69	28.08
		05/04/11	8:48	5.89	27.88
		06/22/11	8:46	6.37	27.40
		09/20/11	13:36	7.84	25.93
		12/06/11	11:28	7.01	26.76
		03/05/12	13:25	5.96	27.81
		03/05/12	14:05	5.96	27.81
		06/25/12	12:25	6.37	27.40
		10/03/12	15:30	8.15	25.62
		12/18/12	13:35	6.00	27.77
		12/18/12	15:08	6.00	27.77
		03/04/13	15:07	6.30	27.47
		03/04/13	16:14	6.30	27.47
		06/06/13	7:53	6.61	27.16
		09/24/13	12:15	7.50	26.27
		03/25/14	12:14	5.52	28.25
		09/22/14	16:31	7.90	25.87
MW-10	32.89	01/02/02	10:18	5.48	27.41
		03/27/02	10:08	5.42	27.47
		06/11/02	10:25	6.08	26.81
		09/17/02	12:46	7.25	25.64
		12/16/02	11:07	6.58	26.31
		03/17/03	10:10	5.62	27.27
		06/10/03	NR	6.40	26.49
		09/10/03	8:20	7.72	25.17
		12/03/03	10:30	6.07	26.82
		01/12/04	10:03	5.58	27.31
		03/15/04	10:17	5.73	27.16
		06/10/04	7:15	6.13	26.76
		09/22/04	10:25	6.71	26.18

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-10 (continued)	32.89	04/04/05	12:25	5.66	27.23
		09/20/05	8:30	7.29	25.60
		01/25/06	14:50	5.05	27.84
		03/14/06	11:05	5.35	27.54
		03/15/06	11:25	5.42	27.47
		05/19/06	12:15	5.90	26.99
		06/09/06	13:30	5.74	27.15
		09/12/06	11:28	7.53	25.36
		04/03/07	9:20	5.31	27.58
		04/03/07	11:00	5.27	27.62
		09/24/07	10:08	7.25	25.64
		05/01/08	9:35	5.76	27.13
		09/29/08	NR	6.96	25.93
		03/23/09	8:31	5.54	27.35
		09/28/09	12:51	7.06	25.83
		03/25/10	8:10	5.65	27.24
		04/05/10	10:53	6.00	26.89
		05/06/10	8:46	6.22	26.67
		07/13/10	14:06	6.03	26.86
		09/27/10	11:35	6.21	26.68
		02/28/11	15:31	4.96	27.93
		03/17/11	13:39	4.93	27.96
		04/25/11	9:25	4.94	27.95
		05/04/11	9:09	5.07	27.82
		06/22/11	8:01	5.55	27.34
		09/20/11	13:03	6.96	25.93
		12/06/11	11:50	6.20	26.69
		03/05/12	13:32	5.16	27.73
		03/05/12	15:05	5.17	27.72
		06/25/12	12:05	5.57	27.32
		06/25/12	12:15	5.54	27.35
		10/03/12	16:30	7.31	25.58
		12/18/12	12:10	5.30	27.59
		12/18/12	12:45	5.20	27.69
		12/18/12	14:00	5.19	27.70
		03/04/13	14:16	5.52	27.37
		03/04/13	15:15	5.50	27.39
		06/06/13	7:59	5.85	27.04
		09/24/13	11:59	6.60	26.29
		03/25/14	11:42	4.83	28.06
		09/22/14	16:38	7.05	25.84
MW-11	32.79	08/27/01	10:16	6.88	25.91
		10/15/02	11:50	8.20	24.59
		10/22/01	12:20	7.14	25.65
		10/29/01	16:04	6.98	25.81
		11/19/01	12:55	6.27	26.52
		01/02/02	11:00	5.34	27.45
		03/27/02	10:34	5.25	27.54
		06/11/02	10:16	5.95	26.84
		09/17/02	12:14	7.16	25.63
		12/16/02	11:21	6.50	26.29
		03/17/03	10:25	5.48	27.31
		06/10/03	NR	6.28	26.51
		09/10/03	8:36	7.61	25.18
		12/03/03	10:44	5.94	26.85
		01/12/04	10:18	5.43	27.36
		03/15/04	10:40	5.57	27.22
		06/10/04	7:45	6.01	26.78
		09/22/04	10:55	6.62	26.17
		04/04/05	12:50	5.57	27.22
		09/20/05	8:55	7.16	25.63
		03/14/06	9:20	5.21	27.58
		03/14/06	13:15	5.21	27.58
		06/09/06	13:45	5.63	27.16

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-11 (continued)	32.79	09/12/06	11:48	7.42	25.37
		04/03/07	9:59	5.13	27.66
		04/03/07	11:33	5.14	27.65
		09/24/07	10:24	7.16	25.63
		05/01/08	10:02	5.65	27.14
		09/29/08	NR	6.86	25.93
		03/23/09	9:32	5.41	27.38
		09/28/09	14:06	6.99	25.80
		03/25/10	9:00	5.67	27.12
		04/05/10	10:33	6.07	26.72
		05/06/10	8:09	6.17	26.62
		07/13/10	14:39	5.94	26.85
		09/27/10	10:15	6.10	26.69
		02/28/11	13:40	4.84	27.95
		03/17/11	13:07	4.80	27.99
		04/25/11	8:54	4.81	27.98
		05/04/11	8:57	5.01	27.78
		06/22/11	9:00	5.43	27.36
		09/20/11	13:47	6.84	25.95
		12/06/11	11:36	6.07	26.72
		06/25/12	12:40	5.42	27.37
		10/03/12	15:00	7.18	25.61
		03/25/14	12:10	4.65	28.14
MW-12	32.81	08/27/01	10:15	6.89	25.92
		10/15/01	11:40	8.24	24.57
		10/22/01	14:05	7.13	25.68
		10/29/01	14:17	7.12	25.69
		11/19/01	11:07	6.22	26.59
		01/02/02	11:02	5.36	27.45
		03/27/02	10:31	5.28	27.53
		06/11/02	10:18	5.97	26.84
		09/17/02	12:11	7.16	25.65
		12/16/02	11:19	6.51	26.30
		03/17/03	10:23	5.50	27.31
		06/10/03	NR	6.30	26.51
		09/10/03	8:33	7.64	25.17
		12/03/03	10:42	5.98	26.83
		01/12/04	10:16	5.45	27.36
		03/15/04	10:35	5.60	27.21
		06/10/04	7:40	6.03	26.78
		09/22/04	10:50	6.64	26.17
		04/04/05	12:45	5.55	27.26
		09/20/05	8:50	7.19	25.62
		01/25/06	15:00	4.85	27.96
		03/14/06	9:15	5.20	27.61
		03/14/06	12:50	5.23	27.58
		05/19/06	12:20	5.78	27.03
		06/09/06	13:48	5.61	27.20
		09/12/06	11:46	7.45	25.36
		04/03/07	9:57	5.15	27.66
		04/03/07	11:30	5.14	27.67
		09/24/07	10:22	7.18	25.63
		05/01/08	9:57	5.68	27.13
		09/29/08	NR	6.88	25.93
		03/23/09	9:30	5.44	27.37
		09/28/09	14:03	7.00	25.81
		03/25/10	10:07	5.69	27.12
		04/05/10	10:32	6.08	26.73
		05/06/10	8:00	6.20	26.61
		07/13/10	14:40	5.94	26.87
		09/27/10	10:20	6.12	26.69
		02/28/11	13:20	4.86	27.95
		03/17/11	13:09	4.80	28.01
		04/25/11	8:56	4.85	27.96

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-12	32.81	05/04/11	8:58	5.05	27.76
(continued)		06/22/11	9:03	5.46	27.35
		09/20/11	13:49	6.87	25.94
		12/06/11	11:38	6.10	26.71
		03/05/12	13:17	5.09	27.72
		03/05/12	14:29	5.07	27.74
		06/25/12	12:42	5.44	27.37
		10/03/12	15:17	7.20	25.61
		12/18/12	13:30	5.12	27.69
		12/18/12	15:27	5.10	27.71
		03/04/13	15:03	5.40	27.41
		03/04/13	16:11	5.40	27.41
		06/06/13	7:50	5.75	27.06
		09/24/13	12:19	6.55	26.26
		03/25/14	12:06	4.69	28.12
		09/22/14	16:19	6.98	25.83
MW-23	32.78	09/12/06	11:30	7.44	25.34
		04/03/07	9:40	5.17	27.61
		04/03/07	11:14	5.16	27.62
		09/24/07	10:11	7.17	25.61
		05/01/08	9:42	5.66	27.12
		09/29/08	NR	6.87	25.91
		03/23/09	9:17	5.43	27.35
		09/28/09	12:47	6.98	25.80
		03/25/10	8:14	5.63	27.15
		04/05/10	10:49	5.98	26.80
		05/06/10	8:48	6.13	26.65
		07/13/10	14:10	5.93	26.85
		09/27/10	11:30	6.13	26.65
		02/28/11	14:19	4.86	27.92
		03/17/11	13:32	4.83	27.95
		04/25/11	9:11	4.85	27.93
		05/04/11	9:06	5.04	27.74
		06/22/11	8:04	5.48	27.30
		09/20/11	13:07	6.88	25.90
		12/06/11	11:45	6.10	26.68
		03/05/12	13:40	5.07	27.71
		03/05/12	15:00	5.08	27.70
		06/25/12	12:10	5.45	27.33
		06/25/12	12:14	5.45	27.33
		10/03/12	16:30	7.21	25.57
		12/18/12	13:55	5.10	27.68
		12/18/12	15:30	5.10	27.68
		03/04/13	15:13	5.41	27.37
		03/04/13	16:13	5.41	27.37
		06/06/13	7:56	5.77	27.01
		09/24/13	12:01	6.53	26.25
		03/25/14	11:54	4.72	28.06
		09/22/14	16:35	6.96	25.82
MW-26	32.65	03/25/10	8:56	5.52	27.13
		04/05/10	11:05	5.91	26.74
		05/06/10	8:06	6.00	26.65
		06/09/10	8:57	5.10	27.55
		Well Abandoned July 6, 2010			
Shallow On-Site Injection Wells					
INJ-1	32.77	11/19/01	14:27	6.50	26.27
		03/27/02	10:38	5.23	27.54
		06/11/02	10:11	5.94	26.83
		09/17/02	12:16	7.14	25.63
		12/16/02	11:24	6.48	26.29
		03/17/03	10:32	5.47	27.30
		06/10/03	NR	6.09	26.68
		09/11/03	10:00	7.56	25.21
		01/12/04	10:27	5.44	27.33

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
INJ-1	32.77	03/15/04	10:50	5.55	27.22
(continued)		04/04/05	13:00	5.49	27.28
		09/12/06	11:55	7.41	25.36
		04/03/07	10:03	5.06	27.71
		04/25/11	8:52	4.75	28.02
		05/04/11	8:54	4.83	27.94
		09/20/11	13:43	7.15	25.62
		12/06/11	11:35	6.09	26.68
INJ-2	32.81	10/15/01	11:35	8.22	24.59
		10/22/01	15:43	7.12	25.69
		10/29/01	13:10	7.02	25.79
		11/19/01	11:05	6.30	26.51
		03/27/02	10:28	5.29	27.52
		06/11/02	10:20	5.99	26.82
		09/17/02	12:10	7.18	25.63
		12/16/02	11:17	6.52	26.29
		03/17/03	10:20	5.51	27.30
		06/10/03	NR	6.31	26.50
		09/10/03	8:30	7.65	25.16
		12/03/03	10:40	6.00	26.81
		01/12/04	10:14	5.46	27.35
		03/15/04	10:30	5.62	27.19
		06/10/04	7:35	6.05	26.76
		09/22/04	10:45	6.65	26.16
		04/04/05	12:40	5.58	27.23
		09/20/05	NR	7.20	25.61
		03/14/06	9:10	5.25	27.56
		09/12/06	11:44	7.47	25.34
		04/03/07	9:55	5.12	27.69
		09/24/07	10:20	7.19	25.62
		05/01/08	9:53	5.70	27.11
		03/25/10	10:05	5.69	27.12
		05/06/10	8:05	6.20	26.61
		09/27/10	10:21	6.15	26.66
		02/28/11	13:16	4.87	27.94
		03/17/11	13:06	4.83	27.98
		04/25/11	8:58	4.86	27.95
		05/04/11	8:59	5.05	27.76
		09/20/11	13:50	6.89	25.92
		12/06/11	11:39	6.10	26.71
		10/03/12	15:17	7.20	25.61
INJ-3	33.01	11/19/01	14:40	6.45	26.56
		06/11/02	10:21	6.19	26.82
		09/17/02	12:43	7.38	25.63
		12/16/02	11:15	7.00	26.01
		03/17/03	10:17	5.74	27.27
		06/10/03	NR	6.50	26.51
		09/10/03	8:27	7.73	25.28
		12/03/03	10:50	6.32	26.69
		01/12/03	10:11	5.70	27.31
		03/15/04	10:27	5.81	27.20
		06/10/04	7:30	6.18	26.83
		09/22/04	10:40	6.90	26.11
		04/04/05	12:35	5.58	27.43
		09/20/05	NR	7.32	25.69
		03/14/06	9:05	5.37	27.64
		06/09/06	13:39	5.72	27.29
		09/12/06	11:40	7.65	25.36
		04/03/07	9:50	5.30	27.71
		09/24/07	10:16	7.25	25.76
		05/01/08	9:51	5.78	27.23
		09/29/08	NR	7.02	25.99
		03/25/10	10:00	5.84	27.17

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
INJ-3	33.01	05/06/10	8:04	6.28	26.73
(continued)		02/28/11	13:55	5.09	27.92
		03/17/11	13:05	5.01	28.00
		04/25/11	8:59	5.15	27.86
		05/04/11	9:01	5.11	27.90
		09/20/11	13:55	6.83	26.18
		12/06/11	11:44	6.40	26.61
		10/03/12	15:25	7.42	25.59
IW-201	32.71	03/25/10	8:58	5.59	27.12
		04/05/10	11:03	5.99	26.72
		05/06/10	8:07	6.08	26.63
		09/27/10	10:22	5.96	26.75
		02/28/11	13:29	4.82	27.89
		10/03/12	15:00	7.08	25.63
IW-202	32.61	10/03/12	15:24	7.10	25.51
		12/18/12	14:25	5.00	27.61
		12/18/12	16:00	5.00	27.61
IW-203	32.45	10/03/12	15:17	6.94	25.51
IW-204	32.73	10/03/12	15:35	7.20	25.53
IW-205	32.92	10/03/12	15:35	7.39	25.53
		12/18/12	14:27	5.30	27.62
		12/18/12	16:05	5.30	27.62
IW-206	32.68	10/03/12	15:17	7.15	25.53
IW-207	32.53	10/03/12			
IW-208	32.73	10/03/12	15:40	7.21	25.52
IW-209	32.95	10/03/12	15:35	7.42	25.53
IW-210	32.87	10/03/12	15:24	7.37	25.50
		12/18/12	14:26	5.28	27.59
		12/18/12	16:02	5.28	27.59
IW-211	32.81	10/03/12	15:24	7.28	25.53
IW-212	32.81	10/03/12	16:50	7.35	25.46
IW-213	33.02	10/03/12	15:40	7.50	25.52
IW-214	33.08	10/03/12	15:40	7.58	25.50
		12/18/12	14:26	5.49	27.59
		12/18/12	16:04	5.49	27.59
IW-215	32.72	10/03/12	NR	NM	NM
IW-216	32.9	10/03/12	NR	NM	NM
IW-217	32.82	10/03/12	16:30	7.37	25.45
IW-218	33.19	10/03/12	NR	NM	NM
Deep On-Site Monitoring Wells and Piezometer					
MW-13	32.81	03/31/03	13:05	5.43	27.38
		06/10/03	NR	6.09	26.72
		09/10/03	9:26	7.65	25.16
		12/03/03	11:20	5.91	26.90
		01/12/04	11:23	5.37	27.44
		03/15/04	11:20	5.55	27.26
		06/10/04	8:30	6.44	26.37
		09/22/04	11:25	6.60	26.21
		04/04/05	13:45	5.50	27.31
		07/28/05	10:35	6.27	26.54
		09/20/05	9:45	7.10	25.71
		03/14/06	10:40	6.20	26.61
		03/15/06	8:55	6.14	26.67
		06/09/06	14:15	5.54	27.27
		09/12/06	12:40	7.44	25.37

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-13	32.81	04/03/07	10:43	6.04	26.77
(continued)		04/03/07	12:10	4.40	28.41
		09/24/07	11:02	10.60	22.21
		09/24/07	12:42	7.11	25.70
		05/01/08	11:00	5.61	27.20
		09/29/08	NR	7.70	25.11
		09/29/08	NR	6.78	26.03
		03/23/09	10:30	5.43	27.38
		03/23/09	12:30	5.34	27.47
		09/28/09	13:50	6.87	25.94
		09/28/09	14:40	6.87	25.94
		03/25/10	8:20	5.82	26.99
		03/25/10	10:40	5.73	27.08
		03/25/10	16:00	5.74	27.07
		03/29/10	8:05	5.73	27.08
		03/29/10	9:02	5.62	27.19
		04/05/10	1116	6.21	26.60
		05/06/10	8:27	6.37	26.44
		05/06/10	9:00	6.17	26.64
		06/18/10	11:30	5.48	27.33
		06/18/10	12:33	5.45	27.36
		07/06/10	11:15	5.60	27.21
		07/06/10	13:23	5.76	27.05
		07/13/10	14:21	5.90	26.91
		09/27/10	10:40	6.40	26.41
		09/27/10	12:05	6.07	26.74
		02/28/11	14:12	5.31	27.50
		02/28/11	16:29	4.81	28.00
		03/17/11	14:00	4.74	28.07
		04/25/11	8:14	4.78	28.03
		04/25/11	10:06	4.73	28.08
		05/04/11	8:29	4.98	27.83
		05/04/11	9:44	4.96	27.85
		06/22/11	8:14	5.24	27.57
		06/22/11	9:36	5.35	27.46
		09/20/11	13:16	6.71	26.10
		09/20/11	14:20	6.76	26.05
		12/06/11	11:03	7.71	25.10
		12/06/11	12:05	6.01	26.80
		03/05/12	12:30	6.01	26.80
		03/05/12	14:10	4.99	27.82
		03/05/12	14:50	5.00	27.81
		06/25/12	13:05	5.42	27.39
		06/25/12	14:10	5.38	27.43
		10/03/12	13:12	7.10	25.71
		12/18/12	13:43	7.20	25.61
		12/18/12	13:45	5.60	27.21
		12/18/12	15:20	5.05	27.76
		12/18/12	15:45	5.05	27.76
		03/04/13	14:25	5.20	27.61
		03/04/13	16:09	5.30	27.51
		03/08/13	12:31	5.30	27.51
		06/06/13	7:37	5.66	27.15
		06/06/13	8:40	5.75	27.06
		09/24/13	12:48	6.42	26.39
		03/25/14	13:55	4.62	28.19
		09/22/14	15:03	6.88	25.93
MW-14	32.60	12/03/03	10:03	5.65	26.95
		01/12/04	11:30	5.07	27.53
		03/16/04	13:00	5.21	27.39
		06/10/04	8:20	5.68	26.92
		09/23/04	8:20	6.30	26.30
		04/04/05	13:25	5.25	27.35
		07/28/05	10:20	6.01	26.59

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-14 (continued)	32.60	09/20/05	9:25	6.86	25.74
		03/14/06	10:05	4.90	27.70
		03/14/06	15:30	4.85	27.75
		06/09/06	14:05	5.27	27.33
		09/12/06	12:16	7.13	25.47
		04/03/07	10:17	4.39	28.21
		04/03/07	11:52	4.75	27.85
		09/24/07	10:51	6.85	25.75
		09/24/07	12:51	6.86	25.74
		05/01/08	10:55	5.34	27.26
		09/29/08	NR	6.56	26.04
		09/29/08	NR	6.57	26.03
		03/23/09	13:15	5.08	27.52
		03/23/09	14:25	5.08	27.52
		09/28/09	13:35	6.62	25.98
		09/28/09	14:47	6.61	25.99
		03/25/10	10:30	5.57	27.03
		03/25/10	11:30	5.57	27.03
		03/25/10	16:02	5.59	27.01
		03/29/10	8:15	5.42	27.18
		03/29/10	9:20	5.41	27.19
		04/05/10	11:20	6.15	26.45
		05/06/10	8:17	5.93	26.67
		05/06/10	9:07	5.92	26.68
		06/18/10	11:25	5.25	27.35
		06/18/10	12:30	5.25	27.35
		07/06/10	10:50	5.53	27.07
		07/06/10	12:22	5.53	27.07
		07/13/10	14:41	5.67	26.93
		09/27/10	9:59	5.85	26.75
		09/27/10	12:00	5.84	26.76
		02/28/11	15:00	4.55	28.05
		02/28/11	16:15	NM	NM
		03/17/11	13:52	4.48	28.12
		04/25/11	8:29	NM	NM
		05/04/11	8:42	4.69	27.91
		05/04/11	9:51	4.71	27.89
		06/22/11	8:39	5.15	27.45
		06/22/11	9:50	5.15	27.45
		09/20/11	13:30	6.55	26.05
		09/20/11	14:36	6.56	26.04
		12/06/11	11:23	5.81	26.79
		12/06/11	12:23	5.78	26.82
		03/05/12	12:56	4.72	27.88
		03/05/12	14:20	4.74	27.86
		06/25/12	12:20	5.14	27.46
		06/25/12	14:00	5.14	27.46
		10/03/12	15:30	6.88	25.72
		12/18/12	13:37	4.79	27.81
		12/18/12	15:11	4.80	27.80
		03/04/13	14:48	5.08	27.52
		03/04/13	16:05	5.06	27.54
		03/08/13	12:28	5.05	27.55
		06/06/13	7:33	5.42	27.18
		06/06/13	8:47	5.43	27.17
		09/24/13	12:24	6.24	26.36
		03/25/14	13:59	4.33	28.27
		09/22/14	15:10	6.67	25.93
MW-15	32.57	12/03/03	10:00	5.46	27.11
		01/12/04	11:09	4.86	27.71
		03/16/04	13:35	4.98	27.59
		06/10/04	8:15	5.50	27.07
		09/23/04	8:15	6.23	26.34
		04/04/05	13:30	5.07	27.50

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-15	32.57	07/28/05	10:25	5.84	26.73
(continued)		09/20/05	9:30	6.69	25.88
		03/14/06	10:10	4.96	27.61
		03/14/06	15:55	4.65	27.92
		06/09/06	14:09	5.07	27.50
		09/12/06	12:20	6.97	25.60
		04/03/07	10:22	4.82	27.75
		04/03/07	11:55	4.55	28.02
		09/24/07	10:48	6.87	25.70
		09/24/07	12:55	6.70	25.87
		05/01/08	11:20	5.20	27.37
		09/29/08	NR	6.51	26.06
		09/29/08	NR	6.38	26.19
		03/23/09	13:20	4.95	27.62
		03/23/09	14:40	4.90	27.67
		09/28/09	13:25	6.50	26.07
		09/28/09	14:50	6.45	26.12
		03/25/10	10:33	5.57	27.00
		03/25/10	11:32	5.58	26.99
		03/25/10	16:05	5.62	26.95
		03/29/10	8:17	5.40	27.17
		03/29/10	9:23	5.39	27.18
		04/05/10	11:22	6.35	26.22
		05/06/10	8:16	5.85	26.72
		05/06/10	9:07	5.82	26.75
		06/18/10	11:22	5.18	27.39
		06/18/10	12:32	5.18	27.39
		07/06/10	11:00	5.42	27.15
		07/06/10	12:20	5.42	27.15
		07/13/10	14:40	5.51	27.06
		09/27/10	10:02	5.71	26.86
		09/27/10	12:25	5.70	26.87
		02/28/11	15:07	4.41	28.16
		02/28/11	16:37	4.41	28.16
		03/17/11	13:50	4.30	28.27
		04/25/11	8:25	4.31	28.26
		04/25/11	10:10	4.32	28.25
		05/04/11	8:37	4.54	28.03
		05/04/11	9:50	4.55	28.02
		06/22/11	8:35	4.96	27.61
		06/22/11	9:42	4.99	27.58
		09/20/11	13:29	6.56	26.01
		09/20/11	14:32	6.51	26.06
		12/06/11	11:18	5.73	26.84
		12/06/11	12:20	5.61	26.96
		03/05/12	12:43	4.55	28.02
		03/05/12	14:22	4.56	28.01
		06/25/12	12:18	4.96	27.61
		06/25/12	13:58	4.99	27.58
		10/03/12	NR	NM	NM
		12/18/12	13:38	4.64	27.93
		12/18/12	15:13	4.65	27.92
		03/04/13	14:50	4.91	27.66
		03/04/13	16:06	4.90	27.67
		03/08/13	12:28	4.90	27.67
		06/06/13	7:32	5.27	27.30
		06/06/13	8:50	5.27	27.30
		09/24/13	12:29	6.11	26.46
		03/25/14	14:03	4.15	28.42
		09/22/14	15:42	6.51	26.06
MW-16	36.92	12/03/03	10:10	10.11	26.81
		01/12/04	11:40	9.56	27.36
		03/15/04	11:30	9.68	27.24
		06/10/04	8:40	10.12	26.80

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-16	36.92	09/22/04	11:35	10.72	26.20
(continued)		04/04/05	13:55	9.70	27.22
		07/28/05	10:30	10.48	26.44
		09/20/05	9:50	11.31	25.61
		03/14/06	11:00	9.30	27.62
		03/15/06	12:45	9.30	27.62
		06/09/06	14:30	9.70	27.22
		09/12/06	12:50	11.56	25.36
		04/03/07	10:55	9.25	27.67
		04/03/07	12:25	9.28	27.64
		09/24/07	11:17	11.29	25.63
		05/01/08	11:40	9.80	27.12
		09/29/08	NR	10.95	25.97
		09/29/08	NR	10.90	26.02
		03/23/09	11:05	9.54	27.38
		03/23/09	12:50	9.51	27.41
		09/28/09	13:15	11.03	25.89
		09/28/09	14:35	11.03	25.89
		03/25/10	8:17	9.77	27.15
		03/25/10	10:45	9.74	27.18
		03/25/10	16:09	9.74	27.18
		03/29/10	8:22	9.63	27.29
		03/29/10	9:30	9.59	27.33
		04/05/10	11:40	10.21	26.71
		05/06/10	8:25	10.26	26.66
		05/06/10	9:12	10.27	26.65
		06/18/10	11:45	9.54	27.38
		06/18/10	12:50	9.52	27.40
		07/06/10	11:10	9.91	27.01
		07/06/10	13:20	9.92	27.00
		07/13/10	14:20	10.04	26.88
		09/27/10	10:52	10.25	26.67
		09/27/10	12:15	10.25	26.67
		02/28/11	15:14	8.97	27.95
		02/28/11	16:40	8.99	27.93
		03/17/11	14:30	8.92	28.00
		04/25/11	8:40	8.88	28.04
		04/25/11	10:15	8.90	28.02
		05/04/11	9:04	9.12	27.80
		05/04/11	10:06	9.12	27.80
		06/22/11	8:12	9.51	27.41
		06/22/11	9:33	9.54	27.38
		09/20/11	13:14	10.98	25.94
		09/20/11	14:16	10.99	25.93
		12/06/11	11:01	10.17	26.75
		12/06/11	12:04	10.16	26.76
		03/05/12	13:15	9.11	27.81
		03/05/12	14:50	9.12	27.80
		06/25/12	13:12	9.53	27.39
		06/25/12	14:15	9.53	27.39
		10/03/12	16:50	11.33	25.59
		12/18/12	13:46	9.22	27.70
		12/18/12	15:18	9.22	27.70
		03/04/13	14:23	9.58	27.34
		03/04/13	16:09	9.45	27.47
		03/08/13	11:30	9.45	27.47
		06/06/13	7:45	9.77	27.15
		06/06/13	8:43	9.81	27.11
		09/24/13	12:53	10.63	26.29
		03/25/14	14:07	8.69	28.23
		09/22/14	15:40	11.05	25.87
MW-17	32.60	12/03/03	10:20	5.91	26.69
		01/12/04	12:05	5.43	27.17
		03/15/04	10:05	5.59	27.01
		06/10/04	7:05	5.95	26.65
		09/22/04	10:15	6.50	26.10
		04/04/05	12:15	5.50	27.10

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-17	32.60	07/28/05	10:10	6.28	26.32
(continued)		09/20/05	8:15	7.18	25.42
		03/14/06	11:30	5.17	27.43
		03/15/06	9:25	5.24	27.36
		06/09/06	14:45	5.53	27.07
		09/12/06	11:15	7.31	25.29
		04/03/07	9:25	5.15	27.45
		04/03/07	11:05	5.13	27.47
		09/24/07	10:03	7.03	25.57
		09/24/07	12:35	7.03	25.57
		05/01/08	9:30	5.57	27.03
		09/29/08	NR	6.72	25.88
		09/29/08	NR	6.71	25.89
		03/23/09	8:38	5.35	27.25
		03/23/09	12:17	5.33	27.27
		09/28/09	12:58	6.86	25.74
		09/28/09	14:21	6.85	25.75
		03/25/10	9:35	5.37	27.23
		03/25/10	10:55	5.38	27.22
		03/25/10	16:25	5.38	27.22
		03/29/10	8:00	5.30	27.30
		03/29/10	8:45	5.30	27.30
		04/05/10	11:27	5.65	26.95
		05/06/10	8:55	5.98	26.62
		05/06/10	9:12	5.98	26.62
		06/18/10	11:15	5.22	27.38
		06/18/10	12:10	5.22	27.38
		07/06/10	10:38	5.66	26.94
		07/06/10	13:55	5.67	26.93
		07/13/10	14:05	5.80	26.80
		09/27/10	11:15	5.99	26.61
		09/27/10	12:25	6.00	26.60
		02/28/11	15:37	4.76	27.84
		02/28/11	16:47	4.78	27.82
		03/17/11	13:42	4.75	27.85
		04/25/11	9:31	4.73	27.87
		04/25/11	11:12	4.75	27.85
		05/04/11	9:21	4.99	27.61
		05/04/11	10:22	5.00	27.60
		06/22/11	7:50	5.34	27.26
		06/22/11	9:27	5.35	27.25
		09/20/11	13:01	6.72	25.88
		09/20/11	14:06	6.70	25.90
		12/06/11	10:58	5.70	26.90
		12/06/11	12:01	5.99	26.61
		03/05/12	13:47	4.96	27.64
		03/05/12	15:10	4.98	27.62
		06/25/12	12:00	5.32	27.28
		06/25/12	13:45	5.34	27.26
		10/03/12	16:30	7.10	25.50
		12/18/12	11:55	4.90	27.70
		12/18/12	12:01	5.02	27.58
		12/18/12	12:06	5.02	27.58
		03/04/13	14:09	5.30	27.30
		03/04/13	16:20	5.30	27.30
		03/08/13	12:24	5.27	27.33
		06/06/13	8:00	5.43	27.17
		06/06/13	9:03	5.66	26.94
		09/24/13	11:54	6.30	26.30
		03/25/14	14:11	4.60	28.00
		09/22/14	13:43	6.82	25.78
MW-18	32.73	12/03/03	11:50	5.94	26.79
		01/12/04	10:00	5.43	27.30
		03/15/04	10:15	5.60	27.13

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-18	32.73	06/10/04	7:10	6.00	26.73
(continued)		09/22/04	10:20	6.57	26.16
		04/04/05	12:20	5.53	27.20
		07/28/05	10:05	6.31	26.42
		09/20/05	8:25	7.13	25.60
		03/14/06	11:10	5.23	27.50
		03/15/06	10:25	5.29	27.44
		06/09/06	13:32	5.60	27.13
		09/12/06	11:25	7.40	25.33
		04/03/07	11:03	5.15	27.58
		09/24/07	10:06	7.11	25.62
		09/24/07	12:37	7.11	25.62
		05/01/08	9:07	5.61	27.12
		09/29/08	NR	6.80	25.93
		09/29/08	NR	6.79	25.94
		03/23/09	8:27	5.38	27.35
		03/23/09	12:15	5.37	27.36
		09/28/09	12:56	6.91	25.82
		09/28/09	14:25	6.90	25.83
		03/25/10	8:00	5.53	27.20
		03/25/10	11:00	5.47	27.26
		03/25/10	16:13	5.47	27.26
		03/29/10	7:56	5.40	27.33
		03/29/10	8:50	5.37	27.36
		04/05/10	11:25	5.84	26.89
		05/06/10	8:45	6.02	26.71
		05/06/10	9:25	6.01	26.72
		06/18/10	11:10	5.32	27.41
		06/18/10	12:05	5.34	27.39
		07/06/10	10:43	5.72	27.01
		07/06/10	14:00	5.73	27.00
		07/13/10	14:07	5.88	26.85
		09/27/10	11:35	6.06	26.67
		09/27/10	12:30	6.06	26.67
		02/28/11	15:29	4.82	27.91
		02/28/11	16:45	4.82	27.91
		03/17/11	14:40	4.78	27.95
		04/25/11	9:23	4.85	27.88
		04/25/11	11:07	4.80	27.93
		05/04/11	9:10	5.00	27.73
		05/04/11	10:10	5.00	27.73
		06/22/11	7:59	5.42	27.31
		06/22/11	9:28	5.41	27.32
		09/20/11	13:05	6.81	25.92
		09/20/11	14:09	6.78	25.95
		12/06/11	11:52	6.03	26.70
		12/06/11	12:53	6.05	26.68
		03/05/12	13:30	5.01	27.72
		03/05/12	15:06	5.01	27.72
		06/25/12	NR	NM	NM
		10/03/12	16:30	7.16	25.57
		12/18/12	12:08	5.05	27.68
		12/18/12	12:52	5.05	27.68
		03/04/13	14:15	5.37	27.36
		03/04/13	15:16	5.35	27.38
		03/08/13	12:26	5.30	27.43
		06/06/13	7:59	5.70	27.03
		06/06/13	9:02	5.70	27.03
		09/24/13	11:58	6.44	26.29
		03/25/14	14:16	4.68	28.05
		09/22/14	13:48	6.91	25.82
MW-19	33.52	03/16/04	10:10	6.54	26.98
		06/10/04	7:20	6.87	26.65
		09/22/04	10:30	7.44	26.08

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-19	33.52	04/04/05	12:05	6.37	27.15
(continued)		07/28/05	10:15	7.20	26.32
		09/20/05	8:20	7.98	25.54
		03/14/06	11:20	6.15	27.37
		03/15/06	9:55	6.21	27.31
		06/09/06	14:36	6.49	27.03
		09/12/06	11:20	8.25	25.27
		04/03/07	9:30	6.10	27.42
		04/03/07	11:07	6.07	27.45
		09/24/07	10:00	7.94	25.58
		09/24/07	12:30	7.95	25.57
		05/01/08	9:20	6.50	27.02
		09/29/08	NR	7.66	25.86
		09/29/08	NR	7.64	25.88
		03/23/09	9:15	6.29	27.23
		03/23/09	12:20	6.27	27.25
		09/28/09	12:35	7.79	25.73
		09/28/09	14:20	7.79	25.73
		03/25/10	9:25	6.25	27.27
		03/25/10	10:50	6.27	27.25
		03/25/10	16:28	6.29	27.23
		03/29/10	7:40	6.15	27.37
		03/29/10	8:40	6.18	27.34
		04/05/10	11:28	6.46	27.06
		05/06/10	7:30	6.60	26.92
		05/06/10	9:40	6.61	26.91
		06/18/10	11:05	6.11	27.41
		06/18/10	12:00	6.11	27.41
		07/06/10	10:34	6.58	26.94
		07/06/10	13:53	6.59	26.93
		07/13/10	14:00	6.71	26.81
		09/27/10	11:10	6.92	26.60
		09/27/10	12:34	6.90	26.62
		02/28/11	15:45	5.68	27.84
		02/28/11	16:50	5.69	27.83
		03/17/11	14:50	5.70	27.82
		04/25/11	9:28	5.65	27.87
		04/25/11	11:10	5.64	27.88
		05/04/11	9:12	5.89	27.63
		05/04/11	10:13	5.88	27.64
		06/22/11	7:47	6.28	27.24
		06/22/11	9:19	6.28	27.24
		09/20/11	12:55	7.63	25.89
		09/20/11	14:03	7.61	25.91
		12/06/11	10:50	6.89	26.63
		12/06/11	11:59	6.89	26.63
		03/05/12	13:45	5.88	27.64
		03/05/12	15:12	5.90	27.62
		06/25/12	11:50	6.27	27.25
		06/25/12	13:48	6.25	27.27
		10/03/12	16:30	8.02	25.50
		12/18/12	11:50	5.94	27.58
		12/18/12	12:36	5.93	27.59
		12/18/12	13:00	5.93	27.59
		03/04/13	14:00	6.23	27.29
		03/04/13	15:20	6.21	27.31
		03/08/13	12:22	6.16	27.36
		06/06/13	8:05	6.55	26.97
		06/06/13	9:00	6.57	26.95
		09/24/13	11:40	7.26	26.26
		03/25/14	14:24	5.55	27.97
		09/22/14	13:40	7.74	25.78
MW-21	32.86	09/12/06	12:35	7.45	25.41
		04/03/07	10:40	5.23	27.63

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-21	32.86	04/03/07	12:06	5.06	27.80
(continued)		09/24/07	10:58	7.11	25.75
		09/24/07	12:44	7.15	25.71
		05/01/08	11:05	5.62	27.24
		09/29/08	NR	6.84	26.02
		09/29/08	NR	6.82	26.04
		03/23/09	10:15	5.40	27.46
		03/23/09	12:35	5.39	27.47
		09/28/09	13:40	6.98*	25.88*
		09/28/09	14:45	6.22*	26.64*
		09/30/09	14:40	7.07*	25.79*
		03/25/10	8:36	5.82	27.04
		03/25/10	10:38	5.82	27.04
		03/25/10	16:20	5.82	27.04
		03/29/10	8:15	5.68	27.18
		03/29/10	9:15	5.67	27.19
		04/05/10	11:10	6.38	26.48
		05/06/10	8:33	6.28	26.58
		05/06/10	9:06	6.28	26.58
		06/18/10	11:20	5.50	27.36
		06/18/10	12:35	5.50	27.36
		07/06/10	11:30	5.70	27.16
		07/06/10	12:00	5.85	27.01
		07/13/10	14:31	5.98	26.88
		09/27/10	10:12	6.05	26.81
		09/27/10	12:10	6.15	26.71
		02/28/11	14:40	4.93	27.93
		02/28/11	16:33	4.85	28.01
		03/17/11	14:50	4.78	28.08
		04/25/11	8:21	4.84	28.02
		04/25/11	10:08	4.77	28.09
		05/04/11	8:35	5.00	27.86
		05/04/11	9:48	4.99	27.87
		06/22/11	8:27	5.48	27.38
		06/22/11	9:38	5.42	27.44
		09/20/11	13:25	6.89	25.97
		09/20/11	13:28	6.85	26.01
		12/06/11	11:12	8.00	24.86
		12/06/11	12:14	6.06	26.80
		03/05/12	12:35	5.39	27.47
		03/05/12	14:18	5.03	27.83
		03/05/12	14:50	5.05	27.81
		06/25/12	12:57	5.47	27.39
		06/25/12	14:07	5.45	27.41
		10/03/12	15:55	7.17	25.69
		12/18/12	13:42	5.22	27.64
		12/18/12	15:24	5.10	27.76
		12/18/12	15:43	5.10	27.76
		03/04/13	14:33	5.41	27.45
		03/04/13	14:52	5.37	27.49
		03/04/13	16:08	5.35	27.51
		03/08/13	12:30	5.35	27.51
		06/06/13	7:35	5.77	27.09
		06/06/13	8:40	5.74	27.12
		09/24/13	12:40	6.53	26.33
		03/25/14	14:28	4.67	28.19
		09/22/14	15:07	6.96	25.90
MW-22	33.18	09/12/06	12:47	7.85	25.33
		04/03/07	10:50	5.55	27.63
		04/03/07	12:20	5.55	27.63
		09/24/07	11:10	7.58	25.60
		05/01/08	10:24	6.07	27.11
		09/29/08	NR	7.26	25.92
		09/29/08	NR	7.24	25.94

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-22	33.18	03/23/09	10:51	5.83	27.35
(continued)		03/23/09	12:40	5.81	27.37
		09/28/09	NR	NM	NM
		03/25/10	10:35	6.07	27.11
		03/25/10	11:55	6.08	27.10
		03/25/10	16:11	6.10	27.08
		03/29/10	8:10	5.96	27.22
		03/29/10	9:10	5.96	27.22
		04/05/10	11:35	6.52	26.66
		05/06/10	8:22	6.55	26.63
		05/06/10	9:00	6.55	26.63
		06/18/10	11:31	5.85	27.33
		06/18/10	12:37	5.75	27.43
		07/06/10	12:00	6.24	26.94
		07/06/10	13:35	6.22	26.96
		07/13/10	14:45	6.35	26.83
		09/27/10	10:25	6.54	26.64
		09/27/10	12:07	6.54	26.64
		02/28/11	14:03	5.26	27.92
		02/28/11	16:23	5.28	27.90
		03/17/11	14:10	5.21	27.97
		04/25/11	8:15	NM	NM
		05/04/11	8:32	5.42	27.76
		05/04/11	9:46	5.42	27.76
		06/22/11	NM	NM	NM
		09/20/11	NM	NM	NM
		12/06/11	11:42	6.46	26.72
		12/06/11	12:43	6.49	26.69
		03/05/12	13:00	5.44	27.74
		03/05/12	14:26	5.47	27.71
		03/05/12	14:50	5.48	27.70
		06/25/12	13:15	5.83	27.35
		06/25/12	14:12	5.85	27.33
		10/03/12	13:10	7.59	25.59
		12/18/12	13:48	5.50	27.68
		12/18/12	15:22	5.50	27.68
		03/04/13	NR	NM	NM
		03/08/13	12:32	5.76	27.42
		06/06/13	7:41	6.14	27.04
		06/06/13	8:41	6.17	27.01
		09/24/13	13:06	6.64	26.54
		03/26/14	11:05	5.12	28.06
		09/22/14	14:53	7.35	25.83
MW-24	32.74	03/25/10	8:39	5.69	27.05
		03/25/10	10:50	5.64	27.10
		03/25/10	16:41	5.68	27.06
		03/29/10	8:17	5.53	27.21
		03/29/10	9:17	5.50	27.24
		04/05/10	11:13	6.26	26.48
		05/06/10	8:31	6.01	26.73
		05/06/10	9:05	6.01	26.73
		06/09/10	10:15	5.21	27.53
		06/18/10	11:36	5.39	27.35
		06/18/10	12:38	5.38	27.36
		07/06/10	11:35	5.70	27.04
		07/06/10	12:02	5.70	27.04
		07/13/10	14:32	5.80	26.94
		09/27/10	10:12	5.99	26.75
		09/27/10	12:10	5.99	26.75
		02/28/11	14:50	4.70	28.04
		02/28/11	16:32	4.70	28.04
		03/17/11	NR	NM	NM
		04/25/11	8:20	4.75	27.99
		04/25/11	10:07	4.61	28.13

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-24	32.74	05/04/11	8:34	4.85	27.89
(continued)		05/04/11	9:49	4.85	27.89
		06/22/11	6:29	5.28	27.46
		06/22/11	9:40	5.26	27.48
		09/20/11	13:22	6.71	26.03
		09/20/11	14:29	6.70	26.04
		12/06/11	11:15	5.90	26.84
		12/06/11	12:16	5.89	26.85
		06/25/12	13:00	5.27	27.47
		06/25/12	14:06	5.27	27.47
		10/03/12	15:55	7.01	25.73
		03/25/14	12:42	4.42	28.32
		09/22/14	15:06	6.81	25.93
MW-25	32.80	03/25/10	8:30	5.69	27.11
		03/25/10	10:55	5.71	27.09
		03/25/10	16:41	5.72	27.08
		03/29/10	8:06	5.56	27.24
		03/29/10	9:05	5.57	27.23
		04/05/10	11:18	6.21	26.59
		05/06/10	8:28	6.12	26.68
		05/06/10	9:01	6.12	26.68
		06/09/10	11:15	5.28	27.52
		06/18/10	11:35	5.45	27.35
		06/18/10	12:40	5.45	27.35
		07/06/10	11:17	5.76	27.04
		07/06/10	13:25	5.78	27.02
		07/13/10	14:22	5.90	26.90
		09/27/10	10:41	6.08	26.72
		09/27/10	12:05	6.08	26.72
		02/28/11	14:25	4.80	28.00
		02/28/11	16:25	4.82	27.98
		03/17/11	14:06	4.75	28.05
		04/25/11	8:11	4.75	28.05
		04/25/11	10:05	4.75	28.05
		05/04/11	8:30	4.97	27.83
		05/04/11	9:45	4.95	27.85
		06/22/11	8:16	5.43	27.37
		06/22/11	9:37	5.40	27.40
		09/20/11	13:18	6.73	26.07
		09/20/11	14:22	6.81	25.99
		12/06/11	11:05	6.05	26.75
		12/06/11	12:07	6.02	26.78
		06/25/12	13:03	5.60	27.20
		06/25/12	14:09	5.39	27.41
		10/03/12	13:20	7.11	25.69
		03/25/14	12:54	4.57	28.23
		09/22/14	15:01	6.86	25.94
P-1	33.85	01/13/99	8:55	6.25	27.60
		03/02/99	9:19	5.42	28.43
		06/16/99	10:15	6.82	27.03
		09/16/99	10:34	7.57	26.28
		12/08/99	8:32	6.49	27.36
		03/07/00	8:41	6.15	27.70
		06/21/00	9:33	6.96	26.89
		09/12/00	10:15	7.91	25.94
		12/07/00	9:15	7.50	26.35
		03/15/01	9:52	6.10	27.75
	33.62	01/02/02	10:55	6.12	27.50
		09/17/02	12:18	7.94	25.68
		12/16/02	11:26	7.28	26.34
		03/17/03	10:35	6.28	27.34
		09/10/03	8:42	8.40	25.22
		12/03/03	10:53	7.03	26.59
		01/12/04	10:35	6.20	27.42

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
P-1	33.62	03/15/04	10:55	6.35	27.27
(continued)		06/10/04	7:50	6.81	26.81
		09/23/04	8:00	7.41	26.21
		04/04/05	13:05	6.30	27.32
		09/20/05	9:05	7.95	25.67
		03/14/06	9:40	5.99	27.63
		06/09/06	13:52	6.37	27.25
		09/12/06	12:00	8.21	25.41
		04/03/07	10:06	5.90	27.72
		04/03/07	11:42	5.90	27.72
		09/24/07	10:30	7.95	25.67
		05/01/08	10:10	6.44	27.18
		09/29/08	NR	7.64	25.98
		03/23/09	9:45	6.19	27.43
		09/28/09	14:12	7.75	25.87
		03/25/10	10:18	6.47	27.15
		03/25/10	11:20	6.47	27.15
		03/29/10	8:20	6.35	27.27
		03/29/10	9:28	6.35	27.27
		04/05/10	11:07	6.89	26.73
		05/06/10	8:10	6.97	26.65
		05/06/10	9:10	6.96	26.66
		07/06/10	12:05	6.60	27.02
		07/06/10	12:25	6.60	27.02
		07/13/10	14:42	6.73	26.89
		09/27/10	9:43	6.92	26.70
		09/27/10	12:20	6.93	26.69
		02/28/11	13:09	5.63	27.99
		02/28/11	16:20	5.64	27.98
		03/17/11	14:18	5.57	28.05
		04/25/11	8:36	5.62	28.00
		04/25/11	10:12	5.65	27.97
		05/04/11	8:51	5.81	27.81
		05/04/11	9:54	5.80	27.82
		06/22/11	8:50	6.24	27.38
		09/20/11	13:40	7.65	25.97
		09/20/11	14:45	7.66	25.96
		12/06/11	11:32	6.92	26.70
		12/06/11	12:33	6.87	26.75
		03/05/12	13:18	5.84	27.78
		03/05/12	14:31	5.85	27.77
		06/25/12	12:30	6.23	27.39
		06/25/12	14:03	6.23	27.39
		10/03/12	15:35	7.97	25.65
		12/18/12	13:32	5.90	27.72
		12/18/12	15:05	5.88	27.74
		03/04/13	15:05	6.18	27.44
		03/04/13	16:13	6.18	27.44
		03/08/13	12:28	6.13	27.49
		06/06/13	7:52	6.53	27.09
		06/06/13	8:52	6.52	27.10
		09/25/13	7:13	7.32	26.30
		03/25/14	12:18	5.47	28.15
		09/22/14	16:25	7.75	25.87
Deep Off-Site Monitoring Well					
MW-20	33.15	07/28/05	10:00	6.92	26.23
		09/20/05	NR	7.74	25.41
		03/14/06	12:00	5.97	27.18
		03/15/06	13:25	6.03	27.12
		06/09/06	15:00	6.28	26.87
		09/12/06	13:05	7.96	25.19
		04/03/07	9:00	5.98	27.17
		04/03/07	12:35	5.94	27.21
		09/24/07	11:30	7.71	25.44
		05/01/08	11:45	6.23	26.92
		09/29/08	NR	7.36	25.79

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
MW-20	33.15	09/29/08	NR	7.36	25.79
(continued)		03/23/09	9:10	6.07	27.08
		03/24/09	15:00	6.05	27.10
		09/28/09	13:05	7.52	25.63
		09/28/09	14:30	7.52	25.63
		03/25/10	9:20	5.90	27.25
		03/25/10	16:30	5.92	27.23
		03/29/10	7:12	5.75	27.40
		03/29/10	9:00	5.74	27.41
		04/05/10	12:34	6.05	27.10
		05/06/10	7:30	6.60	26.55
		05/06/10	9:40	6.61	26.54
		06/18/10	10:50	5.77	27.38
		06/18/10	13:00	5.77	27.38
		07/06/10	10:30	6.29	26.86
		07/06/10	13:50	6.30	26.85
		07/13/10	15:05	6.45	26.70
		09/27/10	11:40	6.60	26.55
		09/27/10	12:45	6.60	26.55
		02/28/11	15:50	5.44	27.71
		02/28/11	16:55	5.45	27.70
		03/17/11	14:50	5.48	27.67
		04/25/11	9:50	5.45	27.70
		04/25/11	11:20	5.37	27.78
		05/04/11	9:29	5.56	27.59
		05/04/11	10:30	5.56	27.59
		06/22/11	7:56	6.05	27.10
		06/22/11	9:23	6.03	27.12
		09/20/11	12:40	7.30	25.85
		09/20/11	14:42	7.32	25.83
		12/06/11	10:50	6.65	26.50
		12/06/11	12:45	6.61	26.54
		03/05/12	13:26	5.62	27.53
		03/05/12	15:32	5.65	27.50
		06/25/12	13:20	6.06	27.09
		06/25/12	14:50	6.00	27.15
		09/27/12	7:57	7.62	25.53
		10/01/12	NR	7.67	25.48
		10/03/12	17:00	7.49	25.66
		12/18/12	11:00	5.70	27.45
		12/18/12	16:37	5.71	27.44
		03/04/13	13:45	5.99	27.16
		03/04/13	16:45	5.97	27.18
		03/08/13	9:15	5.92	27.23
		06/06/13	9:20	6.30	26.85
		06/06/13	17:00	6.31	26.84
		09/24/13	11:44	7.00	26.15
		03/25/14	14:24	5.37	27.78
		09/22/14	16:59	7.46	25.69
MW-27	32.98	09/22/14	16:56	7.37	25.61
MW-28	34.63	09/22/14	13:29	9.02	25.61
Deep On-Site Injection Wells					
IW-101	32.77	03/25/10	8:38	5.73	27.04
		03/25/10	10:52	5.70	27.07
		03/25/10	16:40	5.70	27.07
		03/29/10	8:16	5.56	27.21
		03/29/10	9:18	5.55	27.22
		04/05/10	11:12	6.29	26.48
		05/06/10	8:30	6.12	26.65
		05/06/10	9:05	6.10	26.67
		06/18/10	11:37	5.55	27.22
		06/18/10	12:40	5.45	27.32
		07/06/10	11:35	5.62	27.15
		07/06/10	12:01	5.70	27.07

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
IW-101	32.77	07/13/10	14:30	5.84	26.93
(continued)		09/27/10	10:11	6.01	26.76
		09/27/10	12:10	6.01	26.76
		02/28/11	14:43	4.81	27.96
		02/28/11	16:34	4.73	28.04
		10/03/12	15:55	7.05	25.72
IW-102	32.68	03/25/10	8:23	5.55	27.13
		03/25/10	10:57	5.59	27.09
		03/25/10	16:04	5.60	27.08
		03/29/10	8:08	5.45	27.23
		03/29/10	9:07	5.43	27.25
		04/05/10	11:15	6.10	26.58
		05/06/10	8:29	6.00	26.68
		05/06/10	9:02	6.02	26.66
		06/18/10	11:37	5.44	27.24
		06/18/10	12:40	5.33	27.35
		07/06/10	11:37	5.62	27.06
		07/06/10	13:27	5.62	27.06
		07/13/10	14:20	5.75	26.93
		09/27/10	10:39	5.90	26.78
		09/27/10	12:06	5.90	26.78
		02/28/11	14:30	4.78	27.90
		02/28/11	16:28	4.68	28.00
		10/03/12	13:20	7.00	25.68
IW-103	32.45	10/03/12	15:40	6.73	25.72
		12/18/12	14:30	4.70	27.75
		12/18/12	16:20	4.74	27.71
IW-104	36.32	10/03/12	13:32	10.69	25.63
IW-105	35.96	12/18/12	14:32	8.25	27.71
IW-105	35.96	12/18/12	16:20	8.27	27.69
IW-106	32.51	10/03/12	15:40	6.82	25.69
IW-107	32.36	10/03/12	NR	NM	NM
IW-108	32.34	10/03/12	16:10	6.60	25.74
IW-109	36.30	10/03/12	13:40	10.65	25.65
		12/18/12	14:34	8.59	27.71
		12/18/12	16:18	8.60	27.70
IW-110	35.98	10/03/12	13:32	10.42	25.56
IW-111	32.47	10/03/12	15:55	6.84	25.63
IW-112	32.64	10/03/12	15:40	7.04	25.60
		12/18/12	14:41	4.97	27.67
		12/18/12	16:27	4.98	27.66
IW-113	36.72	10/03/12	13:40	11.09	25.63
IW-114	32.83	10/03/12	16:10	7.22	25.61
IW-115	32.65	10/03/12	16:10	7.07	25.58
IW-116	36.93	10/03/12	13:50	11.32	25.61
IW-117	32.91	10/03/12	16:10	7.31	25.60
IW-118	33.03	10/03/12	16:10	7.40	25.63
IW-119	36.77	10/03/12	13:50	11.05	25.72
IW-120	36.69	10/03/12	14:05	11.16	25.53
		12/18/12	14:36	9.05	27.64
		12/18/12	16:16	9.07	27.62
IW-121	33.43	10/03/12	16:10	7.87	25.56
		12/18/12	14:40	5.80	27.63
		12/18/12	16:25	5.78	27.65

Table A-1
Historical Groundwater Elevation Data
Univar USA Inc., Kent, Washington

Location	Measuring Point Elevation	Date	Time	Depth to Water	Water Elevation
IW-122	33.03	10/03/12	16:10	7.42	25.61
IW-123	32.77	10/03/12	NR	NM	NM
IW-124	32.62	10/03/12	NR	NM	NM
IW-125	32.52	10/03/12	NR	NM	NM
IW-126	32.72	10/03/12	16:30	7.18	25.54
IW-127	35.46	10/03/12	15:55	9.95	25.51
IW-128	33.93	10/03/12	15:55	8.38	25.55
IW-129	32.69	10/03/12	16:30	7.07	25.62
		12/18/12	14:39	5.01	27.68
		12/18/12	16:11	5.01	27.68
IW-130	32.61	10/03/12	16:30	7.27	25.34
IW-131	32.49	10/03/12	16:30	6.94	25.55
IW-132	36.74	10/03/12	14:05	11.20	25.54
IW-133	36.89	10/03/12	14:05	11.35	25.54
IW-134	37.04	10/03/12	13:20	11.50	25.54
IW-135	33.02	10/03/12	15:55	7.46	25.56
		12/18/12	14:38	5.40	27.62
		12/18/12	16:12	5.38	27.64
IW-136	32.90	10/03/12	15:55	7.15	25.75
IW-137	32.79	10/03/12	NR	NM	NM
IW-138	32.58	10/03/12	16:30	7.09	25.49
		12/18/12	14:40	5.00	27.58
		12/18/12	16:10	5.00	27.58
IW-139	36.79	10/03/12	13:29	11.27	25.52
		12/18/12	14:38	9.21	27.58
		12/18/12	16:15	9.21	27.58
IW-140	33.00	10/03/12	13:12	7.44	25.56
IW-141	33.04	10/03/12	16:30	7.47	25.57
Barrel Wash Sump					
Sump Wash	34.17	09/04/96	NR	6.50	27.67
		10/11/96	10:55	6.11	28.06
		11/06/96	NR	6.57	27.60
		12/10/96	11:00	5.54	28.63
Sump Wash (continued)	34.17	01/10/97	NR	5.84	28.33
		02/21/97	12:50	4.48	29.69
		03/04/97	NR	6.36	27.81
		06/27/97	11:00	5.42	28.75
		09/04/97	11:07	4.46	29.71
		12/22/97	NR	4.00	30.17
		03/06/98	10:06	5.17	29.00
		06/16/99	10:35	4.98	29.19
		12/08/99	8:40	3.66	30.51
		03/07/00	8:55	5.17	29.00
		06/21/00	10:09	5.03	29.14
		09/12/00	10:00	5.60	28.57
		12/07/00	8:48	dry	dry
		03/15/01	9:20	5.20	28.97

NOTE: Depth = depth to water relative to the top of PVC.
Elev. = elevation relative to NAVD 88.
* = anomalous field reading; measurement not used for contouring.
NM = not measured.
NR = not recorded.

APPENDIX B

HISTORICAL FIELD PARAMETERS AND GROUNDWATER ANALYTICAL DATA

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-1	04/17/95	6.37	2,310	11.0	NM	NM	NM
	09/04/96	6.49	1,620	18.5	227.0	1.20	NM
	12/10/96	6.37	1,653	9.8	427.0	1.18	NM
	03/04/97	6.65	1,359	11.0	37.1	1.70	NM
	06/27/97	6.62	1,195	15.0	> 1,000	1.00	NM
	09/04/97	6.78	837	18.0	40.0	1.71	NM
	12/04/97	6.23	1,076	12.0	16.2	8.85	NM
	03/06/98	6.83	1,284	10.0	16.0	2.15	NM
	06/18/98	6.85	1,045	15.5	60.7	2.60	NM
	09/29/98	6.58	851	18.5	45.8	1.27	NM
	12/14/98	6.50	973	13.1	16.4	1.14	-147
	03/03/99	6.70	849	10.0	55.0	3.02	-148
	06/17/99	6.51	790	14.0	6.7	1.30	-176
	09/16/99	6.60	905	17.0	14.1	0.10	-189
	12/08/99	7.12	408	12.9	9.8	0.30	-158
	03/07/00	7.51	599	10.0	5.9	0.20	-126
	06/21/00	7.10	505	16.0	4.6	1.20	7
	09/12/00	6.80	790	14.5	NM	2.60	-69
	12/07/00	7.04	830	12.0	6.9	1.10	-60
	03/15/01	7.06	999	10.0	4.9	2.00	-48
	07/12/01	7.03	925	15.6	7.8	2.65	-141
	09/24/01	6.54	NM	20.2	4.3	1.08	NM
	01/02/02	7.19	1,150	11.8	NM	NM	NM
	03/28/02	7.26	351	10.2	NM	0.20	NM
	06/11/02	7.34	613	15.2	NM	0.22	NM
	09/18/02	6.93	771	18.6	NM	0.04	-200
	12/17/02	7.01	601	12.6	3.5	0.19	NM
	03/20/03	7.19	517	10.9	5.8	0.13	-111
	05/14/03	7.00	493	12.9	NM	0.74	-75
	06/11/03	7.02	405	15.0	8.0	0.23	NM
	09/11/03	7.03	474	18.7	4.0	0.21	NM
	12/04/03	7.00	451	13.7	4.2	0.23	-51
	03/16/04	6.71	391	11.0	4.6	0.32	-63
	09/22/04	6.49	500	16.0	NM	0.21	4
	04/05/05	6.75	465	12.3	NM	1.10	5
	09/21/05	7.26	624	17.8	NM	0.26	5
	03/15/06	6.88	550	11.0	18.8	< 0.01	NM
	09/14/06	6.82	630	16.8	NM	0.22	56
	04/04/07	7.16	737	11.6	5.7	< 0.01	-64

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-1	09/25/07	6.80	687	15.7	6.2	0.18	-240
(continued)	05/02/08	6.87	883	12.3	NM	0.19	-66
	09/30/08	6.93	843	16.2	NM	7.57[a]	-101
	03/25/09	7.11	843	9.4	NM	0.30	-45
	09/30/09	6.96	346	18.1	NM	0.08	3
	03/29/10	6.97	842	11.4	NM	0.30	-8
	09/30/10	7.26	937	17.2	NM	0.24	-10
	03/03/11	7.49	510	9.2	7.0	0.23	-13
	09/23/11	6.61	523	18.0	3.0	0.10	-106
	03/08/12	6.99	494	8.2	7.9	0.22	-44
	10/01/12	6.56	507	15.5	5.7	0.22	349[a]
	03/06/13	6.84	820	9.6	14.5	0.20	-7
	09/24/13	6.78	496	18.5	55.3	0.20	-84
	03/26/14	7.21	991	10.5	1.2	0.00	-129
	09/23/14	6.49	698	19.7	2.3	0.55	-126
MW-2	04/17/95	6.30	1,000	13.0	NM	NM	NM
	09/04/96	6.11	964	14.8	8.5	1.00	NM
	12/10/96	6.27	704	13.1	1000.0	0.92	NM
	03/04/97	6.20	754	13.0	9.4	1.77	NM
	06/27/97	6.54	667	14.0	322.0	3.00	NM
	09/04/97	6.41	638	15.0	332.0	1.17	NM
	12/04/97	5.25	612	14.0	74.4	1.80	NM
	03/06/98	6.48	826	12.0	66.9	1.12	NM
	06/18/98	6.60	899	14.0	334.0	3.50	NM
	09/29/98	6.35	705	17.0	16.6	16.6[a]	NM
	12/14/98	6.20	632	15.1	NM	1.14	-84
	03/02/99	6.29	560	12.0	59.4	1.30	-91.9
	06/16/99	6.02	663	13.0	NM	0.90	-76
	09/16/99	6.39	734	13.0	11.5	< 0.1	-475
	12/08/99	6.74	421	14.8	15.5	1.30	-121
	03/07/00	6.40	491	12.0	18.9	0.40	-70
	06/21/00	6.55	320	15.0	6.1	1.51	8
	09/12/00	6.10	667	13.0	10.9	3.90	-57
	12/07/00	6.21	574	13.0	6.1	1.90	-18
	03/15/01	6.60	556	12.0	39.0	0.60	-49
	07/12/01	6.53	652	15.1	76.7	2.54	-116
	09/24/01	6.69	NM	19.5	5.0	1.10	NM
	01/03/02	5.81	531	13.7	12.3	0.00	NM
	03/28/02	6.28	229	12.6	6.2	0.63	NM
	06/11/02	6.72	526	14.2	7.1	0.43	NM

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-2	09/18/02	6.63	597	17.9	NM	0.08	-11
(continued)	12/16/02	6.04	480	15.2	5.1	0.34	NM
	03/20/03	6.63	413	12.5	28.9	0.12	-57
	06/11/03	6.59	306	13.9	10.2	0.31	NM
	09/10/03	6.33	416	15.9	4.2	0.34	NM
	12/05/03	6.58	293	14.3	5.3	0.31	-20
	03/16/04	6.54	306	12.8	25.4	0.30	-23
	09/24/04	6.46	376	17.0	NM	0.37	30
	04/05/05	6.39	438	12.5	NM	1.04	24
	09/21/05	6.71	512	17.1	NM	0.26	-3
	03/15/06	6.57	403	12.4	52.8	< 0.01	NM
	09/13/06	6.33	472	15.5	NM	0.15	68
	04/03/07	6.64	421	13.9	64.8	0.11	116
	09/26/07	6.44	608	15.8	42.3	0.21	-178
	05/02/08	6.29	567	12.2	NM	0.25	-23
	09/29/08	6.43	607	19.6	NM	0.20	-121
	03/26/09	5.99	543	9.6	NM	0.31	-9
	09/29/09	6.44	55[a]	15.6	NM	8.1[a]	32
	03/26/10	6.49	390	12.6	NM	0.82	7
	09/30/10	6.68	556	16.4	NM	0.28	27
	03/08/11	6.87	441	12.7	85.0	0.17	8
	09/21/11	6.30	443	18.0	9.8	0.09	-91
	03/06/12	6.56	396	11.2	NM	0.67	-65
	09/28/12	6.45	382	17.2	NM	0.29	342[a]
	03/07/13	6.48	480	12.4	NM	0.15	20
	09/24/13	6.63	349	16.8	90.7	0.20	-50
	03/26/14	6.99	495	13.8	7.2	0.00	-106
	09/24/14	6.32	547	17.4	4.3	0.00	-119
MW-3	04/17/95	6.40	1,580	12.0	NM	NM	NM
	09/04/96	6.33	1,357	14.9	5.1	1.60	NM
	12/11/96	6.48	979	12.4	14.7	1.00	NM
	03/04/97	6.44	1,152	13.0	9.4	1.69	NM
	06/27/97	6.64	937	13.0	423.0	1.00	NM
	09/04/97	6.47	765	15.0	132.0	1.81	NM
	12/04/97	6.20	844	13.5	7.5	1.29	NM
	03/06/98	6.53	1,255	12.0	3.4	1.90	NM
	06/18/98	6.55	1,225	13.0	5.3	0.90	NM
	09/29/98	6.41	947	14.0	7.9	1.22	NM
	12/14/98	6.25	1,054	13.5	0.9	1.14	-79

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-3	03/03/99	6.45	765	12.0	4.7	NM	-105
(continued)	06/16/99	6.31	837	12.0	NM	1.00	-120
	09/17/99	6.48	964	14.0	4.2	0.10	-129
	12/08/99	6.80	137	13.5	6.7	1.50	-63
	03/07/00	6.62	766	12.0	8.0	0.80	-75
	06/21/00	6.92	452	14.0	7.5	1.25	-81
	09/12/00	6.70	836	10.7	NM	1.40	-36
	12/07/00	6.09	732	12.0	2.7	1.80	-62
	03/15/01	6.80	809	11.0	7.5	0.90	NM
	07/12/01	6.63	746	13.1	8.2	1.36	-42
	09/24/01	6.49	NM	16.9	11.8	0.16	NM
	01/03/02	6.52	955	13.1	2.0	0.00	NM
	03/28/02	6.74	330	12.3	5.8	0.19	NM
	06/11/02	6.89	786	12.8	14.3	0.38	NM
	09/17/02	6.80	773	15.2	NM	0.10	-135
	12/17/02	6.44	821	13.0	7.5	0.40	NM
	03/20/03	6.85	521	12.1	3.3	0.12	-73
	06/11/03	7.17	411	13.8	3.6	0.24	NM
	09/11/03	6.72	395	16.1	2.5	0.24	NM
	12/04/03	6.69	388	13.2	2.2	0.68	94
	03/15/04	6.61	425	12.3	2.1	0.32	-81
	09/24/04	6.56	448	15.6	NM	NM	2
	04/05/05	6.95	726	13.0	NM	0.33	-4
	09/21/05	7.11	560	15.6	NM	0.42	-6
	03/14/06	7.14	519	11.9	1.0	< 0.01	NM
	09/12/06	6.50	606	15.8	NM	0.19	-21
	04/04/07	6.40	515	12.1	13.3	0.06	-1
	09/25/07	6.43	540	14.2	6.8	0.40	-183
	05/01/08	6.63	688	11.9	NM	0.17	-74
	10/01/08	6.77	662	17.2	NM	0.04	-118
	03/24/09	6.64	727	11.3	NM	0.26	-81
	09/29/09	6.82	220	17.0	NM	0.37	10
	03/30/10	6.85	601	11.6	NM	0.99	-5
	09/28/10	6.98	647	15.6	NM	0.28	8
	03/07/11	7.33	426	12.1	2.0	0.20	32
	09/21/11	6.71	556	16.3	1.4	0.03	-127
	03/06/12	6.97	497	10.7	NM	0.11	-1
	10/01/12	6.81	519	16.2	NM	0.20	308[a]
	03/07/13	6.87	662	11.7	NM	0.19	102

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Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-3	09/24/13	7.03	404	13.6	57.2	0.40	-97
(continued)	03/27/14	7.29	616	12.4	0.0	0.00	-154
	09/25/14	6.82	681	15.1	14.6	0.00	-135
MW-4	09/04/96	6.29	1,452	17.9	98.5	1.50	NM
	12/10/96	6.29	1,690	11.9	427.0	0.83	NM
	03/04/97	6.75	1,868	10.0	2.6	2.82	NM
	06/27/97	6.78	1,431	11.0	55.0	1.00	NM
	09/04/97	6.82	1,120	19.0	51.0	1.40	NM
	12/04/97	6.33	1,578	13.0	6.5	1.80	NM
	03/06/98	6.88	1,847	10.0	3.6	1.92	NM
	06/18/98	6.79	1,862	15.0	4.5	2.20	NM
	09/29/98	6.63	1,288	18.0	10.8	1.26	NM
	12/14/98	6.18	1,560	13.9	2.6	1.16	-150
	03/03/99	6.69	1,288	9.0	9.6	NM	155
	06/17/99	6.69	NM	13.0	1.9	0.10	-186
	09/17/99	6.57	1,623	17.0	2.5	1.90	-178
	12/08/99	6.94	394	13.6	4.3	0.50	-109
	03/07/00	6.92	1,344	12.0	5.8	1.10	-68
	06/21/00	6.90	992	15.0	2.4	1.29	-67
	09/12/00	6.58	1,450	14.0	1.6	2.20	-86
	12/07/00	6.60	1,210	13.0	3.6	2.40	15
	03/15/01	6.60	1,361	10.0	5.2	1.50	-24
	07/12/01	6.70	1,594	15.2	6.2	2.73	-108
	09/25/01	6.17	NM	17.7	47.9	1.04	NM
	01/02/02	6.73	1,840	11.9	74.0	NM	NM
	03/28/02	6.95	655	10.5	24.7	0.39	NM
	06/11/02	6.97	817	13.3	NM	0.17	NM
	09/18/02	6.81	1,452	18.1	NM	0.04	-106
	12/17/02	6.54	1,011	12.4	2.7	0.34	NM
	03/20/03	6.74	877	10.8	3.6	0.07	-78
	05/14/03	6.70	864	12.2	NM	0.74	-45
	06/11/03	6.89	776	13.9	4.0	0.21	NM
	09/11/03	6.60	756	17.1	3.7	0.25	NM
	12/04/03	6.68	437	13.1	4.2	0.22	-52
	03/15/04	6.60	518	10.6	1.9	0.46	-58
	09/24/04	6.45	596	15.4	NM	0.62	36
	04/04/05	6.71	945	11.6	NM	1.20	58
	09/21/05	6.56	881	17.5	NM	0.71	-1
	03/15/06	6.82	907	10.1	8.3	0.01	NM

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-4	09/14/06	6.49	907	15.5	NM	0.33	98
(continued)	04/04/07	6.85	891	11.2	5.9	< 0.01	-68
	09/26/07	6.51	992	16.7	4.2	< 0.01	-210
	05/02/08	6.46	1,076	11.1	NM	0.19	-39
	10/01/08	6.48	1,073	15.8	NM	0.26	-68
	03/25/09	6.81	1,256	9.5	NM	0.30	-45
	09/30/09	6.59	369	17.9	NM	0.11	24
	03/29/10	6.71	1,094	9.9	NM	0.58	-8
	10/01/10	6.89	1,054	16.7	NM	0.55	10
	03/04/11	7.48	906	9.4	7.0	0.17	-8
	09/23/11	6.46	1,091	22.1	1.6	0.15	-64
	03/08/12	6.67	1,100	9.6	NM	0.36	-16
	10/01/12	6.56	1,109	16.8	NM	0.18	355[a]
	03/06/13	6.73	1,436	9.7	4.3	0.22	24
	09/24/13	6.82	823	17.8	63.8	0.00	-63
	03/25/14	7.26	1510	13.9	0.0	0.00	-141
	09/23/14	6.49	1210	19.2	0.5	0.00	-107
MW-5	09/04/96	6.23	422	15.9	21.7	2.10	NM
	12/10/96	6.15	463	12.7	984.0	1.53	NM
	03/04/97	6.22	506	13.0	8.9	2.48	NM
	06/27/97	6.46	329	15.0	245.0	2.00	NM
	09/04/97	6.79	285	16.0	51.0	1.39	NM
	12/04/97	5.90	367	13.0	3.6	1.35	NM
	03/06/98	6.38	425	12.0	4.9	1.97	NM
	06/18/98	6.36	439	14.0	8.5	2.20	NM
	09/29/98	6.29	326	17.0	8.7	1.54	NM
	12/15/98	5.94	394	14.8	3.6	1.72	111
	03/02/99	5.87	301	12.0	8.9	1.47	237
	06/16/99	5.99	375	12.0	< 10	0.20	161
	09/16/99	6.19	449	14.0	2.9	0.40	-159
	12/08/99	6.59	238	14.9	5.1	0.20	72
	03/07/00	6.34	278	12.0	7.9	1.10	67
	06/21/00	6.45	185	14.0	1.6	1.68	-8
	09/12/00	7.24	349	12.4	1.9	1.20	-18
	12/07/00	6.15	314	13.0	14.4	2.30	-45
	03/15/01	6.55	371	11.0	9.1	3.50	-61
	07/09/01	6.32	352	14.2	4.6	1.01	111
	09/24/01	6.16	256	18.1	63.7	6.17	NM
	01/02/02	6.09	468	15.3	NM	NM	NM

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-5	03/27/02	6.51	5,000	9.7	5.1	3.84	NM
(continued)	06/11/02	6.29	439	13.9	2.4	1.05	NM
	09/18/02	6.28	429	15.6	NM	0.25	-4
	12/16/02	6.18	341	14.2	2.7	0.48	NM
	03/17/03	6.29	350	13.4	3.4	0.36	79
	05/14/03	6.42	286	12.3	NM	0.69	34
	06/10/03	6.35	218	13.8	11.6	0.30	NM
	09/11/03	6.32	267	16.5	1.4	0.37	NM
	12/05/03	6.40	219	13.8	7.1	0.34	281
	03/16/04	6.40	219	12.7	7.1	0.77	73
	09/22/04	6.27	337	13.9	NM	0.66	60
	04/04/05	6.41	290	13.1	NM	1.55	100
	09/20/05	6.59	324	18.5	NM	0.36	11
	03/14/06	6.45	312	12.4	12.1	0.61	NM
	09/13/06	6.34	296	15.7	NM	0.32	124
	04/05/07	6.47	327	12.2	7.7	0.73	128
	09/26/07	6.22	351	15.1	6.2	0.58	92
	05/01/08	6.10	436	12.9	NM	0.84	74
	09/30/08	6.17	397	15.7	NM	0.33	116
	03/25/09	6.29	463	10.6	NM	0.57	106
	09/29/09	6.36	127	16.5	NM	1.73	37
	04/01/10	6.39	287	12.5	16.0	0.49	27
	04/09/10	NM	340	NM	3.0	NM	NM
	04/16/10	6.38	342	13.4	8.0	0.70	26
	05/06/10	6.52	297	12.7	6.0	2.35	23
	06/09/10	6.44	283	14.1	14.0	1.61	24
	09/28/10	6.55	262	18.4	NM	1.06	26
	03/03/11	6.76	203	11.6	6.0	0.55	12
	06/22/11	6.36	200	17.0	14.5	0.11	-7
	09/22/11	6.19	226	17.3	5.1	0.38	63
	10/21/11	6.11	267	15.8	9.0	0.41	34
	12/07/11	6.36	207	14.0	NM	0.15	73
	03/07/12	6.39	216	12.3	NM	0.29	53
	06/26/12	6.35	233	17.1	4.2	0.19	29
	09/27/12	6.14	266	18.5	0.8	0.25	346[a]
	12/19/12	6.17	362	13.0	23.0	0.34	-29
	03/06/13	6.25	360	11.2	4.4	0.18	76
	06/06/13	6.63	379	17.9	17.0	0.63	23
	09/24/13	6.45	302	14.8	54.6	0.03	20
	03/25/14	5.81	404	14.7	0.0	0.00	-141

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-5 (continued)	09/23/14	6.14	380	16.6	2.1	0.00	-49
MW-6	09/04/96	6.30	1,930	14.5	23.0	4.80	NM
	12/10/96	6.17	1,909	12.0	> 1,000	1.02	NM
	03/04/97	6.32	1,683	11.0	6.1	3.44	NM
	06/27/97	6.41	1,469	14.0	73.0	1.00	NM
	09/04/97	6.30	1,157	15.0	98.0	1.15	NM
	12/04/97	5.92	1,286	14.0	5.7	1.05	NM
	03/06/98	6.33	1,620	11.0	5.7	1.10	NM
	06/18/98	6.33	1,804	14.0	7.0	1.80	NM
	09/29/98	6.25	1,440	17.5	7.9	1.91	NM
	12/15/98	5.93	1,390	14.4	NM	1.26	-89
	03/02/99	6.03	1,107	11.0	7.7	1.38	-85
	06/16/99	6.15	1,441	12.0	< 10	< 0.1	-117
	09/16/99	6.27	1,621	13.0	9.1	0.60	-476
	12/08/99	6.63	315	13.7	3.7	0.70	-91
	03/07/00	6.36	1,147	11.0	5.5	0.60	-54
	06/21/00	6.66	810	14.0	1.0	1.75	-37
	09/12/00	6.50	1,378	12.0	NM	2.30	-43
	12/07/00	5.79	1,270	14.0	3.6	1.60	-15
	03/15/01	6.35	1,079	11.0	16.1	0.40	-31
	07/12/01	6.39	1,210	14.1	7.6	1.07	-44
	09/25/01	6.63	NM	16.4	18.9	1.02	NM
	01/03/02	6.19	1,120	12.9	1.5	0.00	NM
	03/27/02	6.32	NM	9.0	NM	0.45	NM
	06/11/02	6.78	891	13.5	NM	0.34	NM
	09/18/02	6.49	1,312	16.7	NM	0.16	-157
	12/16/02	6.25	1,179	14.2	8.8	0.24	NM
	03/20/03	6.53	721	12.1	5.3	0.17	-70
	06/11/03	6.74	387	14.1	21.3	0.33	NM
	09/10/03	6.44	601	16.9	4.2	0.31	NM
	12/04/03	6.60	393	14.3	6.2	0.26	-12
	03/16/04	6.75	286	12.9	6.9	0.25	-37
	09/23/04	6.36	635	16.3	NM	0.55	13
	04/05/05	6.61	541	13.3	NM	0.61	-17
	09/21/05	6.47	1,045	15.4	NM	0.66	40
	03/14/06	6.70	445	12.7	12.6	< 0.01	NM
	09/13/06	6.39	868	15.4	NM	0.25	64
	04/05/07	6.50	377	12.6	19.0	0.07	23

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-6	09/26/07	6.39	1,010	15.0	12.2	0.06	-190
(continued)	05/02/08	6.39	578	11.9	NM	0.19	-26
	09/30/08	6.26	1,011	14.9	NM	0.14	-85
	03/26/09	6.84	573	11.9	NM	0.41	6
	09/29/09	6.30	99[a]	14.3	NM	6.9[a]	39
	03/30/10	6.53	533	11.5	NM	0.61	14
	09/30/10	6.55	936	15.9	NM	0.35	30
	03/04/11	6.84	331	10.6	4.0	0.21	11
	09/21/11	6.23	723	17.9	3.9	0.13	-68
	03/06/12	6.53	341	10.5	NM	0.25	-12
	09/28/12	6.21	717	15.3	NM	0.27	315[a]
	03/07/13	6.49	511	11.1	NM	0.21	76
	09/24/13	6.50	634	14.3	106.0	0.00	-52
	03/26/14	6.70	420	13.1	7.3	0.00	-60
	09/24/14	6.18	887	15.7	3.2	0.00	-94
MW-7	12/22/97	6.56	550	11.0	139.0	2.15	NM
	03/06/98	6.63	536	12.0	13.4	1.53	NM
	06/18/98	6.36	543	14.0	13.0	2.40	NM
	09/29/98	6.38	438	17.0	20.5	1.41	NM
	12/14/98	5.98	409	15.2	3.2	1.23	68
	03/03/99	7.07	288	12.0	5.5	NM	-8.4
	06/17/99	6.07	462	13.0	NM	0.80	1
	09/17/99	6.13	506	16.0	11.4	< 0.1	-72
	12/08/99	6.71	342	15.3	7.6	1.30	-2
	03/07/00	6.44	362	12.0	6.7	0.80	-11
	06/21/00	6.57	241	14.0	0.7	2.04	24
	09/12/00	6.00	493	13.0	12.6	1.40	5
	12/07/00	6.46	505	14.0	31.0	2.60	-39
	03/15/01	6.58	425	12.0	20.2	1.50	NM
	07/12/01	6.45	493	14.1	10.5	1.87	54
	09/25/01	6.48	NM	15.6	2.8	1.12	NM
	01/03/02	6.17	628	13.9	4.1	0.00	NM
	03/28/02	6.37	184	12.3	4.7	2.61	NM
	06/11/02	6.66	383	13.2	5.7	0.70	NM
	09/17/02	6.56	427	16.0	NM	0.15	4
	12/17/02	6.46	351	13.2	2.4	0.32	NM
	03/17/03	6.49	436	13.3	19.7	0.13	27
	06/10/03	6.88	282	13.8	52.1	0.18	NM
	09/10/03	6.27	257	16.0	3.0	0.49	NM
	12/04/03	6.68	239	13.4	4.7	0.29	159

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-7	03/16/04	6.62	268	13.9	7.3	0.84	34
(continued)	09/22/04	7.00	469	16.0	NM	0.21	103
	04/04/05	6.71	388	13.0	NM	0.86	40
	09/20/05	6.75	404	18.3	NM	0.68	-11
	03/14/06	7.11	312	12.5	3.7	2.78	NM
	09/13/06	6.33	345	16.0	NM	0.26	115
	04/03/07	6.56	220	12.6	15.2	5.06	222
	09/25/07	6.43	313	17.1	8.7	0.59	44
	05/01/08	6.30	337	13.4	NM	1.40	41
	10/01/08	6.41	389	17.3	NM	0.13	30
	03/24/09	6.12	450	11.3	NM	0.97	94
	09/29/09	6.51	141	15.9	NM	1.83	28
	04/01/10	6.81	255	12.4	NM	1.48	6
	09/28/10	6.71	318	17.4	NM	0.27	17
	03/02/11	6.48	235	11.4	10.0	5.72	3
	06/22/11	6.33	193	19.0	38.1	0.33	109
	09/22/11	6.33	248	16.6	1.9	0.19	158
	10/20/11	6.28	389	16.1	13.0	0.30	88
	12/07/11	6.55	273	13.4	NM	0.57	139
	03/07/12	6.54	200	12.3	NM	1.31	95
	06/26/12	6.47	196	16.1	5.7	0.18	43
	07/12/12	6.54	197	15.8	NM	0.23	-22
	09/27/12	6.26	245	18.2	1.8	0.30	383[a]
	12/19/12	6.42	641	13.0	7.0	0.46	8
	03/05/13	6.32	374	12.6	16.6	0.17	19
	06/06/13	6.74	328	16.7	9.3	0.24	81
	09/24/13	5.97	427	17.7	0.0	0.00	45
	03/26/14	6.48	340	14.2	0.0	0.00	132
	09/25/14	6.36	402	17.5	0.0	0.00	116
MW-8	12/22/97	6.37	495	12.0	66.5	4.06	NM
	03/06/98	6.49	758	12.0	70.1	2.72	NM
	06/18/98	6.66	662	13.0	243.0	2.80	NM
	09/29/98	6.33	428	14.5	48.3	1.70	NM
	12/14/98	6.11	413	13.9	13.8	1.83	72
	03/02/99	6.10	442	12.0	90.5	2.11	117
	06/16/99	5.95	534	11.0	< 10	0.10	132
	09/16/99	6.22	588	13.0	10.5	1.80	-205
	12/08/99	6.50	140	13.9	133.0	2.40	55
	03/07/00	6.90	455	12.0	25.3	1.50	38
	06/21/00	6.30	313	14.0	1.2	1.73	37

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-8	09/12/00	6.52	447	11.6	2.6	3.50	52
(continued)	12/07/00	6.99	387	14.0	6.5	1.80	-10
	03/15/01	6.45	433	11.0	8.3	2.70	-50
	07/12/01	6.30	427	13.8	5.0	2.03	53
	09/25/01	6.48	NM	14.4	22.0	1.02	NM
	01/03/02	5.64	468	13.4	2.8	0.00	NM
	03/27/02	6.31	NM	8.9	5.1	1.95	NM
	06/11/02	6.41	576	12.9	6.4	0.40	NM
	09/18/02	6.32	415	15.0	NM	0.15	-88
	12/16/02	6.23	294	13.6	11.6	0.35	NM
	03/17/03	6.31	279	12.4	2.4	0.28	87
	05/14/03	6.36	338	13.6	NM	0.83	35
	06/11/03	6.54	249	13.4	3.5	0.54	NM
	09/10/03	6.12	249	15.5	1.3	0.70	NM
	12/04/03	6.62	165	13.5	4.7	0.17	153
	03/16/04	6.48	292	12.6	6.1	0.72	47
	09/24/04	6.60	309	16.0	NM	0.18	66
	04/05/05	6.48	385	12.9	NM	1.31	-1
	09/20/05	6.52	349	18.1	NM	0.53	31
	03/15/06	6.60	433	12.0	26.5	0.42	NM
	09/13/06	6.41	411	14.9	NM	0.25	52
	04/05/07	6.32	690	12.4	6.7	0.44	176
	09/26/07	6.30	506	14.7	10.3	0.50	-1
	05/01/08	6.07	812	12.8	NM	1.14	94
	09/30/08	6.25	584	15.2	NM	0.18	60
	03/26/09	6.70	906	12.3	NM	0.96	90
	09/29/09	6.27	135	15.3	NM	7.6[a]	40
	04/01/10	6.29	949	11.9	NM	0.79	29
	09/28/10	6.44	1,217	18.1	NM	0.28	32
	03/04/11	6.81	1,317	11.0	2.0	0.50	13
	09/26/11	6.15	1,137	14.4	0.3	0.32	270
	03/06/12	6.55	1,106	11.6	NM	0.50	14
	09/28/12	6.27	1,101	17.1	NM	0.32	305[a]
	03/08/13	6.45	1,271	12.3	NM	0.23	136
	09/24/13	6.43	854	15.9	57.0	0.69	57
	03/26/14	6.76	994	13.4	5.0	0.00	109
	09/23/14	6.27	1120	16.9	1.5	0.00	112
MW-9	07/09/01	6.24	812	13.9	8.2	2.28	-63
	09/25/01	6.33	NM	14.7	52.2	1.06	NM

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-9	01/03/02	6.13	763	13.4	1.4	0.00	NM
(continued)	03/27/02	6.37	NM	8.2	NM	0.59	NM
	06/11/02	6.61	700	12.8	NM	0.61	NM
	09/17/02	6.41	728	14.7	NM	0.13	-131
	12/16/02	6.24	614	13.7	27.7	0.26	NM
	03/17/03	6.52	460	12.7	18.8	0.08	-47
	06/11/03	6.28	395	13.3	64.7	0.41	NM
	09/10/03	6.12	494	15.1	21.6	0.33	NM
	12/04/03	6.49	351	14.5	16.0	0.18	21
	03/16/04	6.46	269	12.4	5.1	0.44	46
	09/23/04	6.48	488	15.5	NM	0.17	55
	04/05/05	6.53	710	13.2	NM	1.15	-5
	09/20/05	6.25	550	16.7	NM	0.21	24
	03/14/06	6.51	416	12.7	347.0	< 0.01	NM
	09/13/06	6.43	548	14.7	NM	0.18	59
	04/05/07	6.26	438	12.5	110.0	0.01	50
	09/26/07	6.18	596	14.2	89.1	0.35	-166
	05/01/08	6.28	753	13.1	NM	0.24	78
	09/30/08	6.29	707	14.7	NM	0.15	-79
	03/26/09	6.69	649	11.8	NM	0.29	66
	09/29/09	6.38	111	14.9	NM	7.7[a]	35
	03/30/10	6.58	559	11.9	NM	0.72	17
	09/28/10	6.52	651	17.3	NM	0.24	27
	03/04/11	6.89	505	12.0	4.0	0.24	10
	09/26/11	6.41	544	13.4	85.4	0.12	-90
	03/06/12	6.37	392	11.3	NM	0.30	32
	09/28/12	6.57	641	15.3	NM	0.16	272[a]
	03/08/13	6.47	557	11.9	NM	0.16	95
	09/24/13	6.87	365	15.1	128.0	0.00	-67
	03/26/14	6.42	388	15.0	0.0	0.00	67
	09/24/14	6.45	472	17.1	21.2	0.00	-93
MW-10	07/09/01	6.47	463	14.2	14.2	2.11	72
	09/25/01	6.53	NM	15.6	184.0	0.98	NM
	01/03/02	6.33	460	13.6	3.2	0.00	NM
	03/28/02	6.57	159	12.0	NM	0.32	NM
	06/11/02	6.90	397	13.1	NM	0.22	NM
	09/17/02	6.76	390	15.1	NM	0.10	-97
	12/17/02	6.65	300	13.5	20.2	0.21	NM
	03/20/02	6.82	336	12.9	3.2	0.10	-62

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-10	06/10/03	6.97	222	14.1	15.9	0.18	NM
(continued)	09/10/03	6.09	267	16.3	9.0	0.49	NM
	12/04/03	6.61	179	13.4	7.6	0.37	44
	03/16/04	6.51	245	11.7	3.4	0.56	-24
	09/22/04	6.80	282	17.0	NM	0.61	10
	04/05/05	7.68	315	12.1	NM	0.89	-10
	09/20/05	6.62	284	18.1	NM	0.67	1
	03/15/06	6.71	268	11.2	6.7	0.16	NM
	09/12/06	6.59	281	20.3	NM	0.30	-67
	04/03/07	6.95	215	13.7	11.7	< 0.01	46
	09/24/07	6.61	238	16.9	7.7	0.45	-138
	05/01/08	6.56	268	11.8	NM	0.12	-54
	10/01/08	6.72	237	15.3	NM	0.11	-62
	03/24/09	6.53	266	11.2	NM	0.27	-36
	09/30/09	6.73	96[a]	15.7	NM	0.23	13
	03/30/10	6.96	201	11.1	NM	1.33	-8
	09/28/10	6.98	185	17.7	NM	0.20	3
	03/04/11	7.24	160	10.7	7.0	0.15	-2
	09/26/11	6.61	152	14.9	37.8	0.32	-58
	03/07/12	6.86	141	11.2	NM	0.24	-7
	09/28/12	6.67	136	18.9	NM	0.21	292[a]
	03/05/13	6.54	164	11.4	NM	0.16	2
	09/24/13	7.11	106	17.4	72.5	0.00	-72
	03/27/14	7.03	176	13.2	0.0	0.00	-88
	09/24/14	6.66	201	17.2	12.9	0.00	-94
MW-11	07/09/01	6.69	406	12.8	134.0	0.89	22
	09/24/01	6.28	418	17.5	112.0	6.13	NM
	01/02/02	6.24	431	14.8	NM	NM	NM
	03/27/02	6.58	5,000	9.1	12.0	4.42	NM
	06/11/02	6.35	444	14.2	6.4	2.74	NM
	09/17/02	6.22	530	16.3	NM	0.14	83
	12/16/02	6.00	593	14.0	1.8	0.30	NM
	03/17/03	6.15	539	13.4	4.6	0.16	26
	06/10/03	6.20	321	13.7	8.7	0.35	NM
	09/10/03	6.08	411	15.4	5.0	0.31	NM
	12/05/03	6.25	337	13.5	5.1	0.29	260
	03/16/04	6.36	269	12.7	1.7	0.50	73
	09/22/04	6.44	285	16.6	NM	0.38	85
	04/04/05	6.51	320	13.2	NM	1.84	94
	09/20/05	6.33	352	18.6	NM	0.51	-8

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-11	03/14/06	6.80	345	13.0	41.5	< 0.01	NM
(continued)	09/13/06	6.22	397	15.2	NM	0.19	138
	04/04/07	5.85	315	12.1	23.5	0.28	208
	09/26/07	6.27	312	14.9	18.3	0.39	85
	05/01/08	6.11	486	13.5	NM	0.46	69
	09/30/08	6.13	703	16.2	NM	0.19	107
	04/01/10	6.40	286	12.0	13.0	0.46	23
	04/09/10	NM	330	NM	3.0	NM	NM
	04/16/10	6.41	326	13.6	21.0	0.12	26
	05/06/10	6.55	285	13.0	13.0	0.30	24
	06/09/10	6.43	278	14.3	13.0	0.65	25
MW-12	07/09/01	6.67	590	14.5	95.2	1.40	37
	09/24/01	6.41	NM	19.2	78.9	1.17	NM
	01/03/02	5.37	1,480	16.2	7.9	NM	NM
	03/27/02	5.59	NM	12.3	15.8	0.43	NM
	06/11/02	6.33	865	14.6	5.4	0.31	NM
	09/17/02	6.29	737	16.8	NM	0.18	-147
	12/16/02	6.14	475	14.7	2.1	0.12	NM
	03/17/03	6.13	620	14.1	47.3	0.21	1
	05/14/03	6.21	383	13.7	NM	0.66	31
	06/10/03	6.30	367	13.8	66.7	0.45	NM
	09/10/03	6.06	419	15.9	27.8	0.35	NM
	12/05/03	6.18	410	13.4	9.2	0.33	40
	03/16/04	6.40	317	12.5	3.4	0.30	60
	09/22/04	6.58	408	16.5	NM	2.00	59
	04/04/05	6.93	416	13.0	NM	1.39	88
	09/20/05	6.70	460	18.4	NM	0.37	-12
	03/14/06	6.91	410	12.8	36.4	0.38	NM
	09/13/06	6.31	390	15.6	NM	0.19	132
	04/04/07	5.82	420	12.5	34.1	0.10	196
	09/26/07	6.42	383	15.3	28.7	0.20	62
	05/01/08	6.07	592	14.0	NM	0.35	71
	09/30/08	6.25	511	16.6	NM	0.19	97
	03/26/09	6.32	672	13.3	NM	0.34	9
	09/29/09	6.40	196	16.7	NM	1.55	33
	04/01/10	6.56	347	13.0	NM	0.87	27
	09/28/10	6.52	322	18.6	NM	0.35	26
	03/03/11	6.75	244	11.1	28.0	0.22	12
	06/22/11	6.87	348	16.1	41.2	0.04	-188

Table B-1

Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-12	09/22/11	6.51	359	16.4	12.4	0.05	-122
(continued)	10/21/11	6.41	411	15.0	35.0	0.38	11
	12/07/11	6.58	293	12.2	NM	0.20	-87
	03/07/12	6.38	316	12.9	NM	0.30	59
	06/27/12	6.44	533	15.5	18.4	0.22	32
	07/12/12	6.44	312	15.5	NM	0.14	16
	10/02/12	6.41	324	16.3	7.9	3.60[a]	275[a]
	12/19/12	6.29	444	13.1	11.0	0.37	15
	03/06/13	6.37	436	12.2	18.1	0.15	47
	06/06/13	6.61	431	20.4	33.4	0.25	-40
	09/24/13	6.79	417	14.9	54.4	0.00	-117
	03/25/14	5.90	413	15.4	0.0	0.00	-45
	09/23/14	6.27	424	16.8	3.1	0.70	-108
MW-13	03/31/03	6.41	506	14.3	76.0	0.22	-37
	05/14/03	6.29	491	13.8	NM	0.84	-53
	06/11/03	6.63	425	14.7	15.5	0.25	NM
	09/11/03	6.60	470	16.8	23.1	0.58	NM
	12/04/03	6.86	379	13.1	5.7	0.28	-11
	03/15/04	6.58	458	12.8	9.7	0.31	-44
	06/10/04	6.55	383	14.4	NM	0.62	-21
	09/23/04	6.38	427	15.6	NM	0.17	18
	04/05/05	7.02	242	12.9	NM	1.43	9
	09/21/05	6.92	367	16.9	NM	0.22	-15
	03/15/06	7.07	301	13.2	4.0	< 0.01	NM
	09/14/06	6.58	490	16.0	NM	0.20	59
	04/04/07	6.76	557	13.6	5.0	0.03	-39
	09/25/07	6.50	617	15.6	4.8	-0.11	-210
	05/02/08	6.29	758	14.0	NM	0.24	-20
	09/30/08	6.36	687	17.1	NM	0.07	-84
	03/25/09	6.33	763	11.7	NM	0.31	-7
	09/30/09	6.47	273	17.0	NM	0.13	30
	03/29/10	6.53	639	12.4	15.0	0.58	18
	04/07/10	NM	720	NM	2.0	NM	NM
	04/16/10	6.67	682	14.2	9.0	0.49	24
	05/06/10	6.56	722	13.9	6.0	0.31	25
	06/09/10	6.52	753	15.7	4.0	0.20	22
	09/30/10	6.58	695	17.2	NM	0.14	17
	03/03/11	6.76	552	12.9	1.0	0.20	9
	06/23/11	6.09	365	14.4	9.2	0.16	-61
	09/22/11	6.26	680	19.7	13.3	0.02	-86

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Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-13	10/20/11	6.27	882	16.3	17.0	0.35	-28
(continued)	12/07/11	6.45	566	12.7	NM	0.21	-89
	03/07/12	6.49	564	12.2	NM	0.27	-13
	06/27/12	6.44	533	15.5	18.4	0.22	32
	07/12/12	6.47	571	18.5	NM	0.16	-7
	10/02/12	6.39	541	16.9	6.4	0.20	221[a]
	12/19/12	6.33	694	13.1	26.0	0.31	-91
	03/07/13	6.43	688	12.9	4.4	0.16	11
	06/06/13	6.70	713	19.9	26.7	0.18	-95
	09/24/13	7.02	489	15.7	82.5	6.22	-92
	03/26/14	6.78	610	14.1	1.7	0.00	-99
	09/23/14	6.41	803	17.7	29.2	0.00	-129
MW-14	12/04/03	6.80	207	13.5	8.2	0.22	44
	03/16/04	6.52	294	13.6	1.6	0.57	-9
	06/10/04	6.68	274	14.4	NM	0.55	-3
	09/24/04	6.97	343	14.5	NM	0.21	155
	04/05/05	6.84	369	13.8	NM	0.85	21
	09/21/05	6.71	495	15.1	NM	0.56	11
	03/14/06	6.92	341	13.5	4.9	0.05	NM
	09/13/06	6.81	396	15.7	NM	0.23	33
	04/04/07	6.64	393	14.5	0.8	0.21	-32
	09/26/07	6.56	358	14.8	2.2	0.26	-184
	05/02/08	6.28	412	12.7	NM	0.50	-27
	09/30/08	6.41	425	13.9	NM	0.35	-75
	03/23/09	6.23	498	11.4	NM	0.27	-28
	09/29/09	6.58	60[a]	14.2	NM	6.6[a]	24
	03/30/10	6.58	360	13.2	NM	0.73	15
	09/30/10	6.72	555	17.4	NM	0.34	18
	03/04/11	6.96	316	12.0	6.0	0.15	9
	09/21/11	6.39	392	16.7	7.6	0.04	-72
	03/06/12	6.58	337	12.0	NM	0.27	0
	09/28/12	6.42	366	16.3	NM	0.28	294[a]
	03/07/13	6.50	451	12.4	NM	0.18	49
	09/24/13	6.57	313	14.0	65.5	0.00	-23
	03/26/14	6.74	444	16.3	0.0	0.00	-86
	09/24/14	6.39	496	15.7	2.4	0.00	-89
MW-15	12/04/03	7.00	259	13.2	9.1	0.18	48
	03/16/04	6.92	290	13.4	2.8	0.39	-25
	06/10/04	6.66	297	14.1	NM	0.56	-17
	09/24/04	6.68	311	14.9	NM	0.21	74
	04/05/05	6.79	370	13.8	NM	0.70	15

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Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-15	09/21/05	6.91	682	16.4	NM	0.56	-9
(continued)	03/14/06	6.80	334	13.7	NM	< 0.01	NM
	09/13/06	6.77	367	15.3	NM	0.50	55
	04/04/07	6.71	396	14.2	1.2	0.06	-39
	09/26/07	6.51	390	15.4	NM	0.01	-205
	05/02/08	6.30	491	13.7	NM	0.21	-24
	09/29/08	6.47	499	18.5	NM	2.86	-97
	03/26/09	6.66	519	12.0	NM	0.23	-13
	09/29/09	6.52	59[a]	15.3	NM	7.7[a]	25
	03/30/10	6.61	409	13.3	NM	0.77	14
	09/30/10	6.57	506	17.0	NM	0.38	19
	03/08/11	6.91	449	13.7	4.0	0.17	8
	09/21/11	6.42	462	17.2	3.0	0.06	-83
	03/06/12	6.57	403	11.3	NM	0.30	-32
	10/01/12	6.43	414	14.7	NM	0.31	370[a]
	03/07/13	6.50	530	12.9	NM	0.17	30
	09/24/13	6.61	357	14.4	131.0	0.00	-48
	03/26/14	6.73	487	16.5	0.0	0.00	-94
	09/24/14	6.40	482	16.1	3.5	0.00	-94
MW-16	12/05/03	6.35	385	12.7	6.1	0.59	19
	03/16/04	6.42	370	12.7	7.2	0.39	-14
	06/10/04	6.36	366	14.4	NM	0.54	-5
	09/23/04	6.50	488	14.0	NM	0.24	27
	04/05/05	6.56	645	13.0	NM	1.09	38
	09/21/05	6.48	555	14.6	NM	0.47	21
	03/15/06	6.91	569	12.4	2.1	< 0.01	NM
	09/13/06	6.58	459	14.0	NM	0.19	68
	04/05/07	6.46	659	12.7	1.0	< 0.01	-62
	09/26/07	6.52	621	15.8	1.6	0.43	-202
	05/02/08	6.13	790	12.8	NM	0.18	0
	10/01/08	6.35	820	14.6	NM	0.17	-57
	03/25/09	6.09	892	11.5	NM	0.32	-36
	09/30/09	6.41	254	13.7	NM	0.16	32
	04/02/10	6.45	691	11.5	NM	0.59	24
	10/10/10	6.62	801	14.2	NM	0.39	21
	03/08/11	6.76	639	12.3	6.0	0.19	7
	09/26/11	6.29	681	13.5	0.6	0.20	-71
	03/08/12	6.42	666	11.8	NM	0.26	7
	10/01/12	6.28	678	13.7	NM	0.29	358[a]
	03/08/13	6.54	607	11.2	NM	0.21	110

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Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-16	09/24/13	6.59	428	12.9	62.1	0.00	-23
(continued)	03/27/14	6.67	889	13.3	25.4	0.00	-98
	09/25/14	6.30	901	14.9	98.7	0.00	-84
MW-17	12/04/03	6.59	384	12.0	5.7	0.51	93
	03/15/04	6.32	619	12.3	7.1	0.78	-24
	06/10/04	6.41	489	13.1	NM	0.68	-12
	09/23/04	6.42	521	13.4	NM	0.01	10
	04/05/05	6.60	920	12.6	NM	0.97	30
	09/21/05	6.52	882	13.6	NM	0.31	16
	03/15/06	6.92	804	11.4	2.7	0.73	NM
	09/12/06	6.27	908	16.7	NM	0.14	-1
	04/03/07	6.24	766	11.7	1.9	0.65	96
	09/24/07	6.45	922	13.9	2.1	0.40	-175
	05/01/08	6.27	1,286	12.3	NM	0.24	105
	09/29/08	6.46	967	14.9	NM	4.61	-98
	03/24/09	6.12	1,282	11.9	NM	0.42	-22
	09/30/09	6.52	152	12.9	NM	0.31	27
	03/30/10	6.37	667	10.1	NM	1.28	12
	10/01/10	6.68	1,111	14.2	NM	0.31	23
	03/07/11	6.88	564	11.6	5.0	0.15	8
	06/23/11	6.27	415	14.6	7.1	0.08	-40
	09/23/11	6.37	927	16.2	1.4	0.10	-60
	03/08/12	6.57	911	11.9	NM	0.23	-28
	06/27/12	6.57	936	15.3	14.8	0.12	-24
	07/12/12	6.53	1,033	15.9	NM	0.23	-26
	10/01/12	6.36	918	13.6	77.2	0.23	346[a]
	12/19/12	6.35	1,349	10.9	16.0	0.39	-100
	03/07/12	6.47	1,128	11.4	4.4	0.18	21
	06/06/13	6.88	1,269	15.0	21.6	0.28	-89
	09/24/13	6.07	792	12.4	90.1	0.00	-55
	03/26/14	6.67	665	12.7	8.0	0.00	4
	09/25/14	6.49	914	14.6	43.1	0.00	-68
MW-18	12/04/03	6.54	308	13.0	8.1	0.33	21
	03/16/04	6.46	363	12.4	19.4	0.36	-14
	06/10/04	6.41	415	13.8	NM	0.66	-3
	09/23/04	6.31	373	15.3	NM	0.01	7
	04/05/05	6.94	463	12.9	NM	0.83	18
	09/20/05	6.84	183	17.3	NM	0.72	21
	03/15/06	6.68	430	12.3	2.5	0.22	NM
	09/12/06	6.07	519	17.0	NM	0.42	NM

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Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-18	04/03/07	6.50	464	14.5	2.7	< 0.01	48
(continued)	09/24/07	6.57	566	15.5	2.1	0.41	-152
	05/01/08	6.32	637	12.6	NM	0.38	-43
	10/01/08	6.46	599	15.6	NM	0.12	-53
	03/24/09	6.20	626	12.3	NM	0.42	-29
	09/30/09	6.53	190	15.0	NM	0.38	26
	03/30/10	6.62	494	12.0	NM	1.57	13
	09/28/10	6.68	616	16.6	NM	0.24	21
	03/04/11	6.95	464	12.3	3.0	0.18	7
	06/23/11	6.32	312	15.3	9.6	0.14	-7
	09/23/11	6.37	532	16.9	3.8	0.07	-70
	03/07/12	6.54	484	13.0	6.0	0.18	15
	06/27/12	6.55	554	17.4	4.9	0.20	-18
	07/12/12	6.54	567	14.8	NM	0.19	-41
	10/01/12	6.48	321	17.7	2.8	2.42[a]	353[a]
	12/19/12	6.44	697	12.3	9.0	0.42	-92
	03/05/13	6.40	657	12.7	6.7	0.17	9
	06/06/13	6.87	741	16.6	16.1	0.26	-84
	09/24/13	6.67	439	15.0	58.9	0.08	-60
	03/26/14	7.76	99	13.9	0.0	3.32	115
	09/24/14	6.38	579	16.7	7.1	0.00	-59
MW-19	03/16/04	6.49	403	13.2	12.0	0.38	-23
	06/10/04	6.31	379	14.5	NM	0.89	-15
	09/23/04	6.66	368	15.4	NM	0.26	5
	04/05/05	6.87	571	14.2	NM	0.39	-21
	09/21/05	6.80	636	15.7	NM	0.44	31
	03/15/06	6.78	510	12.6	3.7	0.14	NM
	09/12/06	6.40	563	18.1	NM	0.18	-22
	04/03/07	6.05	505	13.9	3.9	0.21	40
	09/24/07	6.31	317	15.6	3.4	0.41	-218
	05/02/08	6.32	698	13.5	NM	0.23	-32
	10/01/08	6.48	573	18.0	NM	0.10	-83
	03/23/09	6.23	610	12.6	NM	0.34	-71
	09/29/09	6.54	29[a]	15.3	NM	7.5[a]	29
	03/30/10	6.33	528	11.9	NM	0.98	14
	09/28/10	6.53	722	16.4	NM	0.36	29
	03/03/11	6.92	413	13.5	4.0	0.15	10
	09/21/11	6.38	530	16.6	0.0	0.14	-103
	12/07/11	6.53	556	13.3	NM	0.26	-77
	03/08/12	5.65	596	15.0	NM	0.19	-29

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Groundwater Field Parameters
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Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-19	06/27/12	6.57	430	16.6	0.8	0.16	-22
(continued)	07/12/12	6.51	466	15.4	NM	0.23	21
	09/28/12	6.35	406	17.6	NM	0.28	322[a]
	12/19/12	6.42	560	13.7	14.0	0.40	-93
	03/05/13	6.39	727	13.3	1.6	0.14	-31
	06/06/13	6.84	766	16.3	9.8	0.86	-72
	09/24/13	6.72	486	14.0	64.0	0.00	-98
	03/27/14	6.83	564	14.7	52.9	0.00	-90
	09/25/14	6.47	689	18.5	5.7	0.00	-87
MW-20	07/28/05	7.01	1,053	14.7	10.8	NM	NM
	09/20/05	6.71	957	15.1	NM	0.42	45
	03/15/06	6.82	861	12.7	3.2	< 0.01	NM
	09/12/06	6.32	958	17.1	NM	0.39	-64
	04/05/07	6.54	972	14.1	5.0	< 0.01	-70
	09/26/07	6.34	961	15.1	NM	0.20	-169
	05/02/08	6.27	1,037	13.1	NM	0.21	-42
	09/29/08	6.41	1,130	18.9	NM	2.48	-125
	03/23/09	6.18	1,235	12.8	NM	0.37	-39
	09/30/09	6.58	119[a]	14.4	NM	0.22	27
	03/29/10	6.33	922	13.2	NM	0.48	17
	10/01/10	6.69	1,013	15.8	NM	0.40	21
	03/02/11	6.35	1,147	12.6	8.0	0.13	9
	09/26/11	6.36	930	16.6	33.0	0.29	-80
	03/08/12	6.53	946	14.0	NM	0.25	-5
	10/01/12	6.37	903	16.8	NM	0.14	321[a]
	03/08/13	6.45	180	11.4	NM	0.19	97
	06/06/13	6.67	898	17.0	30.8	0.21	-75
	09/24/13	6.64	761	15.6	96.6	0.00	-68
	03/27/14	6.85	166	15.8	0.0	0.00	-32
	09/25/14	6.42	1010	17.8	62.3	0.00	-84
MW-21	09/14/06	6.65	624	14.9	NM	0.34	85
	04/04/07	6.68	657	13.3	14.9	< 0.01	-47
	09/25/07	6.58	636	14.7	12.2	0.06	-231
	05/02/08	6.28	746	13.8	NM	0.25	-29
	09/30/08	6.35	788	15.6	NM	0.12	-79
	03/25/09	6.46	687	11.6	NM	0.32	6
	09/30/09	6.46	310	14.6	NM	0.08	30
	03/26/10	6.31	664	13.2	10.0	0.68	19
	04/16/10	6.54	702	13.6	19.0	0.90	22
	05/06/10	6.50	716	13.9	30.0	0.20	29
	06/09/10	6.21	741	15.0	131.0	0.16	38

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Groundwater Field Parameters
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-21	09/30/10	5.90	965	16.9	NM	0.34	56
(continued)	03/02/11	6.13	779	11.4	2.0	0.31	24
	06/23/11	5.74	407	13.9	7.2	0.12	-46
	09/22/11	5.75	951	17.5	1.5	0.07	-21
	09/27/11	5.70	907	15.1	5.2	0.35	20
	10/20/11	6.67	1,205	15.0	11.0	0.31	-17
	12/07/11	5.88	845	12.6	NM	0.21	-49
	03/08/12	6.00	880	13.1	NM	0.19	20
	06/26/12	5.99	846	14.4	74.5	0.22	7
	07/12/12	6.03	887	15.6	NM	0.15	42
	10/02/12	5.94	876	14.5	>1000	1.41[a]	238[a]
	12/20/12	5.95	1,128	11.4	96.0	0.29	-50
	03/06/13	6.16	1,125	11.0	68.0	0.22	27
	06/06/13	6.61	1,120	18.8	52.6	0.25	-89
	09/24/13	6.28	714	14.6	102.0	0.00	-56
	03/26/14	6.50	785	15.1	0.0	0.00	-110
	09/24/14	6.25	829	16.1	31.0	0.00	-88
MW-22	09/14/06	6.40	581	14.0	NM	0.62	121
	04/04/07	5.92	525	12.4	8.2	0.04	-40
	09/26/07	6.40	621	15.0	9.2	0.07	-178
	05/02/08	6.11	774	12.7	NM	0.19	-7.4
	10/01/08	6.32	815	13.9	NM	0.19	-74
	03/25/09	6.25	824	11.3	NM	0.26	-26
	09/30/09	6.39	287	14.9	NM	0.09	34
	03/29/10	6.20	665	12.0	NM	0.85	22
	09/30/10	6.57	821	17.6	NM	0.56	13
	03/04/11	6.77	543	12.2	45.0	0.15	12
	06/23/11	6.20	366	13.2	2.1	0.13	-30
	09/23/11	6.27	684	16.3	206.7	0.00	-85
	10/21/11	6.26	827	14.1	4.0	0.34	31
	12/07/11	6.27	583	12.5	NM	0.24	-50
	03/08/12	6.49	502	10.7	20.5	0.23	-17
	06/26/12	6.44	549	14.4	8.8	0.16	-33
	07/12/12	6.35	570	16.4	NM	0.20	15
	10/02/12	6.32	617	15.1	2.8	0.20	251[a]
	12/19/12	6.26	800	12.0	17.0	0.31	-96
	03/06/13	6.40	823	10.9	5.7	0.22	165
	06/06/13	6.79	881	15.9	11.6	0.32	-91
	09/25/13	6.53	564	13.7	89.1	0.00	-75
	03/26/14	6.59	769	15.0	0.0	0.00	-102
	09/24/14	6.22	769	14.9	12.2	0.00	-100

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Groundwater Field Parameters
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Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-23	09/13/06	6.07	433	16.2	NM	0.52	122
	04/04/07	6.04	414	12.6	63.9	0.65	185
	09/25/07	6.47	432	15.9	31.2	0.49	1.1
	05/01/08	6.24	552	13.8	NM	0.29	38
	10/01/08	6.40	458	17.7	NM	0.13	46
	03/24/09	6.08	487	11.8	NM	0.41	90
	09/29/09	6.48	170	16.8	NM	0.75	29
	04/01/10	6.57	428	13.0	NM	0.66	16
	09/28/10	6.67	495	19.0	NM	0.19	19
	03/02/11	6.25	399	11.8	5.0	0.25	16
	06/22/11	6.27	320	15.3	26.1	0.19	70
	09/23/11	6.35	431	17.8	7.8	0.14	82
	10/20/11	6.51	512	16.7	3.0	0.36	70
	12/07/11	6.57	356	13.7	NM	0.18	102
	03/07/12	6.59	386	13.1	5.2	0.18	58
	06/26/12	6.54	460	16.9	7.3	0.20	46
	07/12/12	6.54	465	15.8	NM	0.17	-18
	09/27/12	6.52	409	17.1	5.2	0.26	340[a]
	12/19/12	6.51	430	13.5	64.0	0.34	65
	03/05/13	6.50	528	12.6	7.1	0.16	-15
	06/06/13	6.91	690	16.8	9.2	0.26	43
	09/24/13	6.72	364	17.0	52.4	2.17	67
	03/26/14	6.80	616	13.5	4.1	0.00	147
	09/25/14	6.53	652	17.5	0.7	0.00	107
MW-24	03/26/10	6.39	651	13.4	153.0	0.31	17
	04/16/10	6.59	671	14.0	13.0	0.36	21
	05/06/10	6.47	670	15.1	2.0	0.20	28
	06/09/10	6.52	799	15.9	10.0	0.19	24
MW-25	03/29/10	6.56	703	12.2	57.0	0.67	12
	04/07/10	NM	720	NM	2.0	NM	NM
	04/16/10	6.51	687	14.2	2.0	0.22	24
	05/06/10	6.62	744	14.0	2.0	0.31	26
	06/09/10	6.52	896	15.8	7.0	0.27	25
MW-26	04/01/10	6.44	269	12.7	34.0	0.74	19
	04/09/10	NM	290	NM	4.0	NM	NM
	04/16/10	6.49	270	13.6	21.0	0.19	23
	05/06/10	6.67	218	12.6	18.0	0.31	28
	06/09/10	6.47	207	14.9	41.7	0.76	28
MW-27	09/24/14	6.38	566	16.2	64.3	0.00	-80

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Groundwater Field Parameters
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Sample Location	Date Collected	pH pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mv)
MW-28	09/25/14	6.56	1,010	14.6	257.0	0.00	-95
P-1	09/24/04	6.54	401	15.4	NM	0.24	33
INJ-1	07/09/01	6.39	703	14.2	47.8	1.55	-18
	06/11/02	6.63	1,541	14.1	19.2	0.28	NM
INJ-2	07/09/01	6.45	384	15.1	61.9	1.20	17
	06/11/02	6.49	950	15.6	13.8	0.23	NM
	06/10/03	6.38	381	14.5	10.4	0.25	NM
INJ-3	07/09/01	6.37	407	14.2	30.1	1.51	17
	06/11/02	6.59	1,971	15.1	13.8	0.11	NM
	12/17/02	6.27	417	13.4	12.3	0.11	NM
	06/10/03	6.50	634	14.2	23.8	0.21	NM
IW-106	10/08/12	6.19	851	17.6	NM	0.11	370[a]
IW-115	10/08/12	6.16	948	16.9	NM	0.22	419[a]
IW-117	10/20/11	5.33	1,484	14.7	200.0	0.48	19
	10/02/12	6.30	916	15.3	High	0.18	253[a]
IW-130	10/05/12	6.43	1,551	17.0	NM	0.19	300[a]
IW-137	10/04/12	6.36	1,179	17.9	Low	0.20	303[a]
IW-140	10/21/11	5.66	2,241	15.8	520.0	0.54	13
	10/02/12	6.24	1,189	18.1	High	0.19	267[a]
IW-206	10/04/12	6.20	1,129	17.5	Low	0.25	353[a]
IW-209	10/04/12	6.36	820	17.5	Low	0.24	346[a]
IW-211	10/21/11	6.37	1,215	15.6	38.0	0.41	-8
	10/02/12	6.81	744	17.0	NM	2.17[a]	282[a]
	10/02/12	6.81	744	17.0		2.17	282
IW-212	10/05/12	6.26	514	14.1	NM	0.35	392[a]
IW-217	10/05/12	6.65	629	15.0	NM	0.23	312[a]

Notes:

NM = not measured

[a] Likely meter malfunction

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-1	04/17/95		**120**	**560**	**53**	**29**	**710**	**1400**	25 U	**540**	25 U	25 U	**150**	25 U	**2,900**	**180**	**1,300**	**3,600**	NA
	4/17/95 (DUP)		**130**	**610**	**65**	**31**	**770**	**1600**	25 U	**640**	25 U	25 U	**180**	25 U	**3,100**	**230**	**1,500**	**3,900**	NA
	09/04/96		**82**	**220**	50 U	100 U	**1,300**	**700**	50 U	**180**	50 U	50 U	50 U	50 U	**1,600**	50 U	**1,300**	**4,400**	200 U
	12/10/96		**91 J**	**120 J**	**67 J**	**9 JB**	**1,400 J**	**2700 J**	**5.1 J**	**1,200 J**	**1.5 J**	**7.7 J**	**62 J**	0.5 U	**3,500 J**	**31 J**	**1,600 J**	**6,300 J**	**210 J**
	03/04/97		**80 J**	**73 J**	**24 J**	**5 JB**	**640 J**	**1000 J**	**2.1 J**	**420 J**	**1.2 J**	**5.3 J**	**68 J**	0.5 UJ	**4,700 J**	**66 J**	**1,600 J**	**7,100 J**	**210 EJ**
	06/27/97		**120**	**200**	**21**	10 U	**900**	**860**	5 U	**290**	5 U	**8.0**	**26**	5 U	**3,000**	**34**	**2,000**	**7,400**	**200**
	09/04/97		**52**	**150**	**7.6**	**2.9**	**790**	**350**	**0.9**	**74**	0.5 U	**7.5**	**12**	0.5 U	**1,500**	**12**	**1,500**	**4,200**	2 U
	12/04/97		**38 J**	**31 J**	**27 J**	**3 JB**	**540 J**	**320 J**	**2.4 J**	**250 J**	**0.8 J**	**4.5 J**	**20 J**	0.5 UJ	**4,700 J**	**22 J**	**1,800 J**	**7,000 J**	**97 J**
	03/06/98		**50**	**320**	**9**	10 U	**420**	**340**	5 U	**160**	5 U	**8.0**	**7**	5 U	**1,600**	**10**	**1,500**	**4,400**	**110**
	3/6/98 (DUP)		**56**	**380**	**10**	10 U	**400**	**400**	5 U	**190**	5 U	**8.0**	**8**	5 U	**1,500**	**8**	**1,500**	**4,300**	**120**
	06/18/98		**120**	**120**	**16**	20 U	**420**	**450**	10 U	**400**	10 U	10 U	**10**	10 U	**2,900**	**14**	**1,700**	**6,700**	**190**
	09/29/98		**14 J**	**300 J**	2 UJ	5 UJ	**330 J**	**94 J**	2 UJ	**46 J**	2 UJ	**7 J**	**2 J**	2 UJ	**1,400 J**	2 UJ	**1,800 J**	**5,400 J**	**81 J**
	12/15/98		**54**	**190**	**14**	10 U	**330**	**390**	5 U	**270**	5 U	**6**	**6**	5 U	**2,000**	**6**	**1,600**	**4,600**	**110**
	03/02/99		**73**	**390**	**11**	10 U	**320**	**490**	5 U	**220**	5 U	**5**	**7**	5 U	**1,600 B**	**6**	**1,700**	**5,970**	**94**
	06/17/99		**180**	**140**	50 U	500 U	**230**	**400**	50 U	**270**	50 U	50 U	50 U	50 U	**2,500**	50 U	**1,400**	**6,000**	200 U
	09/17/99		**88**	**200**	**6.4**	0.3 U	**250**	**210**	0.2 U	**240**	0.2 U	**4 E**	**8.9**	0.2 U	**1,500**	**7.8 B**	**1,400**	**4,100**	**110**
	12/08/99		**110**	**79 J**	12 U	25 U	**310**	**330**	12 U	**240**	12 U	12 U	12 UJ	12 U	**860 J**	12 UJ	**1,300 J**	**5,500 J**	**130**
	03/07/00		**450**	**22**	**17**	5 U	**310**	**1,100**	2 U	**300**	2 U	2 U	**17**	2 U	**1,100**	**14**	**970**	**4,310**	**220**
	06/21/00		**290**	**32**	**9 J**	**50 J**	**290**	**380**	5 U	**390**	6 U	6 U	**10 J**	7 U	**1,300**	**10 J**	**860**	**3,700**	**260**
	6/21/00 (DUP)		**290**	**58**	**7 J**	**20 J**	**210**	**340**	3 U	**310**	3 U	3 U	**10 J**	4 U	**1,300**	**10 J**	**860**	**3,420**	**170**
	09/12/00		**61**	**110**	**5**	5 U	**190**	**170**	**2**	**180**	1 U	**3**	**8**	1 U	**980**	**4**	**1,100**	**3,730**	**91**
	12/07/00		**100**	**42 J**	**20 J**	10 U	**310**	**390**	**9 J**	**270**	6 U	6 U	**10 J**	7 U	**630**	**10 J**	**830**	**3,290**	**130**
	12/7/00 (DUP)		**79**	**76 J**	**10 J**	10 U	**260**	**300**	**8 J**	**250**	6 U	6 U	**9 J**	7 U	**480**	**10 J**	**890**	**3,330**	**120**
	03/15/01		**110 J**	**13**	**27**	**12**	**350 J**	**500**	**31**	**480 J**	2 U	2 U	**23**	2 U	**290**	**14 J**	**690**	**2,890**	**190**
	3/15/01 (DUP)		**150**	**13**	**35**	**13**	**450**	**620**	**43**	**610**	2 U	2 U	**27**	2 U	**320**	**20**	**740**	**2,830**	**230**
	07/12/01		**210**	**12 J**	**16**	**9.5 J**	**370**	**290**	**21**	**610**	2.9 U	2.7 U	**31**	3.1 U	**130**	**8.8 J**	**480**	**1,930**	**120**
	09/25/01		**240**	**17**	**23**	**10**	**790**	**460**	**18**	**480**	5 U	5 U	**41**	5 U	**320**	**16**	**480**	**1,970**	NA
	01/02/02		**300**	**27**	**30**	**2.2 J**	**660**	**690**	**22**	**510**	0.57 U	0.5 U	**22**	0.62 U	**270**	**9.1**	**570**	**2,300**	**130**
	03/28/02		**390**	**18**	**25**	**2.8 J**	**540**	**800**	**28**	**510**	0.57 U	**0.75 J**	**25**	0.62 U	**240**	**14**	**690**	**2,620**	**160**
	06/11/02		**270**	**12**	**5.5**	**1.0 J**	**250**	**240**	**10**	**230**	0.57 U	1 U	**7.8**	0.62 U	**170**	**6.4**	**500**	**1,570**	**160**
	09/18/02		**35**	**81**	**2.3 J**	**2.5 J**	**130**	**100**	**1.7 J**	**44**	0.57 U	**2.0 J**	**7.2**	0.62 U	**58**	**3.8**	**880**	**2,840**	**70**
	12/17/02		**100**	**7.8**	**22**	5 U	**560**	**340**	**4.3 B**	**600**	1.3 U	1.3 U	**25**	1.30 U	**80**	**10**	**520**	**1,030**	**130**
	03/20/03		**120**	**7.5**	**16**	2 U	**490**	**160**	**3.2**	**440**	0.5 U	0.5 U	**15**	0.5 U	**69**	**7.3**	**380**	**940**	**110**
	06/11/03		**60**	**4.4**	**5.4**	**1.0 J**	**270**	**64**	**1.3**	**260**	0.12 U	**0.35 J**	**6.7**	0.13 U	**200**	**4.2**	**330**	**730**	**120**
	09/11/03		**71**	**19**	**12**	**2.9 J**	**610**	**170**	**1.3**	**290**	0.23 U	**0.82 JB**	**15**	0.25 U	**1,200**	**5**	**510**	**1,480**	**93**
	12/04/03		**140**	**38**	**36**	**8.6**	**1,300**	**390**	**9**	**1,200**	**2.0**	**0.8 J**	**29**	0.31 U	**360**	**7.6**	**370**	**1,170**	**120**
	03/16/04		**50**	**14**	**11**	**5.4 J**	**410**	**66**	**5.3**	**370**	**2.1**	**0.56 J**	**13**	0.5 U	**520**	**5.8**	**390**	**1,590**	**110**
	09/23/04		**60**	**31**	**15**	**3.7 J**	**790**	**200**	**1.7**	**410**	**1.1 J**	**0.90 J**	**16**	0.31 U	**850**	**4.2**	**320**	**1,440**	**60**
	04/05/05		**26**	**22**	**12**	**11**	**350**	**120**	**50**	**540**	**0.85 J**	**0.85 J**	**23**	0.7 U	**1,500**	**7.4**	**290**	**900**	**45**
	09/21/05		**24**	**30**	**6.3**	**2.2**	**590**	**65**	**3.4**	**130**	**0.25 J**	**0.86**	**8**	0.14 U	**1,100**	**2.1**	**260**	**1,100**	**33**
	03/15/06		**24**	**44**	**6.5**	**9.6**	**580**	**55**	**8.5**	**240**	**0.35 J**	**0.73 J**	**15**	0.35 U	**710**	**3.9**	**300**	**1,680**	**60**
	09/14/06		**21**	**71**	**6.4**	**5.6**	**830**	**49**	**8.0**	**160**	**0.33 J**	**0.78 J**	**7.6**	0.35 U	**62**	**3.1**	**200**	**1,590**	**37**
	04/04/07		**12**	**17**	**4.9**	**6.6 J**	**240**	**44**	**8.9**	**210**	0.57 U	0.68 U	**9.3**	0.7 U	**69**	**3.6**	**400**	**2,080**	**47**
	09/25/07		**8.5**	**100**	**4.4**	**3.5 J**	**300**	**49**	**3.3**	**150**	0.57 U	**1.0 J**	**8.9**	0.7 U	**1,500**	**2.7**	**290**	**1,360**	**34**
	09/25/07		**8.5**	**100**	**4.4**	**3.5 J**	**300**	**49**	**3.3**	**150**	0.57 U	**1.0 J**	**8.9**	0.7 U	**1,500**	**2.7**	**290**	**1,360**	**34**
	05/02/08		**12**	**25**	**6.3**	**3.5**	**250**	**48**	**5.3**	**220**	**0.11 J**	**0.65**	**8.7**	0.042 U	**290**	**3.0**	**180**	**1,010**	**29**
	09/30/08		**10**	**60**	**4.3**	**3.4 J**	**320**	**37**	**2.7**	**130**	0.19 U	**0.63 J**	**7.1**	0.11 U	**300**	**2.3**	**170**	**910**	**27**
	03/25/09		**10**	**60**	**4.0**	0.5 U	**240**	**22**	**4.0**	**109**	0.50 U	**3.2**	**7.1**	0.50 U	**43**	**3.8**	**140**	**740**	**27**
	09/30/09		**14**	**86**	**12**	5.0 U	**500**	**38**	**4.5 J**	**190**	5.0 U	5.0 U	**5.6 J**	5.0 U	**610**	**1.7 J**	**180**	**1,400**	**14**
	03/29/10		**4.4**	**9.6 J**	0.5 U	0.5 U	0.5 U	**15**	20 U	**63**	0.5 U	0.5 U	**7.8 J**	0.5 U	**27**	0.5 U	**48**	**170**	0.5 U
	09/30/10		**9.51**	**46.5**	0.5 U	**1.41 J**	**339**	**28.3**	1.0 U	**173**	0.5 U	0.5 U	**3.16**	0.5 U	**144**	0.5 U	**70.2**	**301**	**18.1**
	03/03/11		**3.10**	**18.9**	**4.52**	0.5 U	**168**	**23.6**	**1.00**	**211**	0.5 U	0.5 U	**5.82**	0.5 U	**140**	**2.18**	**43.8**	**416**	**20.5**
	09/23/11		**5.74**	**174**	**1.96**	**1.20**	**138**	**13.5**	1.0 U	**38.5**	0.5 U	**0.700**	**3.44**	0.5 U	**1,620**	**0.830**	**124**	**949**	**16.0**
	03/08/12		**10.1**	**54.7**	**2.41**	**0.860**	**132**	**20.4**	1.00 U	**80.7**	0.500 U	0.500 U	**2.29**	0.500 U	**248**	**1.35**	**47.0**	**668**	**15.8**
	10/1/12 (DUP)		**6.10**	**82.0**	**0.720**	**0.760**	**88.0**	**15.0**	1.00 U	**13.4**	0.500 U	0.500 U	**2.94**	0.500 U	**198**	**0.630 J**	**19.1**	**461**	**23.8**
	10/01/12		**5.78**	**89.5**	**0.790**	**0.900**	**83.0**	**14.3**	1.00 U	**13.1**	0.500 U	0.500 U	**2.80**	0.500 U	**194**	**0.640 J**	**19.2**	**443**	**24.7**
	03/06/13		**22.3 J**	**79.8**	**2.26**	**2.08**	**252**	**25.2**	1.00 U	**49.4**	0.5 U	**0.540**	**1.86**	0.5 U	**186**	**1.13**	**46.6**	**556**	**22.5**
	09/25/13		**18.7**	**145**	**0.900**	**1.58**	**132**	**21.5**	1.00 U	**16.2**	0.500 U	**0.750**	**3.34**	0.500 U	**362**	**0.780**	**42.1**	**629**	**28.3**
	03/26/14		**67.1**	**228**	**4.02**	**1.23**	**303**	**45.2**	1.00 U	**65.2**	0.500 U	**0.761**	**3.02**	0.500 U	**183**	**1.11**	**43.2**	**323**	**25.2**
	09/23/14		**13.4**	**225**	0.500 U	**0.893**	**95.0**	**10.1**	1.00 U	**7.45**	0.500 U	0.500 U	**2.75**	0.500 U	**448**	**1.41**	**25.9**	**285.1**	**20.8**
MW-2	04/17/95		10 U	10 U	5 U	5 U	5 U	5 U	**9**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA
	09/04/96		0.5 U	0.5 U	0.5 U	2.0 U	**0.8**	**3.2**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	12/10/96		0.5 U	0.5 U	0.5 U	1.0 U	**0.6**	**4.0**	0.5 U	0.5 U	0.5 U	0.5 U	**2.5**	0.5 U	0.5 U	**4.3**	0.5 U	0.5 U	2 U
	03/04/97		0.5 U	0.5 U	0.5 U	1.0 U	**0.8**	**5.4**	0.5 U	0.5 U	0.5 U	0.5 U	**2.6**	0.5 U	0.5 U	**1.6**	0.5 U	0.5 U	2 U

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:	**(ft bgs)**	**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-2 (continued)	06/27/97		0.5 U	0.5 U	0.5 U	1.0 U	**1.0**	**7.2**	0.5 U	0.5 U	0.5 U	**2.1**	**2.1**	0.5 U	0.5 U	**1.9**	0.5 U	0.5 U	2 U
	09/04/97		0.5 U	0.5 U	0.5 U	1.0 U	**0.8**	**3.1**	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	12/04/97		0.5 U	0.5 U	0.5 U	1.0 U	**0.6**	**1.8**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.8**	0.5 U	0.5 U	2 U
	03/06/98		0.5 U	0.5 U	0.5 U	1.0 U	**0.8**	**5.9**	0.5 U	0.5 U	0.5 U	0.5 U	**2.8**	0.5 U	0.5 U	**2.5**	0.5 U	0.5 U	2 U
	06/18/98		0.5 U	0.5 U	0.5 U	1.0 U	**0.9**	**3.8**	0.5 U	0.5 U	0.5 U	0.5 U	**2.0**	0.5 U	0.5 U	**1.8**	0.5 U	0.5 U	2 U
	09/29/98		0.5 U	0.5 U	0.5 U	1.0 U	**1.1**	**2.9**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	12/15/98		0.5 U	0.5 U	0.5 U	1.0 U	**1.0**	**5.7**	0.5 U	0.5 U	0.5 U	0.5 U	**1.7**	0.5 U	0.5 U	**0.7**	0.5 U	0.5 U	2 U
	03/02/99		0.5 U	0.5 U	0.5 U	1.0 U	**0.9**	**8.5**	0.5 U	0.5 U	0.5 U	0.5 U	**1.5**	0.5 U	0.5 U	**2.2**	0.5 U	0.5 U	2 U
	06/16/99		0.5 U	0.5 U	0.5 U	5.0 U	**0.6**	**3.3**	0.5 U	0.5 U	0.5 U	0.5 U	**1.5**	0.5 U	0.5 U	**3.4**	0.5 U	0.5 U	2 U
	6/16/99 (DUP)		0.5 U	0.5 U	0.5 U	5.0 U	**0.7**	**3.4**	0.5 U	0.5 U	0.5 U	0.5 U	**1.4**	0.5 U	0.5 U	**2.8**	0.5 U	0.5 U	2 U
	09/16/99		0.3 U	0.2 U	0.2 U	0.3 U	**0.9**	**2.5**	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	**0.3 EB**	0.2 U	0.4 U	0.2 U
	12/08/99		0.5 U	0.2 U	0.2 U	1.0 U	**0.9**	**4.4**	0.5 U	0.5 U	0.5 U	0.5 U	**1.1**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	03/07/00		0.5 U	0.2 U	0.2 U	1.0 U	**0.8**	**3.6**	0.5 U	0.5 U	0.5 U	0.5 U	**1.2**	0.5 U	0.5 U	**3.7**	0.5 U	0.5 U	2 U
	06/21/00		0.3 U	0.2 U	0.2 U	0.2 U	**0.67**	**3.3**	0.1 U	0.2 U	0.2 U	0.2 U	**2.4**	0.2 U	0.1 U	**3.2**	0.1 U	0.2 U	0.2 U
	09/12/00		1.0 U	1.0 U	1.0 U	5.00 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U
	12/07/00		**0.4 J**	0.2 U	0.2 U	0.2 U	**1.1**	**1.5**	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.1 J**	0.2 U	0.1 U	0.2 U	0.2 U
	03/15/01		**0.68**	0.2 U	0.2 U	**0.20** J	**1.2 J**	**1.3**	0.1 U	0.2 U	0.2 U	0.2 U	**0.5 J**	0.2 U	**0.2 J**	**1.0 J**	0.1 U	0.2 U	0.2 U
	07/12/01		**0.44 J**	0.18 U	0.12 U	0.20 U	**1.0**	**2.0**	0.096 U	0.12 U	0.12 U	0.11 U	**0.14 J**	0.1 U	**0.13 J**	0.1 U	0.098 U	0.19 U	0.15 U
	09/25/01		**0.75**	0.5 U	0.5 U	1.0 U	**2.1**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.57**	0.5 U	**0.67**	**2.1**	NA
	01/03/02		**1.0**	0.23 U	0.12 U	0.20 U	**1.1**	**1.7**	0.096 U	0.12 U	0.12 U	0.11 U	**0.57**	0.13 U	**0.4 JB**	**1.5**	0.098 U	0.19 U	0.15 U
	03/28/02		**0.79**	0.23 U	0.12 U	0.20 U	**1.0**	**1.8**	0.096 U	0.12 U	0.12 U	0.11 U	**1.0**	0.13 U	0.1 U	**1.7**	0.13 U	0.22 U	0.15 U
	06/14/02		**0.59**	0.23 U	0.12 U	0.20 U	**0.71**	**2.5**	0.096 U	0.12 U	0.12 U	0.11 U	**1.1**	0.13 U	0.1 U	**1.5**	0.13 U	0.22 U	0.15 U
	09/18/02		**0.79**	0.23 U	0.12 U	0.20 U	**1.2**	**1.3**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.1 U	0.1 U	0.13 U	0.22 U	0.15 U
	12/16/02		**1.4**	0.50 U	0.50 U	2.0 U	**1.2**	**1.1**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2.0 U
	03/20/03		**1.0**	0.50 U	0.50 U	2.0 U	**0.86**	**1.0**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	0.5 U	0.50 U	2.0 U
	06/11/03		**1.2**	0.23 U	0.12 U	0.2 U	**0.88**	**1.1**	0.096 U	0.12 U	0.12 U	0.11 U	**0.22 J**	0.13 U	**0.8 B**	0.1 U	0.13 U	0.22 U	0.15 U
	09/10/03		**0.69**	0.23 U	0.12 U	0.2 U	**1.3**	**0.75**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.3 B**	0.1 U	0.13 U	0.22 U	0.15 U
	12/05/03		**0.89**	0.23 U	0.12 U	0.2 U	**1.0**	**1.5**	0.096 U	0.12 U	0.12 U	0.11 U	**0.13 J**	0.13 U	0.1 U	0.1 U	0.13 U	0.22 U	0.15 U
	03/16/04		**0.75**	0.23 U	0.12 U	0.2 U	**0.7**	**1.3**	0.096 U	0.12 U	0.12 U	0.11 U	**0.59**	0.13 U	**0.1 J**	**2.2**	0.13 U	0.22 U	0.15 U
	09/24/04		**0.8**	0.23 U	0.12 U	0.2 U	**0.79**	**0.61**	0.096 U	0.12 U	0.12 U	0.11 U	**0.16 J**	0.13 U	0.1 U	0.1 U	0.13 U	0.22 U	0.15 U
	04/05/05		**0.71**	0.23 U	0.13 U	0.2 U	**0.8**	**0.82**	0.14 U	0.12 U	0.12 U	0.14 U	**0.32 J**	0.14 U	**0.2 J**	**1.0**	0.13 U	0.22 U	0.15 U
	09/21/05		**0.77**	0.23 U	0.13 U	0.2 U	**0.79**	**0.57**	0.14 U	0.12 U	0.12 U	0.14 U	**0.24 J**	0.14 U	**0.2 J**	0.1 U	0.13 U	0.22 U	0.15 U
	03/15/06		**0.37 J**	0.23 U	0.13 U	0.2 U	**0.27 J**	**0.93**	0.14 U	0.12 U	0.12 U	0.14 U	**0.97**	0.14 U	0.1 U	**4.4**	0.13 U	0.22 U	0.15 U
	09/13/06		**0.60**	0.23 U	0.13 U	0.2 U	**0.98**	**1.2**	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.1 U	0.1 U	0.13 U	0.22 U	0.15 U
	04/04/07		**0.22 J**	0.23 U	0.13 U	0.2 U	**0.2 J**	**1.1**	0.14 U	0.12 U	0.12 U	0.14 U	**0.77**	0.14 U	0.1 U	**3.9**	0.13 U	0.22 U	0.15 U
	09/26/07		**0.37 J**	0.23 U	0.13 U	0.2 U	**0.86**	**0.8**	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.1 U	0.1 U	0.13 U	0.22 U	0.15 U
	05/02/08		**0.51**	0.13 U	0.10 U	0.23 U	**0.65**	**0.55**	0.042 U	0.05 U	0.073 U	**0.06 J**	**0.18 J**	0.042 U	**0.2 JB**	**0.36 J**	0.042 U	**0.16 J**	0.04 U
	09/29/08		**0.44 J**	0.13 U	0.10 U	0.23 U	**0.61**	**0.71**	0.042 U	0.05 U	0.073 U	0.045 U	**0.10 J**	0.042 U	**0.2 JB**	0.1 U	0.042 U	**0.13 J**	0.04 U
	03/26/09		**1.2**	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/29/09		**0.6 J**	0.5 U	0.5 U	0.5 U	0.5 U	**1.0**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/29/10		**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3/29/10 (LAB DUP)		**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/30/10		0.2 UJ	0.5 U	0.5 U	0.5 U	**0.61**	**1.07**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/07/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.690**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/21/11		0.2 U	0.5 U	0.5 U	0.5 U	**0.5**	**0.920**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		**0.290**	0.500 U	0.500 U	0.500 U	**0.520**	**0.640**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/28/12		0.2 U	0.500 U	0.500 U	0.500 U	0.500 U	0.50 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/07/13		0.2 U	0.500 U	0.500 U	0.500 U	0.500 U	0.50 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/26/13		0.200 U	0.500 U	0.500 U	0.500 U	**0.590**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.786**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/24/14		0.200 U	0.500 U	0.500 U	0.500 U	**0.517**	**0.528**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-3	04/17/95		10 U	**30**	5 U	5 U	**230**	**42**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA U
	09/04/96		5 U	**9**	5 U	10 U	**330**	**56**	5.0 U	5.0 U	5.0 U	5.0 U	**5.0**	5.0 U	**5.0**	5.0 U	5.0 U	5.0 U	20 U
	9/4/96 (DUP)		5	**13**	5 U	10 U	**460**	**7.2**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U
	12/11/96		**0.7**	**4**	0.5 U	**2 B**	**120**	**9.7**	0.5 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	03/04/97		**0.8**	**4.5**	0.5 U	1 U	**73**	**5.8**	0.5 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	06/27/97		**2**	**18**	0.5 U	1 U	**140 J**	**17**	0.5 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	09/04/97		**2.5**	**1.4**	0.5 U	1 U	**190**	**25**	0.5 U	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**1.7**	2 U
	12/04/97		0.5 U	**1.8**	0.5 U	1 U	**48**	**2.1**	0.5 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	03/06/98		**0.9**	**3.6**	0.5 U	1 U	**100**	**8.6**	0.5 U	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	2 U
	06/18/98		**0.6**	**3.1**	0.5 U	1 U	**38**	**1.8**	0.5 U	0.5 U	0.5 U	**0.7 B**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	09/29/98		**1.1**	**0.7**	0.5 U	1 U	**160**	**14**	0.5 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	9/29/98 (DUP)		**1.5**	**1.6**	0.5 U	1 U	**200**	**18**	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	12/14/98		**1.5**	**5.8**	0.5 U	1 U	**37**	**1.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	03/03/99		**1**	**11**	0.5 U	1 U	**47**	**4.1**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	06/17/99		1 U	1.0 U	1.0 U	10 U	**66**	**3.0**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4 U

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-3 (continued)	09/17/99		**0.6**	**0.8**	0.2 U	0.3 U	**97 J**	**6.5**	0.2 U	0.3 U	0.2 U	**0.4 E**	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U
	12/08/99		**0.5**	**7.9**	0.5 U	1 U	**26**	**1.1**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	2 U
	03/07/00		**0.6**	**17**	0.5 U	1 U	**33**	**1.7**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	06/21/00		**0.4 J**	0.2 U	0.2 U	0.2 U	**24**	**1.3**	0.1 U	0.2 U	0.2 U	**0.5 J**	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
	09/12/00		1 U	**2**	1.0 U	5 U	**54**	**3.0**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
	9/12/00 (DUP)		1 U	**2**	1.0 U	5 U	**61**	**3.0**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U
	12/07/00		**0.3 J**	0.2 U	0.2 U	0.2 U	**26**	**1.7**	0.1 U	0.2 U	0.2 U	**0.4 J**	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
	03/15/01		**0.6**	0.2 U	0.2 U	**0.2 J**	**46 J**	**2.3**	0.1 U	0.2 U	0.2 U	**0.4 J**	0.2 U	0.2 U	**0.1 J**	0.2 U	0.1 U	0.2 U	0.2 U
	07/12/01		**0.31 J**	0.2 U	0.1 U	0.2 U	**27**	**1.9**	0.1 U	0.12 U	0.12 U	**0.43 J**	0.12 U	0.13 U	**0.31 J**	0.11 U	0.098 U	0.19 U	0.15 U
	09/24/01		0.5 U	0.5 U	0.5 U	1 U	**37**	**3.0**	0.5 U	0.50 U	0.50 U	**0.51**	0.50 U	0.50 U	0.5 U	0.5 U	0.5 U	0.59 U	NA U
	01/03/02		**0.25 J**	**0.47 J**	0.12 U	0.2 U	**16**	**1.0**	0.10 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.46 JB**	0.11 U	0.098 U	0.19 U	0.15 U
	03/28/02		**0.26 J**	0.23 U	0.12 U	0.2 U	**22**	**1.4**	0.10 U	0.12 U	0.12 U	**0.41 J**	0.12 U	0.13 U	**0.16 J**	0.11 U	0.13 U	0.22 U	0.15 U
	06/14/02		**0.25 J**	0.23 U	0.12 U	0.2 U	**19**	**1.3**	0.10 U	0.12 U	0.12 U	**0.35 J**	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	09/17/02		**0.32 J**	0.23 U	0.12 U	0.2 U	**27**	**2.1**	0.10 U	0.12 U	0.12 U	**0.43 J**	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	12/17/02		**0.58**	**18**	0.5 U	2 U	**38**	**0.9**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	03/20/03		0.5 U	0.5 U	0.5 U	2 U	**12**	**0.8**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	06/11/03		**0.25 J**	0.23 U	0.12 U	0.2 U	**9.5**	**0.9**	0.096 U	0.12 U	0.12 U	**0.41 J**	0.12 U	0.13 U	**0.47 JB**	0.11 U	0.13 U	0.22 U	0.15 U
	09/11/03		**0.27 J**	0.23 U	0.12 U	0.2 U	**9.9**	**0.9**	0.096 U	0.12 U	0.12 U	**0.41 JB**	0.12 U	0.13 U	**0.32 JB**	0.11 U	0.13 U	0.22 U	0.15 U
	12/04/03		**0.46 J**	**19**	0.12 U	**0.27 J**	**19**	**1.0**	0.096 U	0.12 U	0.12 U	**0.35 J**	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	03/15/04		**0.36 J**	0.23 U	0.12 U	0.20 U	**16**	**1.5**	0.096 U	0.12 U	0.12 U	**0.48 J**	0.12 U	0.13 U	**0.17 J**	0.11 U	**0.29 J**	**2.4**	0.15 U
	09/24/04		**0.31 J**	0.23 U	0.12 U	0.20 U	**9.9**	**1.5**	0.096 U	0.12 U	0.12 U	**0.43 J**	0.12 U	0.13 U	**0.15 J**	0.11 U	0.13 U	0.22 U	0.15 U
	04/05/05		**0.29 J**	0.23 U	0.13 U	0.20 U	**9.1**	**0.9**	0.14 U	0.12 U	0.12 U	**0.33 J**	0.14 U	0.14 U	**0.82** U	0.13 U	0.13 U	0.22 U	0.15 U
	09/21/05		**0.27 J**	0.23 U	0.13 U	0.20 U	**10**	**1.6**	0.14 U	0.12 U	0.12 U	**0.44 J**	0.14 U	0.14 U	**0.34 J**	0.13 U	0.13 U	0.22 U	0.15 U
	03/14/06		**0.31 J**	0.23 U	0.13 U	0.20 U	**12**	**1.2**	0.14 U	0.12 U	0.12 U	**0.36 J**	0.14 U	0.14 U	**0.15 J**	0.13 U	0.13 U	0.22 U	0.15 U
	09/12/06		**0.42 J**	0.23 U	0.13 U	0.20 U	**27**	**2.7**	0.14 U	0.12 U	0.12 U	**0.39 J**	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	04/03/07		**0.23 J**	0.23 U	0.13 U	0.20 U	**7.7**	**1.0**	0.14 U	0.12 U	0.12 U	**0.31 J**	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	09/25/07		**0.28 J**	0.23 U	0.13 U	0.20 U	**18**	**2.1**	0.14 U	0.12 U	0.12 U	**0.37 J**	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	05/01/08		**0.25 J**	0.13 U	0.10 U	0.23 U	**4.6**	**0.8**	0.042 U	0.05 U	0.07 U	**0.34 J**	0.06 U	0.04 U	**0.34 JB**	0.077 U	0.042 U	**0.12 J**	0.037 U
	10/01/08		**0.28 J**	0.13 U	0.10 U	0.23 U	**11**	**1.8**	0.042 U	0.05 U	0.07 U	**0.36 J**	0.06 U	0.04 U	**0.18 JB**	0.077 U	0.042 U	**0.08 J**	0.037 U
	03/24/09		**1.1**	0.5 U	0.5 U	0.5 U	**8.7**	**0.5**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/29/09		**0.8 J**	0.5 U	0.5 U	0.5 U	**15**	**1.5**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/30/10		**0.3**	0.5 U	0.5 U	0.5 U	**16**	**1.9**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/28/10		0.2 UJ	0.5 U	0.5 U	0.5 U	**8.47**	**1.49**	1.0 U	0.5 U	0.5 U	**0.33 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/07/11		0.2 U	0.5 U	0.5 U	0.5 U	**9.50**	**1.39**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/21/11		0.2 U	0.5 U	0.5 U	0.5 U	**7.07**	**1.41**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		0.200 U	0.500 U	0.500 U	0.500 U	**5.06**	**1.14**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	10/01/12		0.200 U	0.500 U	0.500 U	0.500 U	**7.24**	**1.45**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
	03/07/13		0.200 U	0.500 U	0.500 U	0.500 U	**4.75**	**1.03**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
	09/27/13		0.200 U	0.500 U	0.500 U	0.500 U	**3.76**	**0.900**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/27/14		0.200 U	0.500 U	0.500 U	0.500 U	**2.51**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/25/14		0.200 U	0.500 U	0.500 U	0.500 U	**5.38**	**1.21**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-4	09/04/96		50 U	**830**	50 U	100 U	**76**	50 U	50 U	50 U	50 U	50 U	50 U	50 U	**2,000**	50 U	**200**	**1,500**	200 U
	12/10/96		**6.1**	**950**	0.5 U	**7 B**	**33**	**2.1**	0.5 U	0.5 U	**2.6**	**38**	0.5 U	0.5 U	**310**	0.5 U	**430**	**340**	**110 E**
	03/04/97		**15.0**	**1,100**	0.5 U	**7**	**140**	**12**	0.5 U	**4.8**	**1.9**	**29**	**1**	0.5 U	**160**	0.5 U	**580**	**210**	**170**
	06/27/97		**6.3**	**2,000**	0.5 U	**9.6**	**160**	**2.8**	0.5 U	**2.6**	**1.2**	**31**	**2**	0.5 U	**62**	0.5 U	**900**	**53**	**230**
	09/04/97		**6.9**	**820**	0.5 U	**7**	**52**	**2.5**	0.5 U	0.5 U	**1.4**	**23**	**0.8**	0.5 U	**120**	0.5 U	**570**	**42**	2 U
	9/4/97 (DUP)		**6.5**	**2,100**	0.5 U	**7.1**	**47**	0.5 U	0.5 U	0.5 U	**1.5**	**22**	**0.7**	0.5 U	**300**	0.5 U	**1,300**	**110**	**510**
	12/04/97		**3.4 J**	**960 J**	0.5 UJ	**7 J**	**22 J**	**1.2 J**	0.5 UJ	0.5 UJ	**1.3 J**	**23 J**	**1 J**	0.5 UJ	**320 J**	0.5 UJ	**860 J**	**250 J**	**180 J**
	03/06/98		**8.0**	**1,400**	1 U	**10**	**84**	**4**	1 U	**11**	1 U	**29**	**1**	1 U	**48**	1 U	**970**	**140**	**220**
	06/18/98		12 U	**1,700**	12 U	**45**	**410**	12 U	12 U	12 U	12 U	**140**	12 U	12 U	**390**	12 U	**1,200**	**1,800**	**260**
	09/29/98		2 U	**1,000 J**	2 U	**8 J**	**33 J**	2 U	2 U	2 U	2 U	**23 J**	2 U	2 U	**1,600 J**	2 U	**780 J**	**1,300 J**	**240 J**
	12/14/98		2 U	**1,000**	2 U	**7**	**26**	2 U	2 U	2 U	2 U	**37**	2 U	2 U	**1,100**	2 U	**840**	**1,900**	**250**
	03/03/99		**8**	**1,300**	2 U	**9**	**72**	**6**	4 U	2 U	2 U	**18**	2 U	2 U	**8 B**	2 U	**790**	**13 B**	**110**
	06/17/99		25 U	**1,200**	25 U	250 U	**210**	25 U	25 U	25 U	25 U	25 U	25 U	25 U	**110**	25 U	**1,200**	**142**	**240**
	09/17/99		0 U	**820 J**	0.2 U	**9**	**36**	**1.4 E**	0.2 U	0.3 U	0.2 U	**18**	0.3 U	0.2 U	**540**	0.2 U	**850 J**	**1,230**	**220**
	12/08/99		5 U	**1,000 J**	5 U	10 U	**19**	5 U	5 U	5 U	5 U	**24**	5 UJ	5 U	**380 J**	5 U	**980 J**	**1,570 J**	**270**
	12/8/99 (DUP)		5 U	**1,100 J**	5 U	10 U	**20**	5 U	5 U	5 U	5 U	**23**	5 UJ	5 U	**360 J**	5 U	**970 J**	**1,560 J**	**260**
	03/07/00		2 U	**1,200**	2 U	**9**	**29**	2 U	2 U	2 U	2 U	**17**	2 U	2 U	**8**	2 U	**1,200**	**389**	**240**
	3/7/00 (DUP)		2 U	**1,200**	2 U	**9**	**28**	2 U	2 U	2 U	2 U	**17**	2 U	2 U	**8**	2 U	**1,200**	**389**	**240**
	06/21/00		5 U	**980**	3 U	**20**	**43**	3 U	2 U	3 U	3 U	**17**	3 U	3 U	**58**	3 U	**1,100**	**1,040**	**230**
	09/12/00		**1.0**	**840**	1.0 U	**6**	**14**	1.0 U	1.0 U	1.0 U	1.0 U	**10**	1.0 U	1.0 U	**25**	1.0 U	**610**	**820**	**140**
	12/07/00		20 U	**750 J**	6 U	**10 J**	**10 J**	6 U	5 U	6 U	6 U	**10 J**	6 U	7 U	**32**	6 U	**850**	**2,540**	**230**
	03/15/01		2.0 U	**770**	0.6 U	**11**	**23 J**	**0.7 J**	0.5 U	0.6 U	**2.0 J**	**19**	0.6 U	0.7 U	**37**	0.6 U	**820**	**850**	**210**
	07/12/01		5.3 U	**710**	3 U	**16 J**	**43**	3 U	2.4 U	2.8 U	2.9 U	**14**	3 U	3.1 U	**5 J**	2.8 U	**960**	**370**	**93**

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-4 (continued)	09/25/01		**3.6**	**340**	0.5 U	**5.9**	**27**	**0.74**	0.5 U	0.5 U	**0.71**	**6.5**	0.5 U	0.5 U	**2.1**	0.5 U	**230**	**38**	**27**
	01/02/02		**1.6 J**	**570**	0.6 U	**7.5 J**	**25**	**1.4 J**	0.48 U	0.56 U	0.57 U	**10**	**1.2 J**	0.62 U	**5.5**	0.55 U	**450**	**164**	**55**
	03/28/02		**6.2**	**810**	0.6 U	**13**	**87**	**2.6**	0.48 U	0.57 U	0.57 U	**12**	**2.3 J**	0.62 U	**18**	0.55 U	**700**	**184**	**65**
	06/11/02		1.1 U	**760**	0.6 U	**9.2 J**	**58**	0.58 U	0.48 U	0.57 U	0.57 U	**12**	**1.7 J**	0.62 U	**6.7**	**1.6 J**	**630**	**64**	**36**
	09/18/02		**1.9**	**570**	0.3 U	**7.6**	**20**	**1.1 J**	0.24 U	0.29 U	0.29 U	**11**	**0.70 J**	0.31 U	**11**	0.28 U	**690**	**1,640**	**160**
	12/17/02		**3.1**	**500**	1 U	**6.2**	**18**	**1.0**	1 U	1.0 U	1.0 U	**14**	1.0 U	1.0 U	**10**	1.0 U	**620**	**1,290**	**150**
	03/20/03		**1.3**	**530**	1 U	**5.3**	**13**	1.0 U	1 U	1.0 U	1.0 U	**16**	1.0 U	1.0 U	**2.3**	1.0 U	**740**	**325**	**140**
	06/11/03		**1.5**	**530**	0.3 U	**7.2**	**24**	**1.0 J**	0.24 U	0.29 U	**0.58 J**	**13**	**0.68 J**	0.31 U	**1.8 B**	0.28 U	**750**	**114**	**120**
	09/11/03		**2.3**	**460**	0.24 U	**6.8**	**18**	**1.1**	0.2 U	0.23 U	0.23 U	**13**	**0.34 J**	0.25 U	**9.3**	0.22 U	**780**	**1,990**	**200**
	12/04/03		**0.7 J**	**370**	0.24 U	**4.2**	**11**	**0.56 J**	0.2 U	0.23 U	0.23 U	**27**	**0.32 J**	0.25 U	**11**	0.22 U	**800**	**1,787**	**180**
	03/15/04		**0.59**	**420**	0.12 U	**6.2**	**15**	**0.67**	0.096 U	0.12 U	0.12 U	**24**	**0.48 J**	0.13 U	**5.6**	0.11 U	**730**	**702**	**160**
	09/24/04		**0.78**	**270**	0.12 U	**2.6**	**12**	**0.56**	0.096 U	0.12 U	**0.75**	**13**	**0.31 J**	0.13 U	**0.8**	0.11 U	**350**	**11.3**	**19**
	04/04/05		**0.66 J**	**400**	0.25 U	**3.9**	**10**	**0.42 J**	0.28 U	0.24 U	**0.86 J**	**21**	**0.34 J**	0.28 U	**3.6**	**0.46 J**	**730**	**690**	**170**
	09/21/05		**0.58**	**230**	0.13 U	**3.1**	**15**	**0.79**	0.14 U	0.12 U	**0.63**	**17**	**0.29 J**	0.14 U	**2.9**	0.13 U	**270**	**328**	**120**
	03/15/06		**0.86**	**300**	0.13 U	**3.7**	**12**	**0.46 J**	0.14 U	0.12 U	**0.66**	**20**	**0.19 J**	0.14 U	**2.1**	0.13 U	**81**	**376**	**140**
	09/14/06		**1.60**	**190**	0.13 U	**2.2**	**10**	**0.51**	0.14 U	0.12 U	**0.59**	**12**	**0.17 J**	0.14 U	**1.4**	0.13 U	**61**	**343**	**120**
	04/04/07		**0.09 J**	**110**	0.13 U	**1.3 J**	**7.2**	**0.25 J**	0.14 U	0.12 U	**0.49 J**	**17**	**0.15 J**	0.14 U	**0.78**	0.13 U	**22**	**151**	**140**
	09/26/07		**0.54**	**85**	0.13 U	**0.62 J**	**9.0**	**0.31 J**	0.14 U	0.12 U	0.85 U	**14**	**0.18 J**	0.14 U	**2.2**	0.13 U	**62**	**38.5**	**120**
	05/02/08		**0.1 J**	**96**	0.1 U	**0.61 J**	**4.5**	**0.13 J**	0.042 U	0.05 U	0.76 U	**13**	0.16 U	0.042 U	**1.1**	0.077 U	**18**	**6.9**	**100**
	10/01/08		**0.29 J**	**140**	0.1 U	**0.82 J**	**7.3**	**0.24 J**	0.042 U	0.05 U	**0.36**	**11**	**0.20 J**	0.042 U	**1.1**	0.077 U	**7.8**	**8.1**	**79**
	03/25/09		**1.0**	**206**	0.5 U	0.5 U	**4.8**	0.5 U	1.0 U	0.5 U	0.5 U	**11**	0.5 U	0.5 U	0.5 U	0.5 U	**4.1**	**2.2**	**128**
	3/25/09 (DUP)		**1.0**	**220**	0.5 U	0.5 U	**4.5**	0.5 U	1.0 U	0.5 U	0.5 U	**11**	0.5 U	0.5 U	0.5 U	0.5 U	**3.9**	**2.7**	**120**
	09/30/09		**1.1**	**450**	**3.3**	0.5 U	**6.1**	0.5 U	1.0 U	0.5 U	0.5 U	**10**	0.5 U	0.5 U	0.5 U	0.5 U	**8.5**	**8.0**	**210**
	03/29/10		**0.2**	**130**	0.5 U	0.5 U	**5.9**	0.5 U	1.0 U	0.5 U	0.5 U	**10**	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	**0.5**	**140**
	10/01/10		**0.19 J**	**78.1**	0.5 U	**0.63 J**	**5.74**	0.5 U	1.0 U	0.5 U	0.5 U	**6.78**	0.5 U	0.5 U	**0.53**	0.5 U	**2.17**	**3.80**	**43.4**
	03/04/11		**69.5**	0.5 U	0.5 U	0.5 U	**7.81**	0.5 U	1.0 U	0.5 U	0.5 U	**5.42**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.500**	**31.4**
	09/23/11		**1.46**	**50.4**	0.5 U	0.5 U	**4.00**	**1.30**	1.0 U	0.5 U	0.5 U	**5.24**	0.5 U	0.5 U	**2.07**	0.5 U	**3.33**	**9.66**	**34.1**
	03/08/12		**2.99**	**36.4**	0.500 U	0.500 U	**2.97**	**0.730**	1.00 U	0.500 U	0.500 U	**7.02**	0.500 U	0.500 U	**3.06**	0.500 U	**9.31**	**15.4**	**33.5**
	10/01/12		**2.19**	**31.3**	0.500 U	0.500 U	**2.71**	0.500 U	1.00 U	0.500 U	0.500 U	**4.72**	0.500 U	0.500 U	**2.23**	0.500 UJ	**4.29**	**8.54**	**21.5**
	03/06/13		0.200 U	0.5 U	0.5 U	**1.15**	**4.42**	0.5 U	1.0 U	0.5 U	0.5 U	**6.43**	0.5 U	0.5 U	**0.670**	0.5 U	**4.33**	**1.39**	**7.49**
	09/26/13		0.200 U	**24.4 J**	0.500 U	0.500 U	**3.58**	0.500 U	1.00 U	0.500 U	0.500 U	**7.77**	0.500 U	0.500 U	**1.78**	0.500 U	**2.34**	**8.00**	**2.89**
	03/25/14		0.200 U	**165**	0.500 U	0.500 U	**5.84**	0.500 U	1.00 U	0.500 U	0.500 U	**5.66**	0.500 U	0.500 U	**0.781**	0.500 U	**0.524**	**1.11**	**1.66**
	09/23/14		0.200 U	**45.5**	0.500 U	0.500 U	**1.72**	**0.519**	1.00 U	0.500 U	0.500 U	**6.35**	0.500 U	0.500 U	**4.06**	0.500 U	**1.75**	**6.80**	**3.56**
MW-5	09/04/96		25 U	25 U	25 U	50 U	25 U	**34**	25 U	25 U	25 U	25 U	**180**	25 U	25 U	**2,600**	25 U	25 U	100 U
	12/10/96		0.5 U	0.5 U	0.5 U	1 U	**0.7**	**28**	**0.9**	**3.4**	0.5 U	0.5 U	**130**	0.5 U	**1.3 B**	**3,400**	**1.0**	**1.6 B**	2 U
	12/10/96 (DUP)		0.5 U	0.5 U	**0.6**	1 U	**0.8**	**34**	**0.9**	**3.4**	0.5 U	0.5 U	**130**	0.5 U	0.5 U	**3,300**	0.5 U	0.5 U	2 U
	03/04/97		0.5 U	0.5 U	0.5 U	1 U	0.5 U	**21**	**0.7**	**3.1**	0.5 U	0.5 U	**100**	0.5 U	0.5 U	**3,100**	0.5 U	0.5 U	2 U
	06/27/97		5.0 UJ	5.0 UJ	5 UJ	10 UJ	5 UJ	**32**	5 UJ	5 UJ	5 UJ	5 UJ	**140 J**	5 UJ	5 UJ	**4,700 J**	5 UJ	5 UJ	20 UJ
	09/04/97		0.5 U	0.5 U	0.5 U	1 U	0.5 U	**30**	0.5 U	**3.2**	0.5 U	0.5 U	**150**	0.5 U	0.5 U	**4,800**	**0.9**	**0.9**	2 U
	12/04/97		0.5 U	0.5 U	0.5 U	1 U	0.5 U	**18**	**0.6**	**3**	0.5 U	0.5 U	**120**	0.5 U	0.5 U	**4,400**	1 U	0.5 U	2 U
	03/06/98		5.0 U	5.0 U	5 U	10 U	5 U	**30**	5 U	5 U	5 U	5 U	**140**	5 U	5 U	**4,000**	5 U	5 U	20 U
	06/18/98		12 U	12 U	12 U	25 U	12 U	**28**	12 U	12 U	12 U	12 U	**130**	12 U	12 U	**4,100**	12 U	12 U	50 U
	09/29/98		10 U	10 U	10 U	20 U	10 U	**25**	10 U	10 U	10 U	10 U	**130**	10 U	10 U	**3,800**	10 U	10 U	40 U
	12/15/98		**7**	5.0 U	5 U	10 U	5 U	**34**	5 U	5 U	5 U	5 U	**120**	5 U	5 U	**3,300**	5 U	5 U	20 U
	03/02/99		12 U	12 U	12 U	25 U	12 U	**14**	12 U	12 U	12 U	12 U	**96**	12 U	12 U	**4,400**	12 U	24 U	50 U
	06/16/99		10 U	10 U	10 U	100 U	10 U	**12**	10 U	10 U	10 U	10 U	**110**	10 U	10 U	**3,400**	10 U	10 U	40 U
	09/16/99		0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	0.3 U	0.2 U	0.3 U	0.2 U	0.2 U	**120**	0.2 U	0.2 U	**3,000**	0.2 U	0.4 U	0.2 U
	9/16/99 (DUP)		0.3 U	0.2 U	**0.3 E**	0.3 U	0.2 U	**15**	**0.4 E**	**1.6**	**0.3 E**	0.2 U	**94**	0.2 U	0.2 U	**2,500**	0.2 U	0.4 U	0.2 U
	12/08/99		0.5 U	0.5 UJ	0.5 U	1 U	0.5 U	**23**	0.5 U	**1.2**	0.5 U	0.5 U	**120 J**	0.5 U	0.5 U	**2,600 J**	0.5 U	0.5 U	2 U
	03/07/00		0.5 U	0.5 U	0.5 U	1 U	0.5 U	**17**	0.5 U	**1.3**	0.5 U	0.5 U	**94**	0.5 U	0.5 U	**2,700**	0.5 U	0.5 U	2 U
	06/21/00		20 U	9 U	6 U	**30 J**	5 U	**6 J**	5 U	6 U	6 U	6 U	**92**	7 U	5 U	**2,900**	5 U	14 U	8 U
	09/12/00		1.0 U	1.0 U	1.0 U	5 U	1.0 U	**11**	1.0 U	**1.0**	1.0 U	1.0 U	**99**	1.0 U	1.0 U	**2,500**	1.0 U	3 U	1.0 U
	12/07/00		20 U	9 U	6 U	10 U	5 U	**10 J**	5 U	6 U	6 U	6 U	**88**	7 U	5 U	**2,600**	5 U	14 U	8 U
	03/15/01		3 U	2 U	2 U	**5 J**	1 U	**8.2**	1 U	2 U	2 U	2 U	**87**	2 U	1.0 U	**2,300 J**	**3 J**	**2 J**	2 U
	07/12/01		2.2 U	1.8 U	1.2 U	2 U	0.91 U	**5.4**	0.96 U	1.2 U	1.2 U	1.1 U	**84**	1.3 U	0.98 U	**2,800**	0.98 U	1.9 U	1.5 U
	08/27/01		5 U	5 U	5 U	10 U	5 U	**7.4**	5 U	5 U	5 U	5 U	**68**	5 U	5 U	**1,800**	5 U	5 U	NA
	09/24/01		5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	**74**	5 U	5 U	**1,800**	5 U	5 U	NA
	10/22/01		5 U	5 U	5 U	10 U	5 U	**7.1**	5 U	5 U	5 U	5 U	**76**	5 U	5 U	**1,600**	5 U	5 U	NA
	11/19/01		5 U	5 U	5 U	10 U	5 U	**12**	5 U	5 U	5 U	5 U	**75**	5 U	5 U	**2,000**	5 U	5 U	NA
	01/02/02		1.1 U	1.2 U	0.6 U	0.97 U	**0.8 J**	**7.4**	0.48 U	**0.9 J**	0.57 U	0.53 U	**69**	0.62 U	0.49 U	**1,600**	0.49 U	0.93 U	0.71 U
	03/27/02		2.2 U	2.3 U	1.2 U	2 U	0.91 U	**2.9 J**	0.96 U	1.2 U	1.2 U	1.1 U	**70**	1.3 U	0.98 U	**2,500**	1.3 U	2.2 U	1.5 U
	06/11/02		1.1 U	1.2 U	0.6 U	0.97 U	0.46 U	**2.2 J**	0.48 U	**0.75 J**	0.57 U	0.53 U	**63**	0.62 U	0.49 U	**2,100**	0.65 U	1.5 U	0.71 U
	09/18/02		2.2 U	2.3 U	1.2 U	**4 J**	0.91 U	**3.7 J**	0.96 U	1.2 U	1.2 U	1.1 U	**76**	0.76 U	0.98 U	**2,600**	1.3 U	2.2 U	1.5 U
	12/16/02		5 U	5.0 U	5 U	20 U	5 U	**7.2**	5 U	5 U	5 U	5 U	**82**	5 U	5 U	**2,200**	5 U	5 U	20 U
	03/17/03		1.1 U	1.2 U	0.6 U	**1.1 J**	0.46 U	**7.6**	0.48 U	**0.6 J**	0.57 U	0.53 U	**57**	0.62 U	0.49 U	**1,500**	0.65 U	1.1 U	0.71 U
	06/10/03		2.2 U	2.3 U	1.2 U	2 U	0.91 U	**1.4 J**	0.96 U	1.2 U	1.2 U	1.1 U	**57**	1.3 U	0.98 U	**2,200**	1.3 U	2.2 U	1.5 U

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-5 (continued)	09/11/03		1.1 U	1.2 U	0.6 U	0.97 U	0.46 U	**1.5 J**	0.48 U	0.57 U	0.57 U	0.53 U	**86**	0.62 U	0.49 U	**2,400**	0.65 U	1.1 U	0.71 U
	12/05/03		1.1 U	1.2 U	0.6 U	0.97 U	0.46 U	**5**	0.48 U	0.57 U	0.57 U	0.53 U	**76**	0.62 U	0.49 U	**1,600**	0.65 U	1.1 U	0.71 U
	03/16/04		1.1 U	1.2 U	0.6 U	0.97 U	0.46 U	**0.8 J**	0.48 U	**0.7 J**	0.57 U	0.53 U	**47**	0.62 U	0.49 U	**1,700**	0.65 U	1.1 U	0.71 U
	09/22/04		1.1 U	1.2 U	0.6 U	0.97 U	0.46 U	**1.2 J**	0.48 U	**0.85 J**	0.57 U	0.53 U	**57**	0.62 U	0.49 U	**2,200**	0.65 U	1.1 U	0.71 U
	04/04/05		0.53 U	0.57 U	0.31 U	0.49 U	0.26 U	**1.5**	0.34 U	**0.43 J**	0.29 U	0.34 U	**45**	0.35 U	**0.28 J**	**1,300**	0.33 U	0.55 U	0.36 U
	09/20/05		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	**2.0**	0.14 U	**0.53**	0.12 U	0.14 U	**48**	0.14 U	**0.32 J**	**1,300**	0.13 U	0.22 U	0.15 U
	03/14/06		0.21 U	1.2 U	0.61 U	0.97 U	0.51 U	**3.1**	0.68 U	0.58 U	0.57 U	0.68 U	**47**	0.7 U	0.54 U	**1,300**	0.65 U	1.1 U	0.71 U
	09/13/06		0.21 U	1.2 U	0.61 U	0.97 U	0.51 U	**3.6**	0.68 U	0.58 U	0.57 U	0.68 U	**59**	0.7 U	0.54 U	**1,600**	0.65 U	1.1 U	0.71 U
	04/05/07		0.21 U	1.2 U	0.61 U	**1.2 J**	0.51 U	**4.5**	0.68 U	0.58 U	0.57 U	0.68 U	**43**	0.7 U	0.54 U	**1,200**	0.65 U	1.1 U	0.71 U
	09/26/07		0.21 U	1.2 U	0.61 U	0.97 U	0.51 U	**6.7**	0.68 U	0.58 U	0.57 U	0.68 U	**49**	0.7 U	0.54 U	**1,300**	0.65 U	1.1 U	0.71 U
	05/01/08		0.18 U	0.3 U	**0.28 J**	0.58 U	0.11 U	**6.1**	0.11 U	**0.28 J**	0.19 U	0.12 U	**37**	0.11 U	**0.13 JB**	**990**	0.11 U	0.2 U	0.093 U
	09/30/08		0.36 U	0.65 U	0.5 U	1.2 U	0.21 U	**8.1**	0.21 U	**0.25 J**	0.37 U	0.23 U	**46**	0.21 U	**0.25 JB**	**1,500**	0.21 U	0.39 U	0.19 U
	03/25/09		4.0 U	10 U	10 U	10 U	10 U	**5.4 J**	20 U	10 U	10 U	10 U	**27**	10 U	10 U	**1,200**	10 U	10 U	10 U
	09/29/09		2.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**4.6 J**	10 U	5.0 U	5.0 U	5.0 U	**31 J**	5.0 U	5.0 U	**850**	5.0 U	5.0 U	5.0 U
	9/29/09 (DUP)		2.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	**6.0 J**	10 UJ	5.0 UJ	5.0 UJ	5.0 UJ	**48 J**	5.0 UJ	5.0 UJ	**900**	5.0 UJ	5.0 UJ	5.0 U
	04/01/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.9**	1.0 U	0.5 U	0.5 U	0.5 U	**42**	0.5 U	0.5 U	**340**	0.5 U	0.5 U	0.5 U
	4/1/10 (DUP)		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.9**	1.0 U	0.5 U	0.5 U	0.5 U	**44**	0.5 U	0.5 U	**270**	0.5 U	0.5 U	0.5 U
	04/09/10		4.0 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U	**35**	10 U	10 U	**1,100**	10 U	10 U	10 U
	04/16/10		4.0 U	10 U	10 U	10 U	10 U	**5.0 J**	20 U	10 U	10 U	10 U	**42**	10 U	10 U	**780**	10 U	10 U	10 U
	05/06/10		2.0 U	10 U	5.0 U	10 U	10 U	**3.2 J**	20 U	10 U	10 U	10 U	**36**	10 U	10 U	**640**	10 U	10 U	10 U
	06/09/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.2**	1.0 U	0.5 U	0.5 U	0.5 U	**33**	0.5 U	0.5 U	**670**	0.5 U	0.5 U	0.5 U
	07/06/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.6**	1.0 U	0.5 U	0.5 U	0.5 U	**31**	0.5 U	0.5 U	**640**	0.5 U	0.5 U	0.5 U
	07/06/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.6**	1.0 U	0.5 U	0.5 U	0.5 U	**31**	0.5 U	0.5 U	**640**	0.5 U	0.5 U	0.5 U
	09/28/10		2.0 UJ	10 U	5.0 U	10 U	10 U	5.0 U	20 U	10 U	10 U	10 U	**22.6**	10 U	10 U	**514**	10 U	10 U	10 U
	9/28/10 (DUP)		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	**2.43**	1.0 U	0.5 U	0.5 U	0.5 U	**21.7**	0.5 U	0.5 U	**514**	0.5 U	0.5 U	0.5 U
	03/03/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.12**	1.0 U	0.5 U	0.5 U	0.5 U	**30.2**	0.5 U	0.5 U	**607**	0.5 U	**0.550**	0.5 U
	06/22/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.31**	1.0 U	0.5 U	0.5 U	0.5 U	**16.3**	0.5 U	0.5 U	**386**	0.5 U	0.5 U	0.5 U
	09/22/11		**0.590**	0.5 U	0.5 U	0.5 U	0.5 U	**7.28**	1.0 U	0.5 U	0.5 U	0.5 U	**30.2**	0.5 U	0.5 U	**682 J**	0.5 U	0.5 U	0.5 U
	12/07/11		**0.470**	0.5 U	0.5 U	0.5 U	0.5 U	**4.11**	1.0 U	0.5 U	0.5 U	0.5 U	**30.7**	0.5 U	0.5 U	**831**	0.5 U	0.5 U	0.5 U
	03/07/12		**0.810**	0.500 U	0.500 U	0.500 U	0.500 U	**51.6**	1.00 U	0.500 U	0.500 U	0.500 U	**27.0**	0.500 U	0.500 U	**326**	0.500 U	0.500 U	0.500 U
	06/26/12		**1.40**	0.500 U	0.500 U	0.500 U	0.500 U	**50.0**	1.00 U	0.500 U	0.500 U	0.500 U	**37.9**	0.500 U	0.500 U	**316**	0.500 U	0.500 U	0.500 U
	09/27/12		**1.55**	0.500 U	0.500 U	0.500 U	0.500 U	**96.0**	1.00 U	0.500 U	0.500 U	0.500 U	**62.0**	0.500 U	0.500 U	**479**	0.500 U	0.500 U	0.500 U
	12/19/12		**3.35**	0.500 U	0.500 U	0.500 U	0.500 U	**530**	1.00 U	0.500 U	0.500 U	0.500 U	**5.22**	0.500 U	0.500 U	**18.4**	0.500 U	0.500 U	0.500 U
	03/06/13		**4.57 J**	0.5 U	0.5 U	0.5 U	0.5 U	**286**	1.0 U	0.5 U	0.5 U	0.5 U	**55.4**	0.5 U	0.500 U	**106**	0.5 U	0.5 U	0.5 U
	3/6/13 (DUP)		**3.30 J**	0.5 U	0.5 U	0.5 U	0.5 U	**293**	1.0 U	0.5 U	0.5 U	0.5 U	**54.9**	0.5 U	**0.950**	**105**	0.5 U	0.5 U	0.5 U
	06/06/13		**3.69**	0.500 U	0.500 U	0.500 U	0.500 U	**291**	1.00 U	0.500 U	0.500 U	0.500 U	**105**	0.500 U	0.500 U	**205**	0.500 U	0.500 U	0.500 U
	09/26/13		**2.67**	0.500 U	0.500 U	0.500 U	0.500 U	**209**	1.00 U	0.500 U	0.500 U	0.500 U	**273**	0.500 U	0.500 U	**297**	0.500 U	0.500 U	0.500 U
	9/26/13 (DUP)		**2.12**	0.500 U	0.500 U	0.500 U	0.500 U	**203**	1.00 U	0.500 U	0.500 U	0.500 U	**251**	0.500 U	0.500 U	**330**	0.500 U	**1.27**	0.500 U
	03/25/14		**10.1**	0.500 U	0.500 U	0.500 U	0.500 U	**453**	1.00 U	0.500 U	0.500 U	0.500 U	**14.9**	0.500 U	0.500 U	**86.8**	0.500 U	0.500 U	0.500 U
	09/23/14		**5.50**	**2.43**	0.500 U	0.500 U	0.500 U	**392**	1.00 U	0.500 U	0.500 U	0.500 U	**32.5**	0.500 U	0.500 U	**217**	0.500 U	0.500 U	0.500 U
MW-6	09/04/96		0.5 U	**460**	0.5 U	**2 B**	**12**	**0.6**	0.5 U	0.5 U	**3.2**	**1.7**	0.5 U	0.5 U	**31**	0.5 U	0.5 U	0.5 U	2 U
	12/10/96		0.5 U	**240**	0.5 U	**1 B**	**13**	**0.7**	0.5 U	0.5 U	**2.1**	**1.2**	0.5 U	0.5 U	**26**	1 U	0.5 U	0.5 U	2 U
	03/04/97		0.5 U	**190 J**	0.5 U	1 U	**12**	**0.5**	0.5 U	0.5 U	**1.4**	**0.7**	0.5 U	0.5 U	**5.0**	1 U	0.5 U	0.5 U	2 U
	06/27/97		0.5 U	**370**	0.5 U	1 U	**13**	**0.9**	0.5 U	0.5 U	**2.2**	**1.2**	0.5 U	0.5 U	**7.3**	1 U	0.5 U	0.5 U	2 U
	09/04/97		0.5 U	**320**	0.5 U	1 U	**9.5**	0.5 U	0.5 U	0.5 U	**2.4**	**1.6**	0.5 U	0.5 U	**13**	**2.7**	0.5 U	**0.5**	2 U
	12/04/97		0.5 U	**180**	0.5 U	1 U	**9.1**	**0.6**	0.5 U	0.5 U	**1.4**	**0.7**	0.5 U	0.5 U	**4.9**	0.5 U	0.5 U	0.5 U	2 U
	03/06/98		0.5 U	**150**	0.5 U	**2.5 B**	**11**	**0.6**	0.5 U	0.5 U	**1.8**	**1.1 B**	0.5 U	0.5 U	**9.4 B**	0.5 U	0.5 U	0.5 U	2 U
	06/18/98		0.5 U	**190**	0.5 U	1 U	**12**	**0.8**	0.5 U	0.5 U	**2.6**	**1.7 B**	0.5 U	0.5 U	**11 B**	0.5 U	0.5 U	0.5 U	2 U
	09/29/98		0.5 U	**190 E**	0.5 U	1 U	**10**	**0.7**	0.5 U	0.5 U	**2.1**	**1.5**	0.5 U	0.5 U	**8.9**	0.5 U	0.5 U	0.5 U	2 U
	12/15/98		0.5 U	**110**	0.5 U	1 U	**9.9**	**0.6**	0.5 U	0.5 U	**0.9**	0.5 U	0.5 U	0.5 U	**3.7 B**	0.5 U	0.5 U	0.5 U	2 U
	03/02/99		0.5 U	**180**	0.5 U	1 U	**10**	**0.6**	0.5 U	0.5 U	**0.9**	0.5 U	0.5 U	0.5 U	**3.2 B**	0.5 U	0.5 U	0.5 U	2 U
	3/2/99 (DUP)		0.5 U	**170**	0.5 U	1 U	**9.5**	**0.6**	0.5 U	0.5 U	**0.8**	0.5 U	0.5 U	0.5 U	**3.1 B**	0.5 U	0.5 U	0.5 U	2 U
	06/16/99		0.5 U	**100**	0.5 U	5 U	**7.4**	**0.5**	0.5 U	0.5 U	0.5 U	**0.5 B**	0.5 U	**0.9**	**2.3 B**	0.5 U	0.5 U	0.5 U	2 U
	09/16/99		0.3 U	**81**	0.2 U	0.3 U	**7.5**	**0.5**	0.2 U	0.3 U	**0.8**	**0.5 E**	0.3 U	0.2 U	**2.3 E**	0.2 U	0.2 U	0.4 U	0.2 U
	12/08/99		0.5 U	**73 J**	0.5 U	1 U	**7.2**	**0.6**	0.5 U	0.5 U	**0.7**	0.50 U	0.5 UJ	0.5 U	**1.5**	0.5 U	0.5 U	0.5 U	2 U
	03/07/00		0.5 U	**72**	0.5 U	1 U	**6.9**	**0.5**	0.5 U	0.5 U	**0.8**	0.5 U	0.5 U	0.5 U	**1.8**	0.5 U	0.5 U	0.5 U	2 U
	06/21/00		0.3 U	**29**	0.2 U	0.2 U	**6.6**	**0.3 J**	0.1 U	0.2 U	**0.4 J**	0.2 U	**0.3** J	0.2 U	**0.7**	**2.6**	**0.78**	**0.7 J**	0.2 U
	09/12/00		1.0 U	**53**	1.0 U	5 U	**5**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3 U	1.0 U
	12/07/00		0.3 U	**52 J**	0.2 U	0.2 U	**5.8**	**0.51**	0.1 U	0.2 U	**0.5 J**	**0.4 J**	0.2 U	0.2 U	**1.6 B**	0.2 U	0.1 U	0.2 U	0.2 U
	03/15/01		0.3 U	**54**	0.2 U	**0.4 J**	**6 J**	**0.4 J**	0.1 U	0.2 U	**0.64**	**0.3 J**	0.2 U	0.2 U	**1.6**	0.2 U	0.1 U	0.2 U	0.2 U
	07/12/01		0.22 U	**29**	0.12 U	0.2 U	**4.8**	**0.3 J**	0.096 U	0.12 U	**0.40 J**	**0.25 J**	0.12 U	0.13 U	**0.83**	0.11 U	0.098 U	0.19 U	0.15 U
	09/25/01		0.5 U	**47**	0.5 U	1 U	**5.9**	0.5 U	0.5 U	0.5 U	**0.53**	0.5 U	0.5 U	0.5 U	**1.2**	0.5 U	0.5 U	0.5 U	2.0 U
	01/03/02		0.22 U	**44**	0.12 U	0.2 U	**5.3**	**0.33 J**	0.096 U	0.12 U	**0.62**	0.11 U	0.12 U	0.13 U	**1.4 B**	0.11 U	0.098 U	0.19 U	0.15 U
	03/27/02		0.22 U	**63**	0.12 U	**0.29 J**	**5.1**	**0.38 J**	0.096 U	0.12 U	**0.78**	**0.43 J**	0.12 U	0.13 U	**1.2**	0.11 U	0.13 U	0.22 U	0.15 U

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-6 (continued)	06/14/02		0.22 U	**11**	0.12 U	0.2 U	**3.4**	**0.22 J**	0.096 U	0.12 U	**0.15 J**	0.11 U	0.12 U	0.13 U	**0.37 J**	0.11 U	0.13 U	0.22 U	0.15 U
	09/18/02		0.22 U	**36**	0.12 U	0.2 U	**4.9**	**0.4 J**	0.096 U	0.12 U	**0.52**	**0.50**	0.12 U	0.13 U	**1.2**	0.11 U	0.13 U	0.22 U	0.15 U
	12/16/02		0.5 U	**51**	0.5 U	2 U	**4.6**	0.5 U	0.5 U	0.5 U	**0.76**	**0.58**	0.5 U	0.5 U	**1.2**	0.5 U	0.5 U	0.5 U	2.0 U
	03/20/03		0.5 U	**31**	0.5 U	2 U	**3.4**	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	2.0 U
	06/11/03		0.22 U	**0.72**	0.12 U	0.2 U	**2.7**	**0.13 J**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.8 B**	0.11 U	0.13 U	0.22 U	0.15 U
	09/10/03		0.22 U	**4.9**	0.12 U	0.2 U	**3.4**	**0.2 J**	0.096 U	0.12 U	0.12 U	**0.20 JB**	0.12 U	0.13 U	**0.59 B**	0.11 U	0.13 U	0.22 U	0.15 U
	12/04/03		0.22 U	**13**	0.12 U	0.2 U	**3.2**	**0.26 J**	0.096 U	0.12 U	**0.34 J**	**0.23 J**	0.12 U	0.13 U	**0.45 J**	0.11 U	0.13 U	0.22 U	0.15 U
	03/16/04		0.22 U	**2.2**	0.12 U	0.2 U	**1.5**	**0.13 J**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.16 J**	0.11 U	0.13 U	0.22 U	0.15 U
	09/23/04		0.22 U	**19**	0.12 U	0.2 U	**3.6**	**0.34 J**	0.096 U	0.12 U	**0.57**	**0.31 J**	0.12 U	0.13 U	**0.73**	0.11 U	0.13 U	0.22 U	0.15 U
	04/05/05		0.22 U	**0.72**	0.13 U	0.2 U	**1.3**	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.40 J**	0.13 U	0.13 U	0.22 U	0.15 U
	09/21/05		0.042 U	**12**	0.13 U	0.2 U	**3.8**	**0.31 J**	0.14 U	0.12 U	**0.44 J**	**0.31 J**	0.14 U	0.14 U	**0.54**	0.13 U	0.13 U	0.22 U	0.15 U
	03/14/06		0.042 U	0.23 U	0.13 U	0.2 U	**0.74**	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.13 J**	0.13 U	0.13 U	0.22 U	0.15 U
	3/14/06 (DUP)		0.042 U	0.23 U	0.13 U	0.2 U	**0.73**	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	09/13/06		0.042 U	**10**	0.13 U	0.2 U	**3.3**	**0.31 J**	0.14 U	0.12 U	**0.46 J**	**0.27 J**	0.14 U	0.14 U	**0.17 J**	0.13 U	0.13 U	0.22 U	0.15 U
	04/05/07		0.042 U	0.23 U	0.13 U	0.2 U	**0.39 J**	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	**0.15 J**	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	09/26/07		0.042 U	**1.3**	0.13 U	0.2 U	**2.4**	**0.23 J**	0.14 U	0.12 U	**0.25 J**	**0.21 J**	0.14 U	0.14 U	**0.14 J**	0.13 U	0.13 U	0.22 U	0.15 U
	05/02/08		0.071 U	0.13 U	0.1 U	0.23 U	**0.34 J**	**0.1 J**	0.042 U	0.05 U	0.073 U	**0.05 J**	0.061 U	0.042 U	**0.11 JB**	0.077 U	0.042 U	0.078 U	0.037 U
	09/30/08		0.071 U	**1.3**	0.1 U	0.23 U	**1.8**	**0.19 J**	0.042 U	0.05 U	**0.21 J**	**0.2 J**	**0.07 J**	0.042 U	**0.32 JB**	0.077 U	**0.05 J**	**0.21 J**	0.037 U
	03/26/09		0.2 U	0.5 U	0.5 U	0.5 U	**1.3**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/29/09		0.2 U	**6.2**	0.5 U	0.5 U	**3.0**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/30/10		0.2 U	**0.2 J**	0.5 U	0.5 U	**0.6**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/30/10		0.2 UJ	**0.87**	0.5 U	0.5 U	**1.51**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/04/11		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/21/11		0.2 UJ	0.5 U	0.5 U	0.5 U	**1.15**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/28/12		0.200 U	0.500 U	0.500 U	0.500 U	**1.74**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/07/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/27/13		0.200 U	0.500 U	0.500 U	0.500 U	**1.59**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/24/14		0.200 U	0.500 U	0.500 U	0.500 U	**1.46**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-7	12/22/97		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**0.9** U	0.5 U	0.5 U	0.5 U	0.5 U	**2.0**	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	03/06/98		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.3**	0.5 U	**2.4**	0.5 U	0.5 U	2 U
	06/18/98		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.0**	0.5 U	**4.5**	0.5 U	0.5 U	2 U
	6/18/98 (DUP)		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.0**	0.5 U	**4.4**	0.5 U	0.5 U	2 U
	09/29/98		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.1**	0.5 U	**1.7**	0.5 U	0.5 U	2 U
	12/14/98		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.8**	0.5 U	0.5 U	2 U
	03/03/99		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.1**	0.5 U	**3.8**	0.5 U	0.5 U	2 U
	06/17/99		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	0.5 U	**4.3**	0.5 U	0.5 U	2 U
	09/17/99		0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	0.3 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	**0.9**	**0.2 EB**	**2**	**0.2 E**	0.4 U	0.2 U
	12/08/99		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.3**	0.5 U	**14**	0.5 U	0.5 U	2 U
	03/07/00		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.0**	0.5 U	**1.4**	0.5 U	0.5 U	2 U
	06/21/00		0.3 U	**0.82**	0.2 U	0.2 U	**0.1 J**	0.2 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3 J**	0.1 U	**9**	**0.58**	**0.4 J**	0.2 U
	09/12/00		1.0 U	1.0 U	1.0 U	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**	1.0 U	3 U	1.0 U
	12/07/00		0.3 U	0.2 U	0.2 U	0.2 U	0.1 U	0.09 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.7**	0.1 U	**0.82**	0.1 U	0.2 U	0.2 U
	03/15/01		0.3 U	0.2 U	0.2 U	0.2 U	0.1 U	0.09 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.91**	**0.1 J**	**2.1**	0.1 U	0.2 U	0.2 U
	07/12/01		0.22 U	0.18 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	**0.28 J**	**0.11 J**	**4.9**	0.098 U	0.19 U	0.15 U
	08/27/01		0.50 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.72**	0.5 U	**3**	0.5 U	0.5 U	2.0 U
	09/25/01		0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.4**	0.5 U	0.5 U	2.0 U
	10/22/01		0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.69**	0.5 U	**1.4**	0.5 U	0.5 U	2.0 U
	11/20/01		0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.3**	0.5 U	**1.8**	0.5 U	0.5 U	2.0 U
	01/03/02		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	**1.2**	**0.2 JB**	**1.4**	0.098 U	0.19 U	0.15 U
	03/28/02		0.22 U	0.23 U	0.12 U	**0.28 J**	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	**0.58**	**0.2 J**	**3.5**	0.13 U	0.22 U	0.15 U
	06/14/02		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	**0.31 J**	0.098 U	**4.7**	0.13 U	0.22 U	0.15 U
	09/17/02		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	**0.37 J**	0.098 U	**2.9**	0.13 U	0.22 U	0.15 U
	9/17/02 (DUP)		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	**0.36 J**	0.098 U	**2.7**	0.13 U	0.22 U	0.15 U
	12/17/02		0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.4**	0.5 U	**1**	0.5 U	0.5 U	2.0 U
	03/17/03		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	**1.3**	0.098 U	**1.5**	0.13 U	0.22 U	0.15 U
	06/10/03		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.50 B**	**8.5**	0.13 U	0.22 U	0.15 U
	09/10/03		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	**0.17 J**	**0.33 JB**	**4.1**	0.13 U	0.22 U	0.15 U
	12/04/03		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	**1.7**	0.098 U	**0.86**	0.13 U	0.22 U	0.15 U
	03/16/04		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	**0.2 J**	0.098 U	**5.9**	0.13 U	0.22 U	0.15 U
	09/22/04		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	**0.51**	0.098 U	**2.8**	0.13 U	0.22 U	0.15 U
	04/04/05		0.22 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	**0.68**	**0.42 J**	**2.1**	0.13 U	0.22 U	0.15 U
	09/20/05		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	**0.18 J**	**0.28 J**	**0.17 J**	**3.4**	0.13 U	0.22 U	0.15 U

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-7 (continued)	03/14/06		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.14 J**	**6.9**	0.13 U	0.22 U	0.15 U
	09/13/06		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	**4.2**	0.13 U	0.22 U	0.15 U
	04/03/07		0.042 U	0.23 U	0.13 U	**0.27 J**	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**4.3** U	**1.8**	0.13 U	0.22 U	0.15 U
	09/25/07		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	**3.2**	0.13 U	0.22 U	0.15 U
	05/01/08		0.071 U	0.13 U	0.1 U	0.23 U	0.042 U	0.045 U	0.042 U	0.05 U	0.073 U	0.045 U	**0.09 J**	0.042 U	**0.11 JB**	**5.4**	0.042 U	0.078 U	0.037 U
	10/01/08		0.071 U	0.13 U	0.1 U	0.23 U	0.042 U	0.045 U	0.042 U	0.05 U	0.073 U	0.045 U	**0.17 J**	**0.10 J**	**0.24 JB**	**2.5**	**0.05 J**	**0.13 J**	0.037 U
	03/24/09		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.3**	0.5 U	0.5 U	0.5 U
	09/29/09		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.4**	0.5 U	0.5 U	0.5 U
	04/01/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.3**	0.5 U	0.5 U	0.5 U
	09/28/10		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.38**	0.5 U	0.5 U	0.5 U
	03/02/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.98**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.920**	**4.18**	0.5 U	**1.16**	0.5 U
	06/22/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.88**	0.5 U	0.5 U	0.5 U
	09/22/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.07**	0.5 U	0.5 U	0.5 U
	12/07/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.86**	0.5 U	0.5 U	0.5 U
	03/07/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.94**	0.500 U	0.500 U	0.500 U
	06/26/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**5.38**	0.500 U	0.500 U	0.500 U
	09/27/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**3.02**	0.500 U	0.500 U	0.500 U
	12/19/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.52**	0.500 U	0.500 U	0.500 U
	03/05/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	**0.920**	0.500 U	0.500 U	**1.63**	0.500 U	0.500 U	0.500 U
	06/06/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**4.79**	0.500 U	0.500 U	0.500 U
	09/24/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.89**	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**6.56**	0.500 U	0.500 U	0.500 U
	09/25/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.14**	0.500 U	0.500 U	0.500 U
MW-8	12/22/97		**0.7**	0.5 U	**3.3**	1 U	0.5 U	**2.9**	**1.4**	0.5 U	0.5 U	0.5 U	**33**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	03/06/98		**0.7**	0.5 U	**1.2**	1 U	0.5 U	**1.3**	0.5 U	0.5 U	0.5 U	0.5 U	**20**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	06/18/98		**0.8**	0.5 U	**3**	1 U	0.5 U	**2.5**	0.5 U	0.5 U	0.5 U	0.5 U	**34**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	09/29/98		**0.6**	0.5 U	**3.2**	1 U	0.5 U	**2.8**	0.5 U	0.5 U	0.5 U	0.5 U	**35**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	12/14/98		**0.6**	0.5 U	**2.9**	1 U	0.5 U	**2.6**	0.5 U	0.5 U	0.5 U	0.5 U	**35**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	12/14/98 (DUP)		**0.6**	0.5 U	**3**	1 U	0.5 U	**2.8**	0.5 U	0.5 U	0.5 U	0.5 U	**35**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	03/02/99		**0.6**	0.5 U	**1.9**	1 U	0.5 U	**1.9**	0.5 U	0.5 U	0.5 U	0.5 U	**29**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	06/16/99		**0.6**	0.5 U	**1.3**	5 U	0.5 U	**1.3**	0.5 U	0.5 U	0.5 U	0.5 U	**16**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	09/16/99		**0.3 E**	0.2 U	**1.1**	0.3 U	0.2 U	**1.3**	0.2 U	0.3 U	0.2 U	0.2 U	**15**	0.2 U	0.2 U	**0.2 EB**	0.2 U	0.4 U	0.2 U
	12/08/99		0.5 U	0.5 U	**2.0**	1 U	0.5 U	**2.3**	0.5 U	0.5 U	0.5 U	0.5 U	**25**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	03/07/00		0.5 U	0.5 U	**1.2**	1 U	0.5 U	**1.4**	0.5 U	0.5 U	0.5 U	0.5 U	**18**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	06/21/00		0.3 U	**0.5 J**	**1.3**	0.2 U	0.1 U	**1.5**	0.1 U	0.2 U	0.2 U	0.2 U	**16**	0.2 U	0.1 U	**1.2**	**0.4 J**	**0.3 J**	0.2 U
	09/12/00		1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	**2.0**	1.0 U	1.0 U	1.0 U	1.0 U	**19**	1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U
	12/07/00		**0.3 J**	0.2 U	**2.0**	0.2 U	0.1 U	**2.4**	0.1 U	0.2 U	0.2 U	0.2 U	**23**	0.2 U	**0.2 J**	0.2 U	0.1 U	0.2 U	0.2 U
	03/15/01		0.3 U	0.2 U	**1.4**	0.2 U	0.1 U	**1.4**	0.1 U	0.2 U	0.2 U	0.2 U	**18**	0.2 U	**0.2 J**	0.2 U	0.1 U	0.2 U	0.2 U
	07/12/01		**0.37 J**	0.18 U	**2.5**	0.2 U	0.091 U	**2.3**	0.096 U	0.12 U	0.12 U	0.11 U	**28**	0.13 U	**0.14 J**	0.11 U	0.098 U	0.19 U	0.15 U
	08/27/01		0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.91**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	09/25/01		**0.59**	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	10/22/01		**0.5**	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	11/20/01		0.50 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	01/03/02		0.22 U	0.23 U	**2.0**	0.2 U	0.091 U	**2.3**	0.096 U	0.12 U	0.12 U	0.11 U	**27**	0.13 U	**0.31 JB**	0.11 U	0.098 U	0.19 U	0.15 U
	03/27/02		0.22 U	0.23 U	**0.72**	0.2 U	0.091 U	**1.0**	0.096 U	0.12 U	0.12 U	0.11 U	**14**	0.13 U	0.098 U	**0.17 J**	0.13 U	0.22 U	0.15 U
	06/14/02		0.22 U	0.23 U	**0.77**	0.2 U	0.091 U	**1.0**	0.096 U	0.12 U	0.12 U	0.11 U	**11**	0.13 U	0.098 U	**0.13 J**	0.13 U	0.22 U	0.15 U
	09/18/02		**0.5**	0.23 U	**2.5**	0.2 U	0.091 U	**2.8**	0.096 U	0.12 U	0.12 U	0.11 U	**29**	0.13 U	0.098 U	**0.21 J**	0.13 U	0.22 U	0.15 U
	12/16/02		**0.62**	0.5 U	**3.1**	2.0 U	0.5 U	**3.0**	0.5 U	0.5 U	0.5 U	0.5 U	**34**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	03/17/03		0.22 U	0.23 U	**2.5**	0.2 U	0.091 U	**2.6**	0.096 U	0.12 U	0.12 U	0.11 U	**29**	0.13 U	0.098 U	**0.12 J**	0.13 U	0.22 U	0.15 U
	06/11/03		0.22 U	0.23 U	**1.2**	0.2 U	0.091 U	**1.7**	0.096 U	0.12 U	0.12 U	0.11 U	**16**	0.13 U	**0.66 B**	**0.51**	0.13 U	0.22 U	0.15 U
	09/10/03		**0.41 J**	0.23 U	**2.2**	0.2 U	0.091 U	**2.4**	0.096 U	0.12 U	0.12 U	0.11 U	**32**	0.13 U	**0.39 JB**	**0.26 J**	0.13 U	0.22 U	0.15 U
	9/10/03 (DUP)		**0.45 J**	0.23 U	**2.3**	0.2 U	0.091 U	**2.5**	0.096 U	0.12 U	0.12 U	0.11 U	**32**	0.13 U	**0.22 JB**	**0.21 J**	0.13 U	0.22 U	0.15 U
	12/04/03		**0.6**	0.23 U	**2.8**	0.2 U	0.091 U	**3.2**	0.096 U	0.12 U	0.12 U	0.11 U	**36**	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	03/16/04		0.22 U	0.23 U	**0.59**	0.2 U	0.091 U	**0.92**	0.096 U	0.12 U	0.12 U	0.11 U	**11**	0.13 U	**0.12 J**	**0.31 J**	0.13 U	0.22 U	0.15 U
	09/24/04		**0.38 J**	0.23 U	**1.7**	0.2 U	0.091 U	**2.4**	0.096 U	0.12 U	0.12 U	0.11 U	**20**	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	04/05/05		0.22 U	0.23 U	**0.99**	0.2 U	0.11 U	**1.6**	0.14 U	0.12 U	0.12 U	0.14 U	**15**	0.14 U	**0.34 J**	**0.26 J**	0.13 U	0.22 U	0.15 U
	09/20/05		**0.13 J**	0.23 U	**1.3**	0.2 U	0.11 U	**2.3**	0.14 U	0.12 U	0.12 U	0.14 U	**19**	0.14 U	**0.23 J**	**0.43 J**	0.13 U	0.22 U	0.15 U
	03/15/06		**0.08 J**	0.23 U	**0.60**	0.2 U	0.11 U	**1.1**	0.14 U	0.12 U	0.12 U	0.14 U	**9.8**	0.14 U	**0.18 J**	**0.26 J**	0.13 U	0.22 U	0.15 U
	09/13/06		**0.36 J**	0.23 U	**1.1**	0.2 U	0.11 U	**2.2**	0.14 U	0.12 U	0.12 U	0.14 U	**14**	0.14 U	0.11 U	**0.39 J**	0.13 U	0.22 U	0.15 U
	04/05/07		**0.05 J**	0.23 U	**0.5 J**	0.2 U	0.11 U	**0.90**	0.14 U	0.12 U	0.12 U	0.14 U	**7.4**	0.14 U	0.11 U	**0.31 J**	0.13 U	0.22 U	0.15 U
	09/26/07		**0.25 J**	0.23 U	**1.1**	0.2 U	0.11 U	**1.9**	0.14 U	0.12 U	0.12 U	0.14 U	**13**	0.14 U	0.11 U	**0.23 J**	0.13 U	0.22 U	0.15 U
	05/01/08		0.071 U	0.13 U	**0.65**	0.23 U	0.042 U	**0.99**	0.042 U	0.05 U	0.073 U	0.045 U	**6.5**	0.042 U	**0.09 JB**	**0.34 J**	0.042 U	0.12 U	0.037 U
	09/30/08		**0.47 J**	0.13 U	**1.4**	0.23 U	0.042 U	**2.8**	0.042 U	0.05 U	0.073 U	0.045 U	**14**	0.042 U	**0.18 JB**	**0.22 J**	0.042 U	**0.11 J**	0.037 U
	03/26/09		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	**4.7**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-8 (continued)	09/29/09		**0.4 J**	0.5 U	**1.3**	0.5 U	0.5 U	**1.7**	1.0 U	0.5 U	0.5 U	0.5 U	**9.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	04/01/10		**0.3**	0.5 U	**0.8**	0.5 U	0.5 U	**1.4**	1.0 U	0.5 U	0.5 U	0.5 U	**5.0**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/28/10		0.2 UJ	0.5 U	**1.11**	0.5 U	0.5 U	**2.02**	1.0 U	0.5 U	0.5 U	0.5 U	**5.09**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/04/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.900**	1.0 U	0.5 U	0.5 U	0.5 U	**3.93**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/26/11		**0.700**	0.5 U	**1.25**	0.5 U	0.5 U	**1.98**	1.0 U	0.5 U	0.5 U	0.5 U	**3.91**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.890**	1.00 U	0.500 U	0.500 U	0.500 U	**2.96**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/28/12		0.200 U	0.500 U	**1.76**	0.500 U	0.500 U	**2.42 J**	1.00 U	0.500 U	0.500 U	0.500 U	**5.76**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/08/13		0.200 U	0.500 U	**0.850**	0.500 U	0.500 U	**1.54**	1.00 U	0.500 U	0.500 U	0.500 U	**2.39 J**	0.500 U	0.500 U	**0.730**	0.500 U	0.500 U	0.500 U
	09/27/13		**0.730**	0.500 U	**2.45**	0.500 U	0.500 U	**3.45**	1.00 U	0.500 U	0.500 U	0.500 U	**9.63**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	**1.99**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/23/14		0.200 U	0.500 U	**1.65**	0.500 U	0.500 U	**6.07**	1.00 U	0.500 U	0.500 U	0.500 U	**6.47**	0.500 U	0.500 U	**1.74**	0.500 U	0.500 U	0.500 U
MW-9	07/12/01		**0.26 J**	**15**	0.12 U	0.2 U	**2.3**	**4.1**	**0.1 J**	0.12 U	0.12 U	**3.5**	**0.28 J**	0.13 U	**1.2**	**0.15 J**	**0.12 J**	**0.18 J**	0.15 U
	7/12/01 (DUP)		**0.23 J**	**14**	0.12 U	0.2 U	**2.3**	**3.4**	**0.15 J**	0.12 U	0.12 U	**3.4**	**0.28 J**	0.13 U	**1.0**	**0.18 J**	0.098 U	**0.13 J**	0.15 U
	08/27/01		0.5 U	**12**	0.5 U	1 U	**2.4**	**5.2**	0.5 U	0.5 U	0.5 U	**4.0**	0.5 U	0.5 U	**1.7**	0.5 U	0.5 U	0.5 U	2.0 U
	09/25/01		0.5 U	**12**	0.5 U	1 U	**2.3**	**4.8**	0.5 U	0.5 U	0.5 U	**3.6**	0.5 U	0.5 U	**1.2**	0.5 U	0.5 U	0.5 U	2.0 U
	10/22/01		0.5 U	**12**	0.5 U	1 U	**2.3**	**5.9**	0.5 U	0.5 U	0.5 U	**4.1**	0.5 U	0.5 U	**1.4**	0.5 U	0.5 U	0.5 U	2.0 U
	11/20/01		0.5 U	**10**	0.5 U	1 U	**1.8**	**8.4**	0.5 U	0.5 U	0.5 U	**4.5**	0.5 U	0.5 U	**1.4**	0.5 U	0.5 U	0.5 U	2.0 U
	01/03/02		**0.29 J**	**2.9**	**0.78**	0.2 U	**0.65**	**31**	0.096 U	0.12 U	0.12 U	**1.8**	**18**	0.13 U	**0.59 B**	0.11 U	0.098 U	0.19 U	0.15 U
	03/27/02		**0.26 J**	**0.38 J**	**0.95**	**0.21 J**	0.091 U	**27**	0.096 U	0.12 U	0.12 U	0.11 U	**45**	0.13 U	**0.14 J**	0.11 U	0.13 U	0.22 U	0.15 U
	06/14/02		**0.25 J**	**19**	**0.25 J**	**0.28 J**	**1.8**	**12**	0.096 U	0.12 U	**0.21 J**	**2.6**	**6.2**	0.13 U	**1.0**	0.11 U	**0.13 J**	**0.23 J**	0.15 U
	09/17/02		**0.23 J**	**21**	0.12 U	**0.27 J**	**2.2**	**5.5**	0.096 U	0.12 U	0.12 U	**2.9**	**2.0**	0.13 U	**1.2**	0.11 U	**0.20 J**	**0.28 J**	0.15 U
	12/16/02		0.5 U	**21**	0.5 U	2 U	**2.4**	**4.2**	0.5 U	0.5 U	0.5 U	**2.7**	**0.9**	0.5 U	**0.93**	0.5 U	0.5 U	0.5 U	2.0 U
	03/17/03		0.22 U	**2.7**	**0.74**	0.2 U	**0.48 J**	**27**	0.096 U	0.12 U	0.12 U	**1.4**	**12**	0.13 U	**0.33 J**	0.11 U	0.13 U	**0.12 J**	0.15 U
	06/11/03		**0.22 J**	**34**	0.12 U	**0.4 J**	**2.3**	**4.3**	0.096 U	0.12 U	**0.41 J**	**1.9**	**1.7**	0.13 U	**0.99 B**	0.11 U	0.13 U	**0.13 J**	0.15 U
	09/10/03		**0.32 J**	**32**	0.12 U	**0.32 J**	**2.5**	**6.3**	0.096 U	0.12 U	**0.43 J**	**2.3 B**	**1.2**	0.13 U	**1.1 B**	0.11 U	0.13 U	0.22 U	0.15 U
	12/04/03		0.22 U	**27**	0.12 U	**0.24 J**	**2.5**	**6.4**	0.096 U	0.12 U	0.12 U	**3.1**	**0.48 J**	0.13 U	**0.88**	0.11 U	0.13 U	**0.21 J**	0.15 U
	03/16/04		**0.23 J**	**2.2**	**0.39 J**	0.2 U	**0.79**	**14**	0.096 U	0.12 U	0.12 U	**0.98**	**11**	0.13 U	**0.24 J**	0.11 U	0.13 U	0.22 U	0.15 U
	09/23/04		**0.49 J**	**18**	0.12 U	**0.27 J**	**1.9**	**2.5**	0.096 U	0.12 U	**0.35 J**	**2.0**	**0.16 J**	0.13 U	**0.71**	0.11 U	0.13 U	**0.15 J**	0.15 U
	04/05/05		**1.6**	**0.42 J**	**0.18 J**	0.2 U	**1.2**	**13**	0.14 U	0.12 U	0.12 U	**2.1**	**1.5**	0.14 U	**0.78**	0.13 U	0.13 U	0.22 U	0.15 U
	09/20/05		**0.35 J**	**15**	0.13 U	**0.25 J**	**1.9**	**1.1**	0.14 U	0.12 U	**0.34 J**	**2.2**	0.14 U	0.14 U	**0.86**	0.13 U	0.13 U	**0.13 J**	0.15 U
	03/14/06		**0.96**	0.23 U	0.13 U	0.2 U	**0.63**	**5.7**	0.14 U	0.12 U	0.12 U	**0.4 J**	**7.7**	0.14 U	**0.12 J**	0.13 U	0.13 U	0.22 U	0.15 U
	09/13/06		**0.59**	**12**	0.13 U	**0.22 J**	**1.6**	**1.1**	0.14 U	0.12 U	**0.35 J**	**2.0**	**0.19 J**	0.14 U	**0.63**	0.13 U	0.13 U	0.22 U	0.15 U
	04/05/07		**0.78**	0.23 U	**0.23 J**	0.2 U	**0.31 J**	**9.9**	0.14 U	0.12 U	0.12 U	**0.3 J**	**7.6**	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	09/26/07		**0.43 J**	**4.5**	0.13 U	0.2 U	**1.3**	**0.62**	0.14 U	0.12 U	**0.28 J**	**1.8**	0.14 U	0.14 U	**0.53**	0.13 U	0.13 U	0.22 U	0.15 U
	05/01/08		**2.7**	0.13 U	**0.22 J**	0.23 U	**0.43 J**	**13**	0.042 U	0.05 U	0.073 U	**1.2**	**0.57**	0.042 U	**0.39 JB**	0.077 U	0.042 U	**0.18 J**	0.037 U
	09/30/08		**0.38 J**	**2.7**	0.1 U	0.23 U	**1.0**	**0.46 J**	0.042 U	0.05 U	**0.18 J**	**2.0**	0.061 U	0.042 U	**0.63**	0.077 U	**0.08 J**	**0.27 J**	0.037 U
	03/26/09		**2.3**	0.5 U	0.5 U	0.5 U	0.5 U	**4.0**	1.0 U	0.5 U	0.5 U	**1.2**	**1.3**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/29/09		**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.8**	1.0 U	0.5 U	0.5 U	**1.2**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/30/10		**3.9**	0.5 U	0.5 U	0.5 U	0.5 U	**15**	1.0 U	0.5 U	0.5 U	**0.8**	**1.3**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/28/10		0.2 UJ	0.5 U	0.5 U	0.5 U	**0.51**	0.5 U	1.0 U	0.5 U	0.5 U	**1.70**	0.5 U	0.5 U	**0.38 J**	0.5 U	0.5 U	0.5 U	0.5 U
	9/28/10 (LAB DUP)		0.2 UJ	0.5 U	0.5 U	0.5 U	**0.54**	0.5 U	1.0 U	0.5 U	0.5 U	**1.87**	0.5 U	0.5 U	**0.40 J**	0.5 U	0.5 U	0.5 U	0.5 U
	03/04/11		**1.88**	0.5 U	0.5 U	0.5 U	0.5 U	**4.18**	1.0 U	0.5 U	0.5 U	**0.600**	**1.42**	0.5 U	**0.630**	0.5 U	0.5 U	**1.01**	0.5 U
	09/26/11		0.20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	**1.23**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		**0.690**	0.500 U	0.500 U	0.500 U	0.500 U	**3.95**	1.00 U	0.500 U	0.500 U	0.500 U	**3.22**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/28/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.5 U	1.00 U	0.500 U	0.500 U	0.500 U	0.5 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/08/13		**1.16 J**	0.500 U	0.500 U	0.500 U	0.500 U	**3.02**	1.00 U	0.500 U	0.500 U	0.500 U	**1.39 J**	0.500 U	0.500 U	**0.610**	0.500 U	0.500 U	0.500 U
	09/27/13		**0.780**	0.500 U	0.500 U	0.500 U	0.500 U	**1.50**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.09**	1.00 U	0.500 U	0.500 U	0.500 U	**2.17**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/24/14		**0.396**	0.500 U	0.500 U	0.500 U	0.500 U	**1.13**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-10	07/12/01		0.22 U	0.18 U	0.12 U	0.2 U	0.091 U	**0.65**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.14 J**	0.11 U	0.098 U	0.19 U	0.15 U
	09/25/01		0.5 U	0.5 U	0.5 U	1 U	0.5 U	**0.59**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	01/03/02		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	**0.48 J**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.45 JB**	0.11 U	0.098 U	0.19 U	0.15 U
	1/3/02 (DUP)		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	**0.44 J**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.44 JB**	0.11 U	0.098 U	0.19 U	0.15 U
	03/28/02		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	**0.48 J**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	06/14/02		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	**0.41 J**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.24 J**	0.11 U	0.13 U	0.22 U	0.15 U
	09/17/02		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	**0.59**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	12/17/02		0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	03/20/03		0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	06/10/03		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	**0.37 J**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.43 JB**	0.11 U	0.13 U	0.22 U	0.15 U
	09/10/03		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	**0.47 J**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.22 JB**	0.11 U	0.13 U	0.22 U	0.15 U
	12/04/03		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	**0.46 J**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	03/16/04		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	**0.45 J**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.17 J**	0.11 U	0.13 U	0.22 U	0.15 U
	09/22/04		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	**0.34 J**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	04/05/05		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	**0.33 J**	0.096 U	0.12 U	0.12 U	0.11 U	0.14 U	0.13 U	**0.42 J**	0.11 U	0.13 U	0.22 U	0.15 U

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:	(ft bgs)	LNAPL	LNAPL	3,350,000	20,000,000	5,100,000	3,500,000	8,200,000	720,000	8,690,000	0.8	1,100,000		1,000	200,000	LNAPL	LNAPL	LNAPL
	Final Cleanup Levels		0.5	15	7.0	5.0	800	70	7.2	200	0.5	0.8	4.0	0.64	1,000	0.86	700	1,600	400
MW-10 (continued)	09/20/05		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	**0.41 J**	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.16**	0.13 U	0.13 U	0.22 U	0.15 U
	03/15/06		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	**0.26 J**	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.16 J**	0.13 U	0.13 U	0.22 U	0.15 U
	09/12/06		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	**0.3 J**	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	04/03/07		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	**0.2 J**	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	09/24/07		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	**0.14 J**	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	05/01/08		0.071 U	0.13 U	0.1 U	0.23 U	0.042 U	**0.17 J**	0.042 U	0.05 U	0.073 U	0.045 U	0.061 U	0.042 U	**0.15 JB**	0.077 U	0.042 U	0.078 U	0.037 U
	10/01/08		0.071 U	0.13 U	0.1 U	0.23 U	0.042 U	**0.22 J**	0.042 U	0.05 U	0.073 U	0.045 U	0.061 U	0.042 U	**0.14 JB**	0.077 U	0.042 U	0.078 U	0.037 U
	03/24/09		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/30/09		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/30/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.1 J**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/28/10		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/04/11		0.2 UJ	**0.630**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/26/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/07/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	**3.02**	1.00 U	0.500 U	0.500 U	0.500 U	**1.39**	0.500 U	0.500 U	**0.610**	0.500 U	0.500 U	0.500 U
	09/28/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/05/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/26/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/27/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/24/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-11	07/12/01		**2.5 J**	1.8 U	1.2 U	2 U	0.91 U	**19**	0.96 U	1.2 U	1.2 U	NA	**78**	1.3 U	NA	**2,000**	NA	NA	NA
	08/27/01		5 U	5 U	5 U	10 U	5 U	**19**	5 U	5 U	5 U	5 U	**69**	5 U	5 U	**1,600**	5 U	5 U	NA
	09/24/01		5 U	5 U	5 U	10 U	5 U	**22**	5 U	5 U	5 U	5 U	**84**	5 U	5 U	**1,900**	5 U	5 U	NA
	10/15/01	12	**1.2**	0.5 U	**0.53**	1 U	**1.4**	**28**	0.5 U	0.5 U	0.5 U	0.5 U	**83**	0.5 U	0.5 U	**1,600**	0.5 U	0.5 U	NA
	10/15/01	18	**1.2**	0.5 U	**0.54**	1 U	**1.4**	**29**	0.5 U	0.5 U	0.5 U	0.5 U	**86**	0.5 U	0.5 U	**1,700**	0.5 U	0.5 U	NA
	10/22/01	12	5 U	5 U	5 U	10 U	5 U	**25**	5 U	5 U	5 U	5 U	**92**	5 U	5 U	**2,000**	5 U	5 U	NA
	10/22/01	18	2.5 U	2.5 U	2.5 U	5 U	2.5 U	**25**	2.5 U	2.5 U	2.5 U	2.5 U	**92**	2.5 U	2.5 U	**2,000**	2.5 U	2.5 U	NA
	10/29/01	12	5 U	5 U	5 U	10 U	5 U	**25**	5 U	5 U	5 U	5 U	**91**	5 U	5 U	**1,700**	5 U	5 U	NA
	10/29/01	18	5 U	5 U	5 U	10 U	5 U	**25**	5 U	5 U	5 U	5 U	**92**	5 U	5 U	**1,800**	5 U	5 U	NA
	11/19/01		5 U	5 U	5 U	10 U	5 U	**20**	5 U	5 U	5 U	5 U	**78**	5 U	5 U	**1,900**	5 U	5 U	NA
	01/02/02		1.1 U	1.2 U	0.6 U	0.97 U	0.46 U	**18**	0.48 U	0.56 U	0.57 U	0.53 U	**78**	0.62 U	0.49 U	**1,900**	0.49 U	0.93 U	0.71 U
	03/27/02		2.2 U	2.3 U	1.2 U	**4 J**	0.91 U	**19**	0.96 U	1.2 U	1.2 U	1.1 U	**67**	1.3 U	0.98 U	**1,800**	1.3 U	2.2 U	1.5 U
	06/11/02		1.1 U	1.2 U	0.6 U	0.97 U	0.46 U	**19**	0.48 U	0.57 U	0.57 U	0.53 U	**64**	0.62 U	0.49 U	**1,500**	0.49 U	1.5 U	0.71 U
	09/17/02		2.2 U	2.3 U	1.2 U	2 U	0.91 U	**16**	0.96 U	1.2 U	1.2 U	1.1 U	**67**	1.3 U	0.98 U	**2,000**	1.3 U	2.2 U	1.5 U
	12/16/02		**1.7**	1 U	1 U	4 U	**2.2**	**7.9**	1.0 U	1.0 U	1.0 U	1.1 U	**40**	1.0 U	1.0 U	**680**	1.0 U	1.0 U	4.0 U
	03/17/03		1.10 U	1.2 U	0.6 U	**1.3 J**	**1.0 J**	**7.5**	0.48 U	0.57 U	0.57 U	0.53 U	**46**	0.62 U	0.49 U	**1,100**	0.65 U	1.1 U	0.71 U
	03/17/03		1.10 U	1.2 U	0.6 U	**1.3 J**	**1.0 J**	**7.5**	0.48 U	0.57 U	0.57 U	0.53 U	**45**	0.62 U	0.49 U	**1,100**	0.65 U	1.1 U	0.71 U
	06/10/03		**1.5 J**	1.2 U	0.6 U	0.97 U	**0.9 J**	**7.4**	**0.5 J**	0.57 U	0.57 U	0.53 U	**53**	0.62 U	**0.85 JB**	**1,500**	0.65 U	1.1 U	0.71 U
	09/10/03		**1.6 J**	1.2 U	0.6 U	0.97 U	0.46 U	**6.0**	**0.5 J**	**0.75 J**	0.57 U	0.53 U	**62**	0.62 U	0.49 U	**1,700**	0.65 U	1.1 U	0.71 U
	12/05/03		**2.1**	0.46 U	**0.4 J**	0.39 U	**2.9**	**8.8**	**0.2 J**	**0.3 J**	0.23 U	**0.86 J**	**58**	0.25 U	0.2 U	**1,100**	0.26 U	0.44 U	0.29 U
	03/16/04		1.1 U	1.2 U	0.6 U	0.97 U	**0.55 J**	**5.2**	**0.55 J**	**0.65 J**	0.57 U	0.53 U	**47**	0.62 U	0.49 U	**1,500**	0.65 U	1.5 U	0.71 U
	09/22/04		**0.78 J**	0.57 U	0.3 U	0.49 U	**0.7 J**	**6.3**	**0.43 J**	**0.58 J**	0.29 U	0.27 U	**47**	0.31 U	0.25 U	**1,300**	0.33 U	0.55 U	0.36 U
	04/04/05		0.53 U	0.57 U	0.31 U	0.49 U	**0.68 J**	**13**	0.34 U	**0.50 J**	0.29 U	0.34 U	**48**	0.35 U	**0.58 J**	**1,300**	0.33 U	0.55 U	0.36 U
	09/20/05		**0.35 J**	0.23 U	**0.19 J**	0.2 U	**0.45 J**	**29**	**0.21 J**	**0.61**	0.12 U	0.14 U	**52**	0.14 U	**0.17 J**	**1,400**	0.13 U	0.22 U	0.15 U
	03/14/06		**0.8 J**	1.2 U	0.61 U	0.97 U	**0.65 J**	**51**	0.68 U	**0.60 J**	0.57 U	0.68 U	**50**	0.7 U	0.54 U	**1,000**	0.65 U	1.1 U	0.71 U
	09/13/06		**0.7 J**	1.2 U	0.61 U	0.97 U	0.51 U	**28**	0.68 U	0.58 U	0.57 U	0.68 U	**50**	0.7 U	0.54 U	**1,100**	0.65 U	1.1 U	0.71 U
	04/04/07		2.1 U	1.2 U	0.61 U	0.97 U	0.51 U	**50**	0.68 U	0.58 U	0.57 U	0.68 U	**38**	0.7 U	0.54 U	**1,200**	0.65 U	1.1 U	0.71 U
	09/26/07		2.1 U	1.2 U	0.61 U	0.97 U	0.51 U	**41**	0.68 U	0.58 U	0.57 U	0.68 U	**42**	0.7 U	0.54 U	**1,200**	0.65 U	1.1 U	0.71 U
	05/01/08		0.18 U	0.33 U	0.25 U	0.58 U	0.11 U	**26**	**0.2 J**	**0.28 J**	0.19 U	0.12 U	**35**	0.11 U	**0.13 JB**	**910**	0.11 U	0.2 U	0.093 U
	09/30/08		0.36 U	0.65 U	0.5 U	1.2 U	0.21 U	**27**	0.21 U	**0.25 J**	0.37 U	0.23 U	**41**	0.21 U	**0.25 JB**	**1,000**	0.21 U	0.39 U	0.19 U
	04/01/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**16**	1.0 U	0.5 U	0.5 U	0.5 U	**44**	0.5 U	0.5 U	**290**	0.5 U	0.5 U	0.5 U
	04/09/10		4.0 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U	**35**	10 U	10 U	**850**	10 U	10 U	10 U
	04/16/10		**4.0**	10 U	10 U	10 U	10 U	**22**	20 U	10 U	10 U	10 U	**66**	10 U	10 U	**500**	10 U	10 U	10 U
	05/06/10		**1.0 J**	10 U	5.0 U	10 U	10 U	**24**	20 U	10 U	10 U	10 U	**43**	10 U	10 U	**530**	10 U	10 U	10 U
	06/09/10		**0.28**	0.5 U	0.5 U	0.5 U	0.5 U	**11**	1.0 U	0.5 U	0.5 U	0.5 U	**33**	0.5 U	0.5 U	**680**	0.5 U	0.5 U	0.5 U
	6/9/10 (LAB DUP)		**0.21**	0.5 U	0.5 U	0.5 U	0.5 U	**9.3**	1.0 U	0.5 U	0.5 U	0.5 U	**31**	0.5 U	0.5 U	**580**	0.5 U	0.5 U	0.5 U
	07/06/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**19**	1.0 U	0.5 U	0.5 U	0.5 U	**34**	0.5 U	0.5 U	**470**	0.5 U	0.5 U	0.5 U
MW-12	07/12/01		5.3 U	4.4 U	3 U	4.9 U	2.3 U	**170**	2.4 U	2.8 U	2.9 U	NA	**200**	3.1 U	NA U	**6,100**	NA	NA	NA
	08/27/01		25 U	25 U	25 U	25 U	25 U	**150**	25 U	25 U	25 U	25 U	**160**	25 U	25 U	**6,000**	25 U	25 U	NA
	09/24/01		5 U	5 U	5 U	0.5 U	5 U	**52**	5 U	5 U	5 U	5 U	**86**	5 U	5 U	**2,400**	5 U	5 U	NA
	10/15/01	12	5 U	5 U	5 U	10 U	5 U	**23**	5 U	5 U	5 U	5 U	**43**	5 U	5 U	**1,500**	5 U	5 U	NA
	10/15/01 (DUP)	18	5 U	5 U	5 U	10 U	5 U	**22**	5 U	5 U	5 U	5 U	**40**	5 U	5 U	**1,600**	5 U	5 U	NA
	10/22/01	12	5 U	5 U	5 U	10 U	5 U	**48**	5 U	5 U	5 U	5 U	**66**	5 U	5 U	**2,600**	5 U	5 U	NA
	10/22/01	18	5 U	5 U	5 U	10 U	5 U	**39**	5 U	5 U	5 U	5 U	**62**	5 U	5 U	**2,400**	5 U	5 U	NA
	10/29/01	12	5 U	5 U	5 U	10 U	5 U	**61**	5 U	5 U	5 U	5 U	**76**	5 U	5 U	**2,300**	5 U	5 U	NA

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:	**(ft bgs)**	**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-12 (continued)	10/29/01 (DUP)	18	5 U	5 U	5 U	10 U	5 U	**60**	5 U	5 U	5 U	5 U	**70**	5 U	5 U	**2,100**	5 U	5 U	NA
	11/19/01		10 U	10 U	10 U	20 U	10 U	**190**	10 U	10 U	10 U	10 U	**210**	10 U	10 U	**3,300**	10 U	10 U	NA
	01/03/02		0.43 U	**2.6**	**1.1**	0.39 U	**0.52 J**	**340**	**0.22 J**	0.23 U	0.23 U	0.21 U	**72**	0.25 U	**0.4 JB**	**440**	0.2 U	**0.62 J**	0.29 U
	03/27/02		2.2 U	2.3 U	**7.7**	2 U	0.91 U	**2,700**	0.96 U	1.2 U	1.2 U	1.1 U	**640**	1.3 U	0.98 U	**2,100**	1.3 U	2.2 U	1.5 U
	3/27/02 (DUP)		2.2 U	2.3 U	**8.5**	2 U	0.91 U	**2,800**	0.96 U	1.2 U	1.2 U	1.1 U	**660**	1.3 U	0.98 U	**2,300**	1.3 U	2.2 U	1.5 U
	06/11/02		2.2 U	2.3 U	**5.5**	2 U	0.91 U	**2,000**	0.96 U	1.2 U	1.2 U	1.1 U	**600**	1.3 U	0.98 U	**2,400**	1.3 U	2.2 U	1.5 U
	6/11/02 (DUP)		2.2 U	2.3 U	**5.6**	2 U	0.91 U	**2,000**	0.96 U	1.2 U	1.2 U	1.1 U	**580**	1.3 U	0.98 U	**2,400**	1.3 U	2.2 U	1.5 U
	09/17/02		2.2 U	2.3 U	**9.4**	2 U	0.91 U	**3,500**	0.96 U	1.2 U	1.2 U	1.1 U	**720**	1.3 U	0.98 U	**1,300**	1.3 U	2.2 U	1.5 U
	12/16/02		5 U	5 U	**9.3**	20 U	5 U	**3,600**	5 U	5 U	5 U	5 U	**1,300**	5 U	5 U	**430**	5 U	5 U	20 U
	03/17/03		1.1 U	1.2 U	**5.5**	**1.5 J**	0.46 U	**2,500**	0.48 U	0.57 U	0.57 U	0.53 U	**1,200**	0.62 U	0.49 U	**460**	0.65 U	1.1 U	0.71 U
	06/10/03		2.2 U	2.3 U	**4.8 J**	2 U	0.91 U	**2,200**	0.96 U	1.2 U	1.2 U	1.1 U	**1,500**	1.3 U	0.98 U	**2,100**	1.3 U	2.2 U	1.5 U
	09/10/03		**12**	2.3 U	**4.5 J**	2 U	0.91 U	**2,400**	0.96 U	1.2 U	1.2 U	1.1 U	**3,500**	1.3 U	**1.0 JB**	**900**	1.3 U	2.2 U	1.5 U
	12/05/03		**37**	1.2 U	**4.7**	**1.3 J**	0.46 U	**2,000**	0.48 U	0.57 U	0.57 U	0.53 U	**2,100**	0.62 U	0.49 U	**1,500**	0.65 U	1.1 U	0.71 U
	03/16/04		**57**	0.91 U	**4.8**	0.78 U	0.37 U	**2,500**	0.39 U	0.46 U	0.46 U	0.42 U	**1,200**	0.5 U	0.39 U	**2,100**	0.52 U	1.2 U	0.57 U
	09/22/04		**60**	1.2 U	**4.1**	0.97 U	0.46 U	**2,300**	0.48 U	0.57 U	0.57 U	0.53 U	**1,700**	0.62 U	0.49 U	**880**	0.65 U	1.1 U	0.71 U
	04/04/05		**18**	1.2 U	**3.2**	0.97 U	0.51 U	**2,200**	0.68 U	0.58 U	0.57 U	0.68 U	**1,000**	0.7 U	0.54 U	**760**	0.65 U	1.1 U	0.71 U
	09/20/05		**38**	2.3 U	**4.4 J**	2 U	1.1 U	**2,800**	1.4 U	1.2 U	1.2 U	1.4 U	**1,500**	1.4 U	1.1 U	**390**	1.3 U	2.2 U	1.5 U
	03/14/06		**15**	1.2 U	**2.4 J**	0.97 U	0.51 U	**1,700**	0.68 U	0.58 U	0.57 U	0.68 U	**500**	0.7 U	0.54 U	**1,100**	0.65 U	1.1 U	0.71 U
	09/13/06		**54**	0.23 U	**4.2**	0.2 U	**0.15 J**	**2,600**	0.14 U	0.12 U	0.12 U	0.14 U	**1,400**	0.14 U	0.11 U	**400**	0.13 U	0.22 U	0.15 U
	04/04/07		**3.8**	1.2 U	**1.5 J**	0.97 U	0.51 U	**1,200**	0.68 U	0.58 U	0.57 U	0.68 U	**450**	0.7 U	0.54 U	**1,200**	0.65 U	1.1 U	0.71 U
	09/26/07		**39**	1.2 U	**3.0**	0.97 U	0.51 U	**1,700**	0.68 U	0.58 U	0.57 U	0.68 U	**1,100**	0.7 U	0.54 U	**470**	0.65 U	1.1 U	0.71 U
	05/01/08		**5.9**	0.33 U	**1.4**	0.58 U	0.11 U	**1,000**	**0.15 J**	0.13 U	0.19 U	**0.15 J**	**390**	0.11 U	**0.18 JB**	**850**	0.11 U	0.2 U	0.093 U
	09/30/08		**54**	1.3 U	**2.7 J**	2.3 U	0.42 U	**1,500**	0.42 U	0.5 U	0.73 U	0.45 U	**780**	0.42 U	0.48 U	**580**	0.42 U	0.78 U	0.37 U
	03/26/09		**93**	25 U	25 U	25 U	25 U	**843**	50 U	25 U	25 U	25 U	**600**	25 U	25 U	**710**	25 U	25 U	25 U
	09/29/09		**150**	5.0 U	**4.5 J**	5.0 U	5.0 U	**2,200**	10 U	5.0 U	5.0 U	5.0 U	**1,400**	5.0 U	5.0 U	**320**	5.0 U	5.0 U	5.0 U
	04/01/10		**9.4**	0.5 U	**1.0**	0.5 U	0.5 U	**260**	1.0 U	0.5 U	0.5 U	0.5 U	**170**	0.5 U	0.5 U	**400**	0.5 U	0.5 U	0.5 U
	09/28/10		**17.2**	0.5 U	0.5 U	0.5 U	0.5 U	**334**	1.0 U	0.5 U	0.5 U	0.5 U	**232**	0.5 U	0.5 U	**377**	0.5 U	0.5 U	0.5 U
	03/03/11		**8.93**	0.5 U	**0.730**	0.5 U	0.5 U	**239**	1.0 U	0.5 U	0.5 U	0.5 U	**257**	0.5 U	0.5 U	**856**	0.5 U	0.5 U	0.5 U
	06/22/11		**11.7**	0.5 U	0.5 U	0.5 U	0.5 U	**314**	1.0 U	0.5 U	0.5 U	0.5 U	**215**	0.5 U	0.5 U	**429**	0.5 U	0.5 U	0.5 U
	09/22/11		**94.6**	0.5 U	**2.33**	0.5 U	0.5 U	**747**	1.0 U	0.5 U	0.5 U	0.5 U	**461**	0.5 U	0.5 U	**128 J**	0.5 U	0.5 U	0.5 U
	9/22/11 (DUP)		**93.3**	0.5 U	**2.11**	0.5 U	0.5 U	**680**	1.0 U	0.5 U	0.5 U	0.5 U	**529**	0.5 U	0.5 U	**200 J**	0.5 U	0.5 U	0.5 U
	12/07/11		**47.5**	0.5 U	**1.35**	0.5 U	0.5 U	**478**	1.0 U	0.5 U	0.5 U	0.5 U	**409**	0.5 U	0.5 U	**461**	0.5 U	0.5 U	0.5 U
	03/07/12		**26.3**	0.500 U	**1.32**	0.500 U	0.500 U	**579**	1.00 U	0.500 U	0.500 U	0.500 U	**155**	0.500 U	0.500 U	**337**	0.500 U	0.500 U	0.500 U
	3/7/12 (DUP)		**26.2**	**0.630**	**1.37**	0.500 U	0.500 U	**589**	1.00 U	0.500 U	0.500 U	0.500 U	**164**	0.500 U	0.500 U	**332**	0.500 U	0.500 U	0.500 U
	06/26/12		**35.2**	**1.47**	**1.31**	0.500 U	0.500 U	**636**	1.00 U	0.500 U	0.500 U	0.500 U	**218**	0.500 U	0.500 U	**407**	0.500 U	0.500 U	0.500 U
	10/02/12		**100**	0.500 U	**2.71**	0.500 U	0.500 U	**961**	1.00 U	0.500 U	0.500 U	0.500 U	**217**	0.500 U	0.500 U	**47.6**	0.500 U	0.500 U	0.500 U
	12/19/12		**41.1**	**1.35**	**2.36**	0.500 U	0.500 U	**676**	1.00 U	0.500 U	0.500 U	0.500 U	**225**	0.500 U	0.500 U	**151**	0.500 U	0.500 U	0.500 U
	03/06/13		**36.1**	0.500 U	**2.01**	0.500 U	0.500 U	**901**	1.00 U	0.500 U	0.500 U	0.500 U	**131**	0.500 U	0.500 U	**64.2**	0.500 U	0.500 U	0.500 U
	06/06/13		**34.7**	0.500 U	**1.34**	0.500 U	0.500 U	**576**	1.00 U	0.500 U	0.500 U	0.500 U	**312**	0.500 U	0.500 U	**293**	0.500 U	0.500 U	0.500 U
	09/25/13		**43.8**	0.500 U	0.500 U	0.500 U	0.500 U	**78.4**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/25/14		**24.8**	0.500 U	**1.61**	0.500 U	0.500 U	**693**	1.00 U	0.500 U	0.500 U	0.500 U	**211**	0.500 U	0.500 U	**140**	0.500 U	0.500 U	0.500 U
	3/25/14 (DUP)		**24.6**	0.500 U	**1.61**	0.500 U	0.500 U	**633**	1.00 U	0.500 U	0.500 U	0.500 U	**226**	0.500 U	0.500 U	**144**	0.500 U	0.500 U	0.500 U
	09/23/14		**74.0**	0.500 U	**1.27**	0.500 U	0.500 U	**996**	1.00 U	0.500 U	0.500 U	0.500 U	**40.0**	0.500 U	0.500 U	**9.99**	0.500 U	0.500 U	0.500 U
MW-13	03/31/03		**1,100**	**260**	**320**	100 U	**2,700**	**23,000**	25 U	**2,900**	25 U	25 U	25 U	25 U	**21,000**	25 U	**1,600**	**6,900**	**260**
	05/14/03		**1,200**	**440**	**440**	**23 J**	**3,600**	**25,000**	9.6 U	**3,700**	12 U	11 U	12 U	13 U	**21,000**	11 U	**1,900**	**8,100**	**320**
	06/11/03		**1,200**	**490**	**440**	**25 J**	**3,900**	**26,000**	9.6 U	**3,600**	12 U	11 U	12 U	13 U	**20,000**	11 U	**2,300**	**9,800**	**370**
	6/11/03 (DUP)		**1,300**	**470**	**450**	**30 J**	**4,000**	**29,000**	9.6 U	**3,800**	12 U	11 U	12 U	13 U	**22,000**	11 U	**2,500**	**10,600**	**410**
	09/11/03		**1,400**	**490**	**460**	**25 J**	**4,400**	**30,000**	4.8 U	**4,100**	5.7 U	**5.5 J**	5.9 U	6.2 U	**25,000**	5.5 U	**2,400**	**10,200**	**400**
	12/04/03		**1,800**	**380**	**490**	**25 J**	**5,600**	**33,000**	4.8 U	**3,300**	5.7 U	**6.5 J**	5.9 U	6.2 U	**29,000**	5.5 U	**2,900**	**12,300**	**510**
	03/15/04		**1,700**	**310**	**490**	**26 J**	**6,200**	**38,000**	4.8 U	**2,900**	5.7 U	**7 J**	5.9 U	6.2 U	**32,000**	5.5 U	**2,900**	**14,000**	**540**
	06/10/04		**2,200**	**260**	**470**	**58 J**	**5,300**	**31,000**	9.6 U	**2,800**	12 U	11 U	12 U	13 U	**25,000**	11 U	**2,300**	**10,300**	**310**
	09/23/04		**2,100**	**380**	**370**	**25 J**	**4,500**	**22,000**	9.6 U	**2,600**	12 U	11 U	12 U	13 U	**17,000**	11 U	**2,000**	**8,900**	**320**
	04/05/05		**86**	**5.3**	**7.4**	**0.39 J**	**100**	**470**	0.14 U	**26**	0.12 U	0.14 U	0.14 U	0.14 U	**210**	**0.23 J**	**34**	**120**	**5.7**
	09/21/05		**740**	**340**	**44**	**3.2 J**	**930**	**2,900**	0.28 U	**280**	**0.5 J**	**1.4**	**0.28 J**	0.28 U	**2,900**	**0.48 J**	**620**	**2,570**	**70**
	03/15/06		**1,900**	**450**	**13**	**12 J**	**1,100**	**1,100**	54 U	**220**	2.3 U	2.8 U	2.7 U	2.8 U	**3,400**	2.6 U	**580**	**2,830**	**79**
	09/14/06		**1,900**	**860**	**65**	**10 J**	**1,300**	**5,400**	6.8 U	**150**	5.7 U	6.8 U	6.7 U	7 U	**7,100**	6.3 U	**990**	**4,900**	**130**
	04/04/07		**1,800**	**350**	**130**	**18 J**	**2,800**	**11,000**	6.8 U	**73**	5.7 U	6.8 U	6.7 U	7 U	**13,000**	6.3 U	**1,800**	**8,000**	**300**
	09/25/07		**1,500**	**480**	**89**	**8.3 J**	**1,600**	**6,700**	3.4 U	**100**	2.9 U	3.4 U	3.4 U	3.5 U	**9,800**	3.2 U	**1,400**	**6,200**	**250**
	05/02/08		**2,900**	**680**	**71**	**8.2 J**	**1,300**	**5,600**	0.84 U	**50**	1.5 U	**2.4 J**	1.3 U	0.84 U	**9,300**	**1.8 J**	**1,600**	**6,800**	**290**
	09/30/08		**1,600**	**550**	**72**	5.8 U	**1,100**	**6,800**	1.1 U	**60**	1.9 U	**1.3 J**	1.6 U	1.1 U	**7,800**	2 U	**1,500**	**6,300**	**230**
	03/25/09		**2,300**	**800**	**46**	25 U	**1,050**	**3,900**	50 U	25 U	25 U	25 U	25 U	25 U	**8,600**	25 U	**1,700**	**6,650**	**280**
	09/30/09		**300**	**1,200**	25 U	25 U	**240**	**86**	50 U	25 U	25 U	25 U	25 U	25 U	**5,000**	25 U	**1,100**	**5,000**	**110**
	03/29/10		**900**	**280**	10 U	10 U	**180**	**500**	20 U	10 U	10 U	10 U	10 U	10 U	**2,200**	10 U	**710**	**1,700**	**86**
	3/29/10 (LAB DUP)		**890**	**310**	10 U	10 U	**200**	**580**	20 U	10 U	10 U	10 U	10 U	10 U	**2,400**	10 U	**810**	**1,900**	**110**

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-13 (continued)	04/07/10		**2,700**	**480**	10 U	10 U	**480**	**1,800**	20 U	10 U	10 U	10 U	10 U	10 U	**4,600**	10 U	**2,100**	**4,200**	**540**
	04/16/10		**4,000**	**840**	**20**	10 U	**1,100**	**3,300**	20 U	10 U	10 U	10 U	10 U	10 U	**5,400**	10 U	**2,800**	**5,800**	**640**
	05/06/10		**3,100**	**640**	**11**	10 U	**820**	**1,900**	20 U	10 U	10 U	10 U	5.0 U	10 U	**6,200**	5.0 U	**2,000**	**4,900**	**340**
	06/09/10		**4,700**	**1,200**	**11**	10 U	**720**	**1,500**	20 U	10 U	10 U	10 U	5.0 U	10 U	**5,600**	**20**	**1,800**	**3,900**	**280**
	07/06/10		**6,500**	**1,400**	**9.5**	10 U	**510**	**1,300**	20 U	10 U	10 U	10 U	5.0 U	10 U	**8,300**	5.0 U	**1,700**	**3,500**	**280**
	09/30/10		**221**	**820**	10 U	**10.8**	**71.0**	**56.8**	20 U	10 U	10 U	10 U	5.0 U	10 U	**4,180**	5.0 U	**1,010**	**2,560**	**130**
	03/03/11		**533**	**435**	**1.27**	0.5 U	**97.4**	**245**	1.0 U	0.5 U	0.5 U	**0.720**	0.5 U	0.5 U	**2,870**	**1.14**	**521**	**3,320**	**143**
	06/23/11		**99.3**	**216**	0.5 U	0.84	**25.6**	**18.0**	1.0 U	0.5 U	0.5 U	**0.500**	0.5 U	**0.610 J**	**1,170**	0.5 U	**619**	**2,405**	**105**
	09/22/11		**302**	0.5 U	0.5 U	**2.39**	**47.5**	**64.7**	1.0 U	0.5 U	0.5 U	**0.680**	0.5 U	0.5 U	**4,100**	0.5 U	**1,110**	**4,480**	**143**
	12/07/11		**285**	**518**	0.5 U	**1.72**	**30.2**	**44.2**	1.0 U	0.5 U	0.5 U	**0.630**	0.5 U	0.5 U	**3,690**	**0.680**	**1,270**	**5,170**	**218**
	12/7/11 (DUP)		**270**	**521**	0.5 U	**1.83**	**30.4**	**42.0**	1.0 U	0.5 U	0.5 U	**0.630**	0.5 U	0.5 U	**3,360**	**0.700**	**1,090**	**4,820**	**212**
	03/07/12		**93.0**	**313**	0.500 U	**0.870**	**14.2**	**14.7**	1.00 U	0.500 U	0.500 U	**0.600**	0.500 U	0.500 U	**1,230**	0.500 U	**921**	**3,862**	**192**
	06/27/12		**103**	**318**	0.500 U	**0.800**	**22.7**	**19.1**	1.00 U	0.500 U	0.500 U	**0.590**	0.500 U	0.500 U	**574**	0.500 U	**606**	**2,437**	**102**
	10/02/12		**2.11**	**256**	0.500 U	0.500 U	**3.0**	**1.91**	1.00 U	0.500 U	0.500 U	**0.730**	0.500 U	0.500 U	**26.4**	0.500 U	**438**	**1,748**	**100**
	12/19/12		**1.08**	**233**	0.500 U	0.500 U	**2.4**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**94.0**	0.500 U	**464**	**1,827**	**120**
	03/07/13		**0.960 J**	**278**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	**0.860**	0.500 U	**0.770**	**19.2**	0.500 U	**648 J**	**2,628 J**	**113 J**
	06/06/13		**1.81**	**291**	0.500 U	**0.560**	**1.12**	**0.930**	1.00 U	0.500 U	0.500 U	**0.680**	0.500 U	0.500 U	**64.0**	0.500 U	**388**	**1,409**	**97.0**
	09/25/13		0.200 U	**250**	0.500 U	**0.690**	**2.50**	0.500 U	1.00 U	0.500 U	0.500 U	**0.530**	0.500 U	**0.840**	**289**	0.500 U	**611**	**2,250**	**205**
	03/26/14		0.200 U	**147**	0.500 U	0.500 U	0.500 U	**1.04**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.71**	0.500 U	**205**	**504.67**	**74.2**
	09/23/14		0.200 U	**162**	0.500 U	0.500 U	**1.07**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**40.9**	**0.549**	**475**	**1,873**	**133**
MW-14	10/30/03		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	12/04/03		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	03/16/04		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.21 J**	0.11 U	0.13 U	0.22 U	0.15 U
	06/10/04		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.10 J**	0.11 U	0.13 U	**0.31 J**	0.15 U
	09/24/04		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	04/05/05		0.22 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.28 J**	0.13 U	0.13 U	0.22 U	0.15 U
	09/21/05		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.14 J**	0.13 U	0.13 U	0.22 U	0.15 U
	03/14/06		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.12 J**	0.13 U	0.13 U	0.22 U	0.15 U
	09/13/06		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**1.3**	0.13 U	0.13 U	0.22 U	0.15 U
	04/04/07		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	09/26/07		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	05/02/08		0.071 U	0.13 U	0.1 U	0.23 U	**0.07 J**	0.045 U	0.042 U	0.05 U	0.073 U	0.045 U	0.061 U	0.042 U	**0.14 JB**	0.077 U	0.042 U	**0.18 J**	**0.05 J**
	09/30/08		0.071 U	0.13 U	0.1 U	0.23 U	**0.05 J**	0.045 U	0.042 U	0.05 U	0.073 U	0.045 U	**0.12 J**	0.042 U	**0.26 JB**	0.077 U	**0.06 J**	**0.31 J**	0.037 U
	03/23/09		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3/23/09 (DUP)		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/29/09		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/30/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/30/10		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	9/30/10 (LAB DUP)		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/04/11		0.2 UJ	**0.640**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/21/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/28/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/07/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/27/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/24/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-15	10/30/03		**0.29 J**	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	**0.14 J**	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	12/04/03		**0.35 J**	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	**0.14 J**	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	03/16/04		**0.24 J**	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	**0.14 J**	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.17 J**	0.11 U	0.13 U	0.22 U	0.15 U
	06/10/04		**0.23 J**	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	**0.22 J**	0.15 U
	09/24/04		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	**3.8**	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.15 J**	0.11 U	0.13 U	0.22 U	0.15 U
	04/05/05		0.22 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.27 J**	0.13 U	0.13 U	0.22 U	0.15 U
	09/21/05		**0.14 J**	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.19 J**	0.13 U	0.13 U	0.22 U	0.12 U
	03/14/06		0.042 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.11 J**	0.13 U	0.13 U	0.22 U	0.12 U
	09/13/06		**0.20 J**	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	04/04/07		**0.12 J**	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	09/26/07		**0.1 J**	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	05/02/08		**0.11 J**	0.13 U	0.1 U	0.23 U	**0.06 J**	0.045 U	0.042 U	0.05 U	0.073 U	0.045 U	0.061 U	0.042 U	**0.07 JB**	0.077 U	0.042 U	0.078 U	0.037 U
	09/29/08		**0.13 J**	0.13 U	0.1 U	0.23 U	**0.06 J**	0.045 U	0.042 U	0.05 U	0.073 U	0.045 U	**0.09 J**	0.042 U	**0.18 JB**	0.077 U	0.042 U	**0.10 J**	0.037 U
	03/26/09		**1.0**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/29/09		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/30/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3/30/10 (DUP)		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-15 (continued)	09/30/10		0.2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/07/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3/7/11 (LAB DUP)		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/21/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/06/12		**0.240**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	10/01/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
	03/07/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/27/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/24/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 UJ	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-16	10/30/03		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	**0.27 J**	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	12/05/03		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	03/16/04		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.12 J**	0.11 U	0.13 U	0.22 U	0.15 U
	06/10/04		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.15 J**	0.11 U	0.13 U	0.22 U	0.15 U
	09/23/04		0.22 U	0.23 U	0.12 U	0.2 U	0.091 U	0.12 U	**0.1 J**	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U
	04/05/05		0.22 U	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.34 J**	0.13 U	0.13 U	0.22 U	0.15 U
	09/21/05		**0.12 J**	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	**0.21 J**	**0.33 J**	**0.16 J**
	03/15/06		**0.28 J**	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.18 J**	0.13 U	0.13 U	0.22 U	0.15 U
	09/13/06		**0.28 J**	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	**0.45 J**	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	04/05/07		**0.26 J**	0.23 U	0.13 U	0.2 U	**0.14 J**	0.12 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	09/26/07		**0.26 J**	0.23 U	0.13 U	0.2 U	0.11 U	0.12 U	**0.41 J**	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	0.22 U	0.15 U
	05/02/08		**0.55**	0.13 U	0.1 U	0.23 U	**0.16 J**	0.045 U	0.042 U	0.5 U	0.073 U	0.045 U	0.06 U	0.042 U	**0.10 JB**	0.077 U	0.042 U	0.078 U	0.037 U
	10/01/08		**0.61**	0.13 U	0.1 U	0.23 U	**0.18 J**	0.045 U	0.042 U	0.5 U	0.073 U	0.045 U	**0.10 J**	0.042 U	**0.24 JB**	0.077 U	**0.05 J**	**0.14 J**	0.037 U
	03/25/09		**1.2**	0.5 U	**1.2**	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	**1.3**	**1.1**	0.5 U	**1.2**	0.5 U	0.5 U	0.5 U	0.5 U
	09/30/09		**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	9/30/09 (DUP)		**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	04/02/10		**0.9**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.6**	0.5 U	**2.6**	**7.9**	**0.9**
	10/01/10		0.2 UJ	0.5 U	0.5 U	0.5 U	**0.42 J**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	10/1/10 (DUP)		**0.66 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/07/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	09/26/11		**0.650**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/08/12		**0.520**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	10/01/12		**0.510**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
	03/08/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
	09/27/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	03/27/14		**0.700**	0.500 U	0.500 U	0.500 U	**0.880**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	09/25/14		0.200 U	0.500 U	0.500 U	0.500 U	**0.568**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-17	10/30/03		**9.1**	**190**	0.24 U	**1.5 J**	**4.3**	**2.8**	**0.34 J**	0.23 U	**2.1**	**15**	0.24 U	0.25 U	**5.8**	0.22 U	**260**	**1,616**	**22**
	12/04/03		**0.54 J**	**140**	0.24 U	**0.68 J**	**4.1**	0.24 U	0.2 U	0.23 U	**1.4**	**11**	0.24 U	0.25 U	**5.8**	0.22 U	**180**	**1,412**	**17**
	03/15/04		**57**	**230**	0.12 U	**2.7**	**5.3**	**13**	**0.34 J**	0.12 U	**2.5**	**21**	0.12 U	0.13 U	**9.6**	0.11 U	**170**	**1,428**	**29**
	06/10/04		**0.93**	**180**	0.12 U	**1.4 J**	**4.1**	**0.32 J**	0.096 U	0.12 U	**1.9**	**14**	0.12 U	0.13 U	**5.4**	0.11 U	**190**	**2,114**	**22**
	09/23/04		1.1 U	**170**	0.6 U	**1.8 J**	**3.6**	0.58 U	0.48 U	0.57 U	**1.8 J**	**12**	0.59 U	0.62 U	**4.1**	0.55 U	**220**	**1,616**	**21**
	9/23/04 (DUP)		1.1 U	**180**	0.6 U	**1.8 J**	**3.7**	0.58 U	0.48 U	0.57 U	**2.0 J**	**13**	0.59 U	0.62 U	**4.2**	0.55 U	**230**	**1,617**	**22**
	04/05/05		0.53 U	**140**	0.31 U	**0.95 J**	**2.9**	0.29 U	0.34 U	0.29 U	**1.4**	**11**	0.34 U	0.35 U	**4.6**	0.32 U	**120**	**1,200**	**16**
	09/21/05		**0.24 J**	**180**	0.13 U	**0.84 J**	**3.4**	**0.12 J**	0.14 U	0.12 U	**1.5**	**13**	0.14 U	0.14 U	**4.9**	0.13 U	**150**	**1,413**	**26**
	03/15/06		**0.55 J**	**280**	0.61 U	**1.7 J**	**4.1**	0.58 U	2.5 U	0.58 U	**2.6**	**19**	0.67 U	0.70 U	**3.1**	0.63 U	**200 J**	**1,614 J**	**22 J**
	09/12/06		**10**	**170**	0.13 U	**0.78 J**	**3.2**	**2.1**	0.14 U	0.12 U	**1.4**	**12**	0.14 U	0.14 U	**1.4**	0.13 U	**63**	**448**	**9.6**
	04/04/07		**2.3**	**230**	0.31 U	**1.4 J**	**2.9**	**0.7 J**	0.34 U	0.29 U	**2.6**	**20**	0.34 U	0.35 U	**2.1**	0.32 U	**75**	**1,013**	**23**
	09/24/07		**0.13 J**	**150**	0.31 U	**0.99 J**	**2.7**	0.12 U	0.14 U	0.12 U	**2.2**	**14**	0.14 U	0.14 U	**0.93**	0.13 U	**8.1**	**377**	**19**
	05/01/08		**0.10 J**	**77**	0.1 U	**0.33 J**	**2.7**	**0.05 J**	0.042 U	0.05 U	1.1 U	**7.9**	**0.08 J**	0.042 U	**1.4**	0.077 U	**50**	**206**	**12**
	09/29/08		**0.11 J**	**170**	0.1 U	**1 J**	**2.6**	**0.07 J**	0.042 U	0.05 U	**2.0**	**16**	**0.08 J**	0.042 U	**1.0**	0.077 U	**0.91**	**337**	**18**
	03/24/09		**1.0**	**140**	0.5 U	0.5 U	**2.8**	0.5 U	1.0 U	0.5 U	0.5 U	**14**	0.5 U	0.5 U	**1.0**	0.5 U	**270**	**350**	**20**
	09/30/09		**20**	**990**	10 U	10 U	**9.6 J**	10 U	20 U	10 U	10 U	**54**	10 U	10 U	**2.8 J**	10 U	10 U	**580**	**24**
	03/30/10		**0.2**	**110**	0.5 U	0.5 U	**1.7**	0.5 U	1.0 U	0.5 U	**1.3**	**9.0**	0.5 U	0.5 U	**0.5**	0.5 U	**0.5**	**75**	**7.7**
	10/01/10		0.2 UJ	**54.6**	0.5 U	**0.57 J**	**1.79**	0.5 U	1.0 U	0.5 U	0.5 U	**5.84**	0.5 U	0.5 U	**0.76**	0.5 U	**0.55**	**68.7**	**8.82**
	03/07/11		0.2 U	**61.7**	0.5 U	0.5 U	**2.00**	0.5 U	1.0 U	0.5 U	**1.67**	**8.85**	0.5 U	0.5 U	**0.950**	0.5 U	**2.10**	**60.2**	**10.5**
	06/23/11		**0.420**	**240**	0.5 U	**1.13**	**1.63**	0.5 U	1.0 U	0.5 U	**2.56**	**18.5**	0.5 U	0.5 UJ	**1.20**	0.5 U	**4.50**	**34.2**	1.0 U
	09/23/11		**0.460**	0.5 U	0.5 U	**1.84**	**1.91**	0.5 U	1.0 U	0.5 U	**3.19**	**22.2**	0.5 U	0.5 U	**1.63**	0.5 U	**9.81**	**80.7**	**12.9**
	03/08/12		0.200 U	**421**	0.500 U	**2.69**	**1.67**	0.500 U	1.00 U	0.500 U	**3.23**	**22.9**	0.500 U	0.500 U	**0.810**	0.500 U	**0.690**	**22.8**	**12.8**
	06/27/12		0.200 U	**319**	0.500 U	**1.39**	**1.95**	0.500 U	1.00 U	0.500 U	**3.02**	**20.0**	0.500 U	0.500 U	**0.730**	0.500 U	**0.540**	**12.0**	**11.1**
	10/01/12		0.200 U	**574**	0.500 U	**2.26**	**2.11**	0.500 U	1.00 U	0.500 U	0.500 U	**27.9**	0.500 U	0.500 U	**0.910**	0.500 UJ	**1.02**	**19.3**	**17.8**
	12/19/12		0.200 U	**331**	0.500 U	0.500 U	**1.86**	0.500 U	1.00 U	0.500 U	0.500 U	**19.6**	0.500 U	0.500 U	**0.940**	0.500 U	**0.710**	**17.2**	**14.9**
	03/07/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.710**	**17.2**	0.5 U
	06/06/13		0.200 U	**552**	0.500 U	**2.55**	**1.69**	0.500 U	1.00 U	0.500 U	0.500 U	**24.5**	0.500 U	0.500 U	**0.770**	0.500 U	0.500 U	**17.97**	**13.2**

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-17 (continued)	09/26/13		0.200 U	**484**	0.500 U	**3.26**	**1.76**	0.500 U	1.00 U	0.500 U	**3.91**	**28.8**	0.500 U	0.500 U	**0.790**	0.500 U	0.500 U	**17.28**	**21.5**
	03/26/14		0.200 U	**175**	0.500 U	0.500 U	**1.01**	0.500 U	1.00 U	0.500 U	**1.59**	**9.71**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**7.80**	**10.6**
	09/25/14		0.200 U	**202**	0.500 U	0.500 U	**1.63**	0.500 U	1.00 U	0.500 U	0.500 U	**14.3**	0.500 U	0.500 U	**0.656**	0.500 U	0.500 U	**10.74**	**24.7**
MW-18	10/30/03		**7,900**	**14**	**6.2 J**	3.9 U	**12**	**5,400**	2 U	2.3 U	2.3 U	2.1 U	2.4 U	2.5 U	**120**	2.2 U	**14**	**93**	2.9 U
	12/04/03		**4,700**	**23**	**3.7 J**	2 U	**15**	**3,500**	0.96 U	1.2 U	1.2 U	**1.6 J**	1.2 U	1.3 U	**71**	1.1 U	**9**	**50**	1.5 U
	12/4/03 (DUP)		**5,400**	**20**	**3.7 J**	2 U	**14**	**3,700**	0.96 U	1.2 U	1.2 U	**1.6 J**	1.2 U	1.3 U	**68**	1.1 U	**8.5**	**48**	1.5 U
	03/16/04		**23**	**1.8**	0.12 U	0.2 U	**4.9**	**16**	0.096 U	0.12 U	0.12 U	**0.17 J**	0.12 U	0.13 U	**1.4**	0.11 U	**1.7**	**6.4**	**0.28 J**
	06/10/04		**6.6**	**0.91**	0.12 U	0.2 U	**2.7**	**5**	0.096 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U	**0.42 J**	0.11 U	**0.83**	**3.6**	0.15 U
	09/23/04		**4.4**	**1.2**	0.12 U	0.2 U	**2.4**	**4.5**	0.096 U	0.12 U	0.12 U	0.11 U	**0.13 J**	0.13 U	**0.24 J**	**0.16 J**	**0.86**	**3.6**	0.15 U
	04/05/05		**5.1**	**1.4**	0.13 U	0.2 U	**1.8**	**7.2**	0.14 U	0.12 U	0.12 U	0.14 U	**0.44 J**	0.14 U	**0.33 J**	0.13 U	**0.49 J**	**1.4**	0.15 U
	4/5/05 (DUP)		**4.3**	**1.3**	0.13 U	0.2 U	**1.7**	**6**	0.14 U	0.12 U	0.12 U	0.14 U	**0.37 J**	0.14 U	**0.65**	0.13 U	**0.46 J**	**1.3**	0.15 U
	09/20/05		**5.3**	0.23 U	0.13 U	0.2 U	**0.37 J**	**62**	**0.36 J**	0.12 U	0.12 U	0.14 U	**2.1**	0.14 U	**0.35 J**	**2.2**	0.13 U	0.22 U	0.15 U
	03/15/06		**0.85**	**0.66**	0.13 U	0.2 U	**0.92**	**0.6**	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.18 J**	0.13 U	0.13 U	**1.12**	0.15 U
	09/12/06		**1.3**	**1.0**	0.13 U	0.2 U	**0.48 J**	**0.77**	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	**0.8 J**	0.15 U
	04/03/07		**0.36 J**	0.23 U	0.13 U	0.2 U	**0.31 J**	**0.36 J**	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	**0.15 J**	0.13 U	0.13 U	**0.71 J**	0.15 U
	09/24/07		**0.55**	**0.46 J**	0.13 U	0.2 U	**0.21 J**	**0.52**	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	0.13 U	0.13 U	**0.93 J**	0.15 U
	05/01/08		**0.34 J**	**0.25 J**	0.1 U	0.23 U	**0.27 J**	**0.36 J**	0.042 U	0.05 U	0.073 U	**0.07 J**	0.061 U	0.042 U	**0.25 J**	0.077 U	0.042 U	**0.79 J**	**0.10 J**
	10/01/08		**0.42 J**	**0.85**	0.1 U	0.23 U	**0.26 J**	**0.49 J**	0.042 U	0.05 U	0.073 U	**0.06**	**0.14 J**	0.042 U	**0.61 B**	**0.09 J**	**0.06 J**	**1.03 J**	**0.04 J**
	03/24/09		**1.1**	**3.0**	0.5 U	0.5 U	**2.5**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	**1.2**	0.5 U
	09/30/09		**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/30/10		**0.09 J**	**4.5**	0.5 U	0.5 U	**1.1**	**0.2 J**	1.0 U	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	0.5 U
	09/28/10		**5.33**	**1.39**	0.5 U	0.5 U	**0.34 J**	**4.40**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.26 J**	0.5 U	0.5 U	**0.62**	0.5 U
	03/04/11		0.2 U	**2.77**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.29**	0.5 U
	3/4/11 (LAB DUP)		0.2 U	**3.21**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.42**	0.5 U
	06/23/11		**0.590**	**0.99**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	**1.37**	0.5 U
	09/22/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	03/07/12		**115**	**1.95**	0.500 U	0.500 U	**0.56**	**213**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.86**	0.500 U	0.500 U	**0.770**	0.500 U
	06/27/12		**5.34**	**1.81**	0.500 U	0.500 U	0.500 U	**4.48**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.08**	0.500 U	**0.550**	**1.090**	0.500 U
	10/01/12		**22.7**	0.500 U	0.500 U	0.500 U	0.500 U	**14.8**	1.00 U	0.500 U	0.500 U	0.500 U	**1.13**	0.500 U	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
	12/19/12		**1.08**	**1.58**	0.500 U	0.500 U	0.500 U	**0.91**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.810**	0.500 U
	12/19/12 (DUP)		**0.95**	**1.70**	0.500 U	0.500 U	0.500 U	**1.25**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.840**	0.500 U
	03/05/13		**0.590 J**	**0.570**	0.500 U	0.500 U	0.500 U	**0.690**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.930**	**0.790**	0.500 U
	06/06/13		**1.20**	**1.42**	0.500 U	0.500 U	0.500 U	**0.900**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.520**	0.500 U
	09/26/13		0.200 U	**2.85**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.500**	0.500 U
	03/26/14		0.200 U	**1.34**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.970**	**0.504**
	09/24/14		0.200 U	**1.46**	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-19	02/20/04		**3**	**11**	0.12 U	**0.23 J**	**11**	**0.51**	0.096 U	0.12 U	0.12 U	**3.1 J**	0.12 U	0.13 U	**180**	0.11 U	**13**	**73**	**1.3 J**
	03/16/04		**12**	**5.8**	0.12 U	0.2 U	**9.2**	**0.32 J**	0.096 U	0.12 U	0.12 U	**3.0**	0.12 U	0.13 U	**110**	0.11 U	**9.5**	**42**	**0.9 J**
	3/16/04 (DUP)		**12**	**6.1**	0.12 U	0.2 U	**9.6**	**0.39 J**	0.096 U	0.12 U	0.12 U	**3.0**	0.12 U	0.13 U	**99**	0.11 U	**10**	**44**	**1.0 J**
	06/10/04		**42**	0.23 U	0.12 U	0.2 U	**1.4**	**2.7**	0.096 U	0.12 U	0.12 U	**1.6**	0.12 U	0.13 U	**1.3**	0.11 U	**0.47 J**	**2.06**	0.15 U
	09/23/04		**38**	**2.7**	0.12 U	0.2 U	**3.4**	**4.1**	0.096 U	0.12 U	0.12 U	**1.2**	0.12 U	0.13 U	**17**	0.11 U	**2.4**	**10.4**	**0.19 J**
	04/05/05		**44**	**0.28 J**	0.13 U	0.2 U	**1.9**	**11**	0.14 U	0.12 U	0.12 U	**1.2**	0.14 U	0.14 U	**1.2**	0.13 U	**0.27 J**	**0.49 J**	0.15 U
	09/21/05		**47**	**1.2**	**0.79**	0.2 U	**2.2**	**74**	0.14 U	0.12 U	0.12 U	**1.4**	**1.3**	0.14 U	**1.1**	0.13 U	**2.4**	**6.9**	**0.47 J**
	03/15/06		**30**	**0.34 J**	0.13 U	0.2 U	**1.6**	**9.7**	0.14 U	0.12 U	0.12 U	**1.1**	**1.1**	0.14 U	**0.55**	0.13 U	**0.39 J**	**1.92**	0.15 U
	09/12/06		**20**	**4.5**	0.13 U	0.2 U	**2.6**	**18**	0.14 U	0.12 U	0.12 U	**1.4**	0.14 U	0.14 U	**1.1**	0.13 U	**7.9**	**18.2**	**1.1 J**
	04/03/07		**72**	**0.90**	0.13 U	0.2 U	**2.0**	**39**	0.14 U	0.12 U	0.12 U	**1.1**	0.14 U	0.14 U	**0.58**	0.13 U	**1.4**	**12.6**	**0.71 J**
	09/24/07		**37**	**0.92**	0.13 U	0.2 U	**1.1**	**3.9**	0.14 U	0.12 U	0.12 U	**0.9**	0.14 U	0.14 U	**0.62 J**	0.13 U	**0.97**	**11.5**	**0.84 J**
	05/02/08		**1.6**	**1.6**	0.1 U	0.23 U	**1.9**	**0.18 J**	0.042 U	0.05 U	0.073 U	**1.0**	0.061 U	0.042 U	**0.59 B**	0.077 U	**0.58**	**21.4**	**1.8 J**
	10/01/08		**75**	**0.96**	0.1 U	0.23 U	**0.84**	**30**	0.042 U	0.05 U	0.073 U	**0.77**	**0.10 J**	0.042 U	**0.44 JB**	0.077 U	**0.1 J**	**4.17**	**0.49 J**
	03/23/09		**2.3**	0.50 U	0.5 U	0.5 U	**0.8**	0.5	1.0 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.5**	0.5 U
	09/29/09		**18**	**3.2**	0.5 U	0.5 U	**2.4**	**2.3**	1.0 U	0.5 U	0.5 U	**0.9**	0.5 U	0.5 U	0.5 U	0.5 U	**3.0**	**4.1**	0.5 U
	03/30/10		**5.0**	**2.4**	0.5 U	0.5 U	**0.8**	**1.1**	1.0 U	0.5 U	0.5 U	**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.2**	0.5 U
	3/30/10 (LAB DUP)		**4.4**	**2.4**	0.5 U	0.5 U	**0.9**	**1.2**	1.0 U	0.5 U	0.5 U	**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.6**	0.5 U
	09/28/10		**97.2**	**10.4**	0.5 U	0.5 U	**1.06**	**24.0**	1.0 U	0.5 U	0.5 U	**0.93**	0.5 U	0.5 U	**6.43**	0.5 U	**2.08**	**8.11**	**2.00**
	03/07/11		**64.8**	**2.33**	0.5 U	0.5 U	0.5 U	**99.0**	1.0 U	0.5 U	0.5 U	**0.890**	0.5 U	0.5 U	**7.30**	0.5 U	**9.55**	**31.6**	**3.37**
	09/21/11		**633**	**6.56**	**3.26**	0.5 U	**2.71**	**1,330**	1.0 U	0.5 U	0.5 U	**1.01**	0.5 U	0.5 U	**16.8**	0.5 U	**6.29**	**13.27**	**1.96**
	12/07/11		**1,360**	**16.0**	**1.06**	0.5 U	**4.99**	**833**	1.0 U	0.5 U	0.5 U	**1.22**	0.5 U	0.5 U	**54.2**	0.5 U	**17.9**	**53.5**	**5.02**
	03/08/12		**572**	**11.1**	0.500 U	0.500 U	**4.70**	**324**	1.00 U	0.500 U	0.500 U	**1.42**	0.500 U	0.500 U	**64.3**	0.500 U	**30.5**	**85.2**	**6.48**
	06/27/12		**118**	0.500 U	0.500 U	0.500 U	**0.73**	**116**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**0.85**	0.500 U	**1.26**	**3.11**	0.500 U
	09/28/12		**81**	**0.76**	0.500 U	0.500 U	**1.45**	**73.0 J**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.14**	0.500 U	**2.42**	**4.73**	0.500 U
	12/19/12		**342**	**2.97**	0.500 U	0.500 U	**1.80**	**128**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**3.02**	0.500 U	**3.76**	**4.83**	**1.11**
	03/05/13		**1,420**	0.500 U	**4.33**	**0.750**	**10.4**	**1,890**	1.00 U	0.500 U	0.500 U	**2.31**	0.500 U	0.500 U	**54.3**	0.500 U	**43.0**	**93.1**	**8.80**
	06/06/13		**2,240 J**	**43.6**	**3.58**	0.500 U	**6.35 J**	**2,560 J**	1.00 U	0.500 U	0.500 U	**1.95**	0.500 U	0.500 U	**63.3**	0.500 U	**45.8**	**85.3**	**9.91**
	6/6/13 (DUP)		**3,620 J**	**59.0**	**4.68**	**0.570**	**8.65 J**	**4,300 J**	1.00 U	0.500 U	0.500 U	**2.46**	0.500 U	0.500 U	**75.8**	0.500 U	**52.5**	**97.2**	**11.3**

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		LNAPL	LNAPL	3,350,000	20,000,000	5,100,000	3,500,000	8,200,000	720,000	8,690,000	0.8	1,100,000		1,000	200,000	LNAPL	LNAPL	LNAPL
	Final Cleanup Levels		0.5	15	7.0	5.0	800	70	7.2	200	0.5	0.8	4.0	0.64	1,000	0.86	700	1,600	400
MW-19 (continued)	09/25/13		664	20.9	0.500 U	0.500 U	4.88	285	1.00 U	0.500 U	0.500 U	1.41	0.500 U	0.500 U	42.3	0.500 U	36.8	66.8	10.3
	03/27/14		4.63	0.850	0.500 U	0.500 U	0.500 U	1.79	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.91	0.500 U	3.28	6.81	1.05
	3/27/14 (DUP)		4.87	0.880	0.500 U	0.500 U	0.960	1.86	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.92	0.500 U	3.37	6.97	1.03
	09/25/14		0.200 U	5.47	0.500 U	0.500 U	2.17	0.62	1.00 U	0.500 U	0.500 U	0.688	0.500 U	0.500 U	0.648	0.500 U	9.91	35.82	11.2
MW-20	07/28/05		0.5 U	140	0.5 U	2 U	1.6	0.5	0.5 U	0.5 U	0.5 U	18	0.5 U	0.5 U	1.7	0.5 U	4.3	124	2 U
	09/20/05		0.14 J	130	0.13 U	0.57 J	0.39 J	0.14 U	0.14 U	0.12 U	0.12 U	16	0.14 U	0.14 U	1.5	0.13 U	1.4	92	1.1 J
	9/20/05 (DUP)		0.16 J	130	0.13 U	0.57 J	0.35 J	0.15 J	0.14 U	0.12 U	0.12 U	16	0.14 U	0.14 U	1.4	0.13 U	1.5	91.9	1.0 J
	03/15/06		0.23 J	140	0.13 U	0.86 J	1.7 J	0.12 J	0.14 U	0.12 U	0.12 U	16	0.14 U	0.14 U	1.5	0.13 U	3.0	144	0.87 J
	09/12/06		0.22 J	140	0.13 U	0.56 J	0.12 J	0.15 J	0.14 U	0.12 U	0.12 U	15	0.14 U	0.14 U	0.86	0.13 U	0.17 J	35	0.44 J
	04/05/07		0.21 J	88	0.13 U	0.74 J	0.93 J	0.15 J	0.14 U	0.12 U	0.12 U	15	0.14 U	0.14 U	1.6	0.13 U	0.57	114	1.2 J
	09/26/07		0.13 J	85	0.13 U	0.46 J	0.11 U	0.12 J	0.14 U	0.12 U	0.12 U	13	0.14 U	0.14 U	1.2	0.13 U	0.22 J	22.7	0.96 J
	05/02/08		0.14 J	76	0.1 U	0.46 J	0.19 J	0.16 J	0.042 U	0.05 U	0.34 U	11	0.07 J	0.042 U	0.93	0.077 U	0.26 J	71	0.81 J
	5/2/08 (DUP)		0.15 J	72	0.1 U	0.46 J	0.18 J	0.11 J	0.042 U	0.05 U	0.34 U	12	0.061 U	0.042 U	1.0	0.077 U	0.29 J	75.2	0.85 J
	09/29/08		0.13 J	110	0.1 U	0.53 J	0.04 U	0.13 J	0.042 U	0.05 U	0.073 U	15	0.061 U	0.042 U	1.2	0.077 U	0.17 J	8.9	0.47
	03/23/09		1.0	89	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	13	0.5 U	0.5 U	1.3	0.5 U	65	86	0.5 U
	09/30/09		0.31 J	190	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	14	0.5 U	0.5 U	0.7	0.5 U	1.3	4.0	0.5 U
	03/29/10		0.2	140	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	18 J	0.5 U	0.5 U	1.0	0.5 U	0.5 U	7.1	0.5 U
	10/01/10		0.12 J	195	0.5 U	0.73 J	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	15.2	0.5 U	0.5 U	0.94	0.5 U	0.5 U	4.26	1.27
	03/02/11		0.2 U	75.5	0.5 U	0.5 U	0.5 U	1.38	1.0 U	0.5 U	0.5 U	12.8	0.5 U	0.5 U	1.58	0.5 U	0.5 U	17.7	1.05
	09/26/11		0.2 U	161	0.5 U	0.620	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	13.9	0.5 U	0.5 U	0.930	0.5 U	0.5 U	4.33	0.890
	03/08/12		0.200 U	71.6	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	10.9	0.500 U	0.500 U	0.880	0.500 U	0.500 U	4.69	0.600
	10/01/12		0.200 U	161	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	14.8	0.500 U	0.500 U	0.950	0.500 UJ	0.500 U	5.10	1.26
	03/08/13		0.200 U	4.40	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.890	0.790	0.5 U
	06/06/13		0.200 U	100	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	10.3	0.500 U	0.500 U	0.530	0.500 U	0.500 U	3.28	0.500 U
	09/27/13		0.200 U	122	0.500 U	0.670	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	16.0	0.500 U	0.500 U	1.06	0.500 U	0.500 U	5.51	1.10
	03/27/14		0.200 U	92.0	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	11.7	0.500 U	0.500 U	0.830	0.500 U	0.500 U	5.00	1.15
	09/25/14		0.200 U	127	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	11.7	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-21	09/14/06		1,500	210	71	15 J	1,700	8,400	6.8 U	1,200	5.7 U	6.8 U	190	7 U	9,300	160	1,700	8,100	210
	9/14/06 (DUP)		1,400	210	63	15 J	1,600	8,500	6.8 U	1,000	5.7 U	6.8 U	160	7 U	9,300	140	1,600	7,400	200
	04/04/07		1,500	140	57	12	2,200	8,400	0.8 J	470	0.5 J	1.3 J	16	0.35 U	11,000	2.5	1,900	7,600	260
	09/25/07		3,100	230	42	15 J	2,400	5,900	3.4 U	100	2.9 U	3.4 U	3.4 U	3.5 U	7,400	3 U	1,500	6,300	220
	05/02/08		3,800	440	32	9 J	2,200	4,000	0.84 U	59	1.5 U	1.6 J	1.3 U	0.84 U	7,000	2 U	1,400	6,100	190
	09/30/08		2,600	1,000	15	10 J	780	2,500	1.1 U	9 J	1.9 U	1.2 U	1.6 U	1.1 U	6,100	2 U	1,700	7,200	220
	03/25/09		1,900	1,600	9.5	25 U	700	1,200	50 U	8.5 J	25 U	12	7.5	25 U	5,800	25 U	1,800	7,500	240
	09/30/09		8,200	2,600	25	10 U	10 U	4,100	20 U	37	10 U	10 U	10 U	10 U	6,200	10 U	2,100	8,100	280
	03/26/10		350	400	10 U	0.5 U	10 U	280	1.0 U	8.8 J	0.5 U	18	0.5 U	0.5 U	2,400	0.5 U	740	1,800	58
	04/16/10		2,100	1,400	19	10 U	810	3,800	20 U	70	10 U	10 U	10 U	10 U	4,700	10 U	1,600	3,800	190
	05/06/10		490	1,200	5.0 U	10 U	220	370	20 U	34	10 U	10 U	5.0 U	10 U	5,400	5.0 U	1,900	4,600	190
	5/6/10 (DUP)		520	1,200	5.0 U	10 U	210	380	20 U	34	10 U	10 U	5.0 U	10 U	5,400	5.0 U	1,800	4,600	180
	06/09/10		150	1,000	5.0 U	10 U	110	67	20 U	16	10 U	10 U	5.0 U	10 U	3,200	5.0 U	540	1,400	49
	07/06/10		210	1,600	5.0 U	10 U	90	42	20 U	13	10 U	10 U	5.0 U	10 U	5,500	5.0 U	640	1,600	98
	7/6/10 (LAB DUP)		170	1,500	5.0 U	10 U	80	34	20 U	11	10 U	10 U	5.0 U	10 U	5,000	5.0 U	670	1,500	76
	09/30/10		243	1,120	5.0 U	11.0	90.6	131	20 U	10 U	10 U	10 U	5.0 U	10 U	4,890	5.0 U	1,120	2,880	142
	03/02/11		1,030	1,130	9.28	4.61	288	3,330	1.0 U	34.7	0.5 U	0.750	2.11	0.5 U	4,630 J	1.92	1,045	4,250	174
	3/2/11 (DUP)		875	921	9.09	4.93	295	2,820	1.0 U	35.5	0.5 U	0.820	1.95	0.5 U	3,830	1.81	899	3,640	175
	3/2/11 (LAB DUP)		912	869	9.12	4.73	286	2,760	1.0 U	34.3	0.5 U	0.780	1.97	0.5 U	3,760	1.85	873	3,560	177
	06/23/11		1,290	921	9.72	3.04	219	2,560	1.0 U	51.2	0.5 U	0.790	1.44	1.15 J	3,630	0.780	983	3,720	171
	6/23/11 (DUP)		1,350	983	9.83	3.06	243	2,630	1.0 U	48.9	0.5 U	0.800	1.38	0.5 UJ	3,760	0.630	1,050	4,020	200
	09/22/11		1,010	0.5 U	2.72	4.92	112	842	1.0 U	5.26	0.5 U	0.790	0.940	0.5 U	6,060	0.740	926	3,822	134
	12/07/11		1,460	1,190	5.62	3.82	115	1,890	1.0 U	8.73	0.5 U	0.770	1.15	0.5 U	6,720	1.12	1,350	5,520	185
	03/08/12		801	913	2.44	2.91	70.6	979	1.00 U	4.64	0.500 U	0.660	0.710	0.500 U	5,250	1.02	1,050	4,430	128
	06/26/12		1,040 J	962	5.01	2.24	96.0	2,000	1.00 U	7.19	0.500 U	0.810	0.940	0.500 U	5,940	1.86	1,460	5,930	158
	10/02/12		1,610	1,170	4.27	2.76	73.5	1,530	1.00 U	4.37	0.500 U	0.970	1.59	0.500 U	6,710	1.19	1,560	6,540	156
	10/2/12 (DUP)		1,590	1,130	4.26	2.68	76.0	1,500	1.00 U	4.04	0.500 U	0.960	0.810	0.500 U	6,280	1.07	1,540	6,340	154
	12/20/12		1,210	825	3.17	1.35	76.0	1,070	1.00 U	0.500 U	0.500 U	0.880	0.500 U	0.500 U	5,600	0.86	1,490	6,200	154
	03/06/13		1,120	615	2.85	2.27	72.5	1,240	1.00 U	1.42	0.500 U	0.530	1.26	0.500 U	4,360	1.55	1,470	6,450	82.0
	06/06/13		663	928	0.500 U	2.27	89.0	988	1.00 U	2.81	0.500 U	0.810	0.500	0.500 U	4,520	1.17	1,290	5,310	121
	09/25/13		666	579	1.80	1.99	82.6	712	1.00 U	3.02	0.500 U	0.770	0.500 U	0.500 U	5,290	0.500 U	2,060	8,710	297
	03/26/14		449	615	0.500 U	0.880	58.9	227	1.00 U	0.500 U	0.500 U	0.810	0.500 U	0.500 U	2,650	1.17	1,380	5,840	237
	09/24/14		184 J	477 J	0.500 U	1.36 J	60.0 J	57.9 J	1.00 UJ	0.500 U	0.500 U	0.810 J	0.500 U	2.29 J	1,480 J	0.500 U	1,670 J	7,900 J	317 J
MW-22	09/14/06		2,600	1,700	14 J	9.7 U	1,500	1,900	6.8 U	5.8 U	5.7 U	6.8 U	6.7 U	7 U	7,700	6.3 U	1,300	5,900	130
	04/04/07		4,800	610	22 J	9.7 U	3,700	3,300	6.8 U	5.8 U	5.7 U	6.8 U	6.7 U	7 U	17,000	6.3 U	2,300	9,900	330
	4/4/07 (DUP)		4,600	610	22 J	9.7 U	3,600	3,100	6.8 U	5.8 U	5.7 U	6.8 U	6.7 U	7 U	17,000	6.3 U	2,300	9,900	330

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-22 (continued)	09/26/07		**1,100**	**1,800**	**18**	**2.2 J**	**370**	**1,600**	1.4 U	**8.2**	1.2 U	**3 J**	1.4 U	5 U	**4,000**	1.3 U	**920**	**3,650**	**130**
	05/02/08		**1,400**	**2,100**	**7.2 J**	**7.6 J**	**780**	**540**	0.84 U	1 U	1.5 U	**3.6 J**	1.3 U	0.84 U	**7,000**	1.6 U	**1,400**	**5,800**	**200**
	10/01/08		**30**	**1,100**	0.5 U	**1.5 J**	**12**	**7.9**	0.21 U	0.25 U	**0.85 J**	**1.6 J**	0.31 U	0.21 U	**38**	0.39 U	**610**	**2,170**	**52**
	10/1/08 (DUP)		**27**	**1,100**	1 U	2.3 U	**12**	**6.9**	0.42 U	0.5 U	**1.0 J**	**1.7**	0.61 U	0.42 U	**34**	0.77 U	**650**	**2,290**	**61**
	03/25/09		**160**	**1,400**	0.5 U	0.5 U	**72**	**11**	1.0 U	0.5 U	0.5 U	**19**	0.5 U	0.5 U	**1,600**	0.5 U	**960**	**3,700**	**140**
	09/30/09		**960**	**1,100**	25 U	25 U	**17 J**	**17 J**	50 U	25 U	25 U	25 U	25 U	25 U	**170**	25 U	**730**	**3,100**	**39**
	03/29/10		**7.4**	**480**	0.5 U	10 U	**24**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**840**	25 U	**650**	**1,500**	**44**
	09/30/10		2.0 UJ	**611**	0.5 U	**10.8**	10 U	**2.6 J**	20 U	10 U	10 U	10 U	5.0 U	10 U	**24.4**	5.0 U	**296**	**751**	**45.2**
	03/04/11		**74.1**	**531**	**0.780**	0.5 U	**26.9**	**184**	1.0 U	0.5 U	**0.540**	**1.20**	**16.7**	0.5 U	**596**	**0.500**	**531**	**2,750**	**161**
	06/23/11		**1.13**	**173**	**0.660**	**0.580**	**3.98**	**2.27**	1.0 U	0.5 U	0.5 U	**0.64**	0.5 U	0.5 UJ	**55.4**	0.5 U	**148**	**1,008**	**45.9**
	09/23/11		**9.27**	0.5 U	0.5 U	**1.19**	**7.40**	**2.10**	1.0 U	0.5 U	0.5 U	**0.920**	0.5 U	0.5 U	**79.0**	0.5 U	**422**	**1,828**	**74.2**
	12/07/11		**32.4**	**272**	0.5 U	**0.770**	**13.1**	**10.1**	1.0 U	0.5 U	0.5 U	**0.550**	0.5 U	0.5 U	**1,390**	0.5 U	**760**	**3,081**	**137**
	03/08/12		**6.8**	**286**	0.500 U	**0.520**	**13.1**	**1.15**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1,630**	0.500 U	**815**	**3,388**	**169**
	06/26/12		**1,750 J**	**280**	**0.560**	**0.510**	**38.9**	**1,300**	1.00 U	**2.06**	0.500 U	**0.730**	0.500 U	0.500 U	**1,910**	0.500 U	**807**	**3,336**	**166**
	6/26/12 (DUP)		**1,230 J**	**282**	0.500 U	0.500 U	**38.3**	**1,030**	1.00 U	**1.93**	0.500 U	**0.720**	0.500 U	0.500 U	**1,750**	0.500 U	**743**	**3,002**	**178**
	10/02/12		**1,520**	**204**	0.500 U	0.500 U	**30.4**	**623**	1.00 U	0.500 U	0.500 U	**0.680**	0.500 U	0.500 U	**728**	0.500 U	**552**	**2,643**	**136**
	12/19/12		**208**	**278**	**1.63**	0.500 U	**9.76**	**244**	1.00 U	0.500 U	0.500 U	0.500 U	**64.5**	0.500 U	**260**	**1.05**	**732**	**3,455**	**172**
	03/06/13		**712**	0.5 U	**6.77**	**1.06**	**17.4**	**1,310**	1.00 U	**1.26**	0.500 U	**0.560**	**185**	0.500 U	**156**	**4.41**	**376 J**	**2,168 J**	**51.5 J**
	06/06/13		**1,600**	**88.0**	**2.60**	0.500 U	**21.9**	**1,760**	1.00 U	**1.86**	0.500 U	**0.510**	0.500 U	0.500 U	**550**	0.500 U	**199**	**1,004**	**69.5**
	09/25/13		**45.6**	**104**	0.500 U	0.500 U	**7.88**	**25.0**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**25.0**	0.500 U	**256**	**1,911**	**168**
	03/26/14		**422**	**113**	**0.789**	0.500 U	**9.71**	**426**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**55.1**	0.500 U	**121**	**1,207.4**	**105**
	09/24/14		0.200 U	**45.1**	0.500 U	0.500 U	**3.14**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.90**	0.500 U	**48.3**	**1,423.1**	**121**
	09/24/14 (DUP)		**0.345**	**59.5**	0.500 U	0.500 U	**3.19**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.56**	0.500 U	**43.7**	**1,283.5**	**142**
MW-23	09/13/06		**0.09 J**	0.23 U	0.13 U	0.2 U	**0.36 J**	**0.96**	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.11 U	**0.28 J**	0.13 U	0.22 U	0.15 U
	04/04/07		**0.09 J**	0.23 U	0.13 U	0.2 U	**0.14 J**	**3.2**	0.14 U	0.12 U	0.12 U	0.14 U	**0.22 J**	**0.21 J**	0.11 U	**1.8**	0.13 U	0.22 U	0.15 U
	09/25/07		**0.13 J**	0.23 U	0.13 U	0.2 U	**0.25 J**	**2.4**	0.14 U	0.12 U	0.12 U	0.14 U	**0.17 J**	**0.14 J**	0.11 U	**1.7**	0.13 U	0.22 U	0.15 U
	9/25/07 (DUP)		**0.12 J**	0.23 U	0.13 U	0.2 U	**0.26 J**	**2.1**	0.14 U	0.12 U	0.12 U	0.14 U	**0.17 J**	0.14 U	0.11 U	**1.9**	0.13 U	0.22 U	0.15 U
	05/01/08		**0.08 J**	0.13 U	**0.18 J**	0.23 U	**0.18 J**	**3.2**	0.042 U	0.05 U	0.073 U	0.045 U	**0.25 J**	**0.12 J**	**0.07 JB**	**2.9**	0.042 U	0.078 U	0.037 U
	10/01/08		**0.10 J**	0.13 U	0.1 U	0.23 U	**0.26 J**	**1.7**	0.042 U	0.05 U	0.073 U	0.045 U	**0.23 J**	0.042 U	**0.17 JB**	**3.3**	0.042 U	0.078 U	0.037 U
	03/24/09		**1.0**	0.5 U	0.5 U	0.5 U	0.5 U	**0.9**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.2**	0.5 U	0.5 U	0.5 U
	09/29/09		**0.20 J**	0.5 U	0.5 U	0.5 U	0.5 U	**1.1**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.2**	0.5 U	0.5 U	0.5 U
	04/01/10		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.9**	0.5 U	0.5 U	0.5 U
	09/28/10		0.2 UJ	0.5 U	0.5 U	0.5 U	**0.31 J**	**0.63**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.17**	0.5 U	0.5 U	0.5 U
	03/02/11		0.2 U	**0.680**	0.5 U	0.5 U	0.5 U	**5.73**	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.32**	**1.76**	**0.730**	**3.43**	0.5 U
	06/22/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.16**	0.5 U	0.5 U	0.5 U
	09/23/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.16**	0.5 U	0.5 U	0.5 U
	12/07/11		0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.56**	0.5 U	0.5 U	0.5 U
	03/07/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.04**	0.500 U	0.500 U	0.500 U
	06/26/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**4.86**	0.500 U	0.500 U	0.500 U
	09/27/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.64**	0.500 U	0.500 U	0.500 U
	12/19/12		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.83**	0.500 U	0.500 U	0.500 U
	03/05/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.42**	1.00 U	0.500 U	0.500 U	0.500 U	**1.03**	0.500 U	**0.650**	**1.85**	**1.08**	**1.68**	0.500 U
	06/06/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**5.46**	0.500 U	0.500 U	0.500 U
	09/24/13		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	**1.26**	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**2.17**	0.500 U	**0.920**	0.500 U
	03/26/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**7.36**	0.500 U	0.500 U	0.500 U
	09/25/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**3.32**	0.500 U	0.500 U	0.500 U
	09/25/14 (DUP)		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**3.23**	0.500 U	0.500 U	0.500 U
MW-24	03/26/10		**1,200**	**160**	**17**	0.5 U	**540**	**4,100**	**4.5**	**680**	0.5 U	**0.9**	**160**	0.5 U	**4,800**	0.5 U	**1,900**	**3,600**	**230**
	04/16/10		**320**	**1,100**	10 U	10 U	**260**	**80**	20 U	10 U	10 U	10 U	5.0 U	10 U	**3,800**	10 U	**1,300**	**3,300**	**18**
	05/06/10		**1,900**	**900**	5.0 U	10 U	**820**	**930**	20 U	10 U	10 U	10 U	5.0 U	10 U	**6,200**	5.0 U	**1,800**	**4,000**	**72**
	5/6/10 (LAB DUP)		**2,000**	**970**	5.0 U	10 U	**850**	**980**	20 U	10 U	10 U	10 U	5.0 U	10 U	**6,800**	5.0 U	**1,800**	**4,400**	**71**
	06/09/10		**3,400**	**89**	**22**	10 U	**1,300**	**2,200**	20 U	**97**	10 U	10 U	**5.2**	10 U	**5,900**	**2.2 J**	**1,600**	**3,600**	**130**
	07/06/10		**4,200**	**1,200**	**14**	10 U	**940**	**2,100**	20 U	**120**	10 U	10 U	5.0 U	10 U	**7,300**	5.0 U	**1,200 J**	**2,900**	**180**
	7/6/10 (DUP)		**3,400**	**1,100**	**14**	10 U	**1,100**	**2,400**	20 U	**130**	10 U	10 U	5.0 U	10 U	**6,600**	5.0 U	**830 J**	**2,300**	**140**
MW-25	03/29/10		**2.7**	**410**	0.5 U	0.5 U	**25**	**2.2**	**1.1**	0.5 U	**0.9**	**1.9**	**0.4**	0.5 U	**1,200**	0.5 U	**940**	**1,600**	**160**
	04/07/10		**12**	**730**	10 U	10 U	**48**	10 U	20 U	10 U	10 U	10 U	10 U	10 U	**3,100**	10 U	**1,700**	**2,900**	**180**
	04/16/10		**10**	**1,900**	10 U	10 U	**74**	10 U	20 U	10 U	10 U	10 U	10 U	10 U	**4,100**	10 U	**2,200**	**5,100**	**310**
	4/16/10 (LAB DUP)		**9.2**	**1,800**	10 U	10 U	**70**	10 U	20 U	10 U	10 U	10 U	10 U	10 U	**4,000**	10 U	**2,100**	**5,000**	**290**
	05/06/10		**2.0**	**1,100**	5.0 U	10 U	**32**	5.0 U	20 U	10 U	10 U	10 U	5.0 U	10 U	**2,900**	5.0 U	**1,200**	**3,200**	**130**
	06/09/10		2.0 U	**820**	5.0 U	10 U	**29**	5.0 U	20 U	10 U	10 U	10 U	5.0 U	10 U	**1,200**	**21**	**680**	**1,700**	**110**
	07/06/10		**4.0**	**640**	0.5 U	0.5 U	**25**	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**800**	**2.9**	**480**	**980**	**79**
MW-26	04/01/10		0.2 U	0.5 U	**1.3**	0.5 U	0.5 U	**20**	1.0 U	0.5 U	0.5 U	0.5 U	**37**	0.5 U	0.5 U	**380**	0.5 U	0.5 U	0.5 U
	04/09/10		**6.4**	10 U	10 U	10 U	10 U	**10**	20 U	10 U	10 U	10 U	**28**	10 U	10 U	**570**	10 U	10 U	10 U
	4/9/10 (LAB DUP)		**6.2**	10 U	10 U	10 U	10 U	**10**	20 U	10 U	10 U	10 U	**27**	10 U	10 U	**550**	10 U	10 U	10 U

Table B-2

Indicator Hazardous Substances in Groundwater
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Intake Depth (ft bgs)	Vinyl Chloride	Chloro-ethane	1,1-DCE	Methylene Chloride	1,1-DCA	cDCE	Chloro-form	TCA	1,2-DCA	Benzene	TCE	1,2-Dichloro-propane	Toluene	PCE	Ethyl-benzene	Total Xylenes	1,2,4-TMB
	Solubility in Water:		**LNAPL**	**LNAPL**	**3,350,000**	**20,000,000**	**5,100,000**	**3,500,000**	**8,200,000**	**720,000**	**8,690,000**	**0.8**	**1,100,000**		**1,000**	**200,000**	**LNAPL**	**LNAPL**	**LNAPL**
	Final Cleanup Levels		**0.5**	**15**	**7.0**	**5.0**	**800**	**70**	**7.2**	**200**	**0.5**	**0.8**	**4.0**	**0.64**	**1,000**	**0.86**	**700**	**1,600**	**400**
MW-26 (continued)	04/16/10		**8.8**	10 U	10 U	10 U	10 U	**16**	20 U	10 U	10 U	10 U	**32**	10 U	10 U	**320**	10 U	10 U	10 U
	05/06/10		**5.2**	10 U	5.0 U	10 U	10 U	**11**	20 U	10 U	10 U	10 U	**28**	10 U	10 U	**300**	10 U	10 U	10 U
	06/09/10		**12**	10 U	5.0 U	10 U	10 U	**14**	20 U	10 U	10 U	10 U	**31**	10 U	10 U	**350**	10 U	10 U	10 U
	07/06/10		**9.0**	0.5 U	0.5 U	0.5 U	0.5 U	**12**	1.0 U	0.5 U	0.5 U	0.5 U	**29**	0.5 U	0.5 U	**300**	0.5 U	0.5 U	0.5 U
MW-27	09/24/14		0.200 U	0.500 U	0.500 U	0.500 U	**0.569**	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
MW-28	09/25/14		0.200 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
INJ-1	07/09/01		**2.9**	**25**	**0.65 J**	U	**9.3**	**29**	0.48 U	0.56 U	0.58 U	0.5 U	**97**	0.62 U	NA	**620**	NA	NA	NA
	11/20/01		0.50 U	**2.8**	0.5 U	1 U	**1.2**	**8.1**	0.5 U	0.5 U	0.5 U	0.21 U	**30**	0.5 U	0.5 U	**17**	0.5 U	0.5 U	NA
	06/11/02		**0.44 J**	0.46 U	**1.9**	0.39 U	**0.60 J**	**520**	0.2 U	0.23 U	0.23 U	NA	**3.7**	0.26 U	0.2 U	**8.5**	0.26 U	0.6 U	0.29 U
INJ-2	07/09/01		**5.5 J**	4.4 U	3 U	4.9 U	< 2.3 U	**200**	2.4 U	2.8 U	2.9 U	0.5 U	**240**	3.1 U	NA	**6,300**	NA	NA	NA
	10/15/01	18	0.5 U	0.50 U	0.5 U	1 U	<0.5 U	**1.1**	0.5 U	0.5 U	0.5 U	0.5 U	**1.8**	0.5 U	0.5 U	**33**	**1.6**	**6**	NA
	10/22/01	18	0.5 U	0.50 U	0.5 U	1 U	<0.5 U	**2**	0.5 U	0.5 U	0.5 U	0.5 U	**2.8**	0.5 U	**0.53**	**57**	**2.9**	**11.3**	NA
	10/29/01	18	0.5 U	0.50 U	0.5 U	1 U	<0.5 U	**2.9**	0.5 U	0.5 U	0.5 U	0.5 U	**4.3**	0.5 U	**0.65**	**68**	**1.4**	**6.8**	NA
	11/19/01		0.5 U	0.50 U	0.5 U	1 U	<0.5 U	**7.3**	0.5 U	0.5 U	0.5 U	1.1 U	**9.2**	0.5 U	0.5 U	**230**	**0.89**	**4.4**	NA
	06/11/02		2.2 U	2.3 U	**5.4**	2 U	< 0.91 U	**2,100**	0.96 U	1.2 U	1.2 U	1.1 U	**600**	1.3 U	0.98 U	**1,000**	1.3 U	2.9 U	1.5 U
	06/10/03		2.2 U	2.3 U	**5.3**	2 U	< 0.91 U	**2,100**	0.96 U	1.2 U	1.2 U	NA	**610**	1.3 U	**1.1 JB**	**2,700**	1.3 U	2.9 U	1.5 U
INJ-3	07/09/01		**7.3**	**5.9**	**0.95 J**	0.97 U	**3.4**	**39**	0.48 U	0.56 U	0.58 U	1 U	**250**	0.62 U	NA	**520**	NA	NA	NA
	11/20/01		**1.8**	1.0 U	1.0 U	2 U	1.0 U	**49**	1.0 U	1.0 U	1.0 U	0.53 U	**130**	1.0 U	1.0 U	**670**	1.0 U	1.0 U	NA
	06/11/02		**180**	1.2 U	**3.4**	0.97 U	**1.2 J**	**1,200**	0.48 U	0.57 U	0.57 U	**1.3**	**240**	0.62 U	0.49 U	**530**	0.65 U	1.5 U	0.71 U
	12/17/02		**90**	0.50 U	**0.53**	2 U	**2.0**	**250**	0.5 U	0.5 U	0.5 U	**1.2**	**100**	0.5 U	0.5 U	**150**	0.5 U	0.5 U	2 U
	12/17/02 (DUP)		**91**	0.50 U	**0.6**	2 U	**1.9**	**270**	0.5 U	0.5 U	0.5 U	0.21 U	**120**	0.5 U	0.5 U	**180**	0.5 U	0.5 U	2 U
	06/10/03		**78**	**2.2**	**0.98 J**	0.39 U	**0.40 J**	**350**	0.2 U	0.23 U	0.23 U	0.11 U	**140**	0.25 U	**0.8 B**	**390**	0.26 U	0.44 U	0.29 U
P-1	09/24/04		0.22 U	0.23 U	0.12 U	0.2 U	**0.28 J**	**1.2**	0.096 U	0.12 U	0.12 U	NA	0.12 U	0.13 U	0.098 U	0.11 U	0.13 U	0.22 U	0.15 U

NOTES:

All results in ug/L.

1995 analyses performed using EPA Method 8240A.

Analyses since 1996 performed using EPA Method 8260A.

Only indicator hazardous substances shown.

Detections shown in bold.

Shaded results above their respective cleanup level.

U = not detected above associated method reporting limit.

NA = not analyzed or not quantitated

DUP = duplicate sample collected in the field and blind labeled.

LAB DUP = laboratory duplicate sample.

B = the analyte was also detected in an associated blank.

J = the associated numerical value is an estimated quantity based on data review or laboratory estimate above the MDL but below the MRL.

E = laboratory estimated concentration.

Results from June 2000 and from December 2000 to September 2008 are reported relative to the method detection limits (MDLs).

1,2,4-TMB = 1,2,4-trimethylbenzene.

1,1-DCA = 1,1-dichlorethane.

1,2-DCA = 1,2-dichlorethane.

1,1-DCE = 1,1-dichlorethene.

cis-1,2-DCE = cis-1,2-dichloroethene.

TCA = 1,1,1-trichloroethane.

TCE = trichloroethene.

PCE = tetrachloroethene.

Table B-3

General Chemistry Parameters in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Anions (EPA Method 300.0)				Sulfide	Total Alkalinity		Total Organic Carbon	Total Manganese	Total Iron		Ferrous Iron	Dissolved Metals (EPA Method 200.8)				TDS
		Chloride	Bromide	Nitrate as Nitrogen	Sulfate	Hach Method 8131 or SM 4500-S2-F	Hach Method AL AP MG-L	SM 2320B	EPA Method 415.1 or SM 5310B	EPA Method 6010A/6010B	EPA Method 6010A/6010B	Hach Method 8008	Hach Method 8146	Iron	Manganese	Sodium	Potassium	EPA Method 160.1
MW-1	09/04/96	130	NA	NA	88.0	NA	NA	NA	NA	2.1	29.6	NA	NA	NA	NA	NA	NA	990
	12/15/98	68.5	NA	< 0.2	4.3	0.070	500	NA	47.0	NA	NA	23.4	24.6	NA	NA	NA	NA	NA
	03/02/99	64.5	NA	0.2	5.8	0.266	540	NA	37.0	NA	NA	29.4	18.2	NA	NA	NA	NA	NA
	06/17/99	49	NA	0.3	6.7	0.110	460	NA	40.5	NA	NA	24.0	20.8	NA	NA	NA	NA	NA
	09/16/99	59.8	NA	< 0.2	7.2	0.249	400	NA	42.1	NA	NA	11.0	18.8	NA	NA	NA	NA	NA
	09/18/02	NA	NA	NA	NA	NA	NA	NA	37	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/08/12	27.1	NA	< 0.100	3.50	< 0.500	NA	352	NA	NA	NA	NA	1.0	10.4	1.87	NA	NA	NA
	10/01/12	28.9	NA	< 0.100	21.0	< 0.500	NA	290	NA	NA	NA	NA	2.0	7.86	1.64	NA	NA	NA
	03/13/13	17.8	NA	< 0.100	3.2	< 0.500	NA	362	NA	NA	NA	NA	1.8	11.4	1.66	NA	NA	NA
MW-2	09/04/96	18.0	NA	NA	0.3	NA	NA	NA	NA	3.21	112	NA	NA	NA	NA	NA	NA	576
	12/15/98	13.6	NA	0.3	5.3	0.017	260	NA	26.4	NA	NA	23.9	30.4	NA	NA	NA	NA	NA
	03/02/99	14.3	NA	0.9	13.1	0.037	360	NA	22.8	NA	NA	46.4	23.0	NA	NA	NA	NA	NA
	06/16/99	13	NA	1.0	7.5	0.054	420	NA	24.2	NA	NA	86.5	66.7	NA	NA	NA	NA	NA
	6/16/99 (DUP)	12.2	NA	1.3	12.8	NA	NA	NA	25.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/99	14.6	NA	< 0.2	< 0.2	0.037	400	NA	27.2	NA	NA	94.6	61.9	NA	NA	NA	NA	NA
	09/18/02	NA	NA	NA	NA	NA	NA	NA	33	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	09/04/96	26.0	NA	NA	0.9	NA	NA	NA	NA	3.17	36.3	NA	NA	NA	NA	NA	NA	952
	9/4/96 (DUP)	26.0	NA	NA	1.1	NA	NA	NA	NA	3.13	38.5	NA	NA	NA	NA	NA	NA	976
	12/14/98	29.8	NA	< 0.2	< 0.2	< 0.001	660	NA	44.5	NA	NA	34.4	34.2	NA	NA	NA	NA	NA
	03/03/99	25.6	NA	< 0.2	0.3	0.013	640	NA	52.8	NA	NA	33.0	31.7	NA	NA	NA	NA	NA
	06/17/99	17.1	NA	< 0.2	< 0.2	0.013	640	NA	57.9	NA	NA	59.7	38.0	NA	NA	NA	NA	NA
	09/17/99	14.5	NA	< 0.2	< 0.2	0.047	520	NA	62.4	NA	NA	100.1	47.7	NA	NA	NA	NA	NA
MW-4	09/04/96	110	NA	NA	37.0	NA	NA	NA	NA	9.89	83.9	NA	NA	NA	NA	NA	NA	796
	12/14/98	89.7	NA	< 0.2	15.6	0.026	840	NA	23.4	NA	NA	59.8	59.1	NA	NA	NA	NA	NA
	03/03/99	45.0	NA	< 0.2	183	0.880	900	NA	12.8	NA	NA	12.9	7.5	NA	NA	NA	NA	NA
	06/17/99	60.9	NA	0.3	61.7	0.159	840	NA	18.2	NA	NA	6.99	4.75	NA	NA	NA	NA	NA
	09/17/99	77.3	NA	< 0.2	2.0	0.071	870	NA	18.4	NA	NA	24.3	13.4	NA	NA	NA	NA	NA
	09/18/02	NA	NA	NA	NA	NA	NA	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/11	NA	NA	NA	NA	NA	NA	NA	19	NA	NA	NA	3.2	NA	NA	NA	NA	NA
	03/08/12	31.9	NA	1.63	18.2	< 0.500	NA	878	13.4	NA	NA	NA	3.0	24.7	3.65	NA	NA	NA
	10/01/12	30.9	NA	< 0.100	14.2	< 0.500	NA	758	NA	NA	NA	NA	NA	11.5	2.62	NA	NA	NA
	03/06/13	27.1	NA	< 0.100	37.6	< 0.500	NA	844	NA	NA	NA	NA	3.7	18.9	2.80	NA	NA	NA
MW-5	09/04/96	17.0	NA	NA	32	NA	NA	NA	NA	0.34	0.107	NA	NA	NA	NA	NA	NA	332
	12/15/98	17.5	NA	< 0.2	17.3	0	200	NA	7.8	NA	NA	0.090	0.024	NA	NA	NA	NA	NA
	03/02/99	6.9	NA	2.4	22.0	0.002	145	NA	4.8	NA	NA	0.137	0.060	NA	NA	NA	NA	NA
	06/16/99	6.2	NA	2.5	20.5	0.002	180	NA	6.0	NA	NA	0.125	0.042	NA	NA	NA	NA	NA
	09/16/99	6.8	NA	1.5	20.7	0.001	160	NA	5.9	NA	NA	0.052	0.008	NA	NA	NA	NA	NA
	9/16/99 (DUP)	6.2	NA	1.5	20.4	NA	NA	NA	5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/18/02	NA	NA	NA	NA	NA	NA	NA	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/13/06	NA	NA	0.6	34.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/10	NA	< 0.1	NA	NA	NA	NA	NA	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/09/10	NA	< 0.1	NA	NA	NA	NA	NA	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	< 0.1	NA	NA	NA	NA	NA	6.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/16/10 (LAB DUP)	NA	< 0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	< 2.0	NA	NA	NA	NA	NA	5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	< 0.1	NA	NA	NA	NA	NA	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	< 0.1	NA	NA	NA	NA	NA	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	NA	NA	NA	NA	NA	NA	5.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/03/11	3.68	NA	0.645	24.8	< 0.5	NA	109	4.40	NA	NA	NA	NA	0.0564	0.0128	NA	NA	NA

Table B-3

General Chemistry Parameters in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Anions (EPA Method 300.0)				Sulfide	Total Alkalinity		Total Organic Carbon	Total Manganese	Total Iron		Ferrous Iron	Dissolved Metals (EPA Method 200.8)				TDS
		Chloride	Bromide	Nitrate as Nitrogen	Sulfate	Hach Method 8131 or SM 4500-S2-F	Hach Method AL AP MG-L	SM 2320B	EPA Method 415.1 or SM 5310B	EPA Method 6010A/6010B	EPA Method 6010A/6010B	Hach Method 8008	Hach Method 8146	Iron	Manganese	Sodium	Potassium	EPA Method 160.1
MW-5 (continued)	3/3/11 (LAB DUP)	3.68	NA	0.666	24.7	NA	NA	108	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/22/11	2.26	NA	0.743	11.2	< 0.500	NA	111	4.32	NA	NA	NA	NA	< 0.1	0.105	NA	NA	NA
	09/22/11	2.32	NA	0.161	11.6	< 0.500	NA	142	3.87	NA	NA	NA	2.8	0.376	0.252	NA	NA	NA
	12/07/11	2.27	NA	0.146	11.5	< 0.500	NA	118	5.65	NA	NA	NA	0.8	0.241	0.316	NA	NA	NA
	03/07/12	2.50	NA	< 0.100	15.3	< 0.500	NA	124	5.07	NA	NA	NA	0.8	0.425	0.635	NA	NA	NA
	06/26/12	2.74	NA	< 0.100	16.1	< 0.500	NA	142	4.94	NA	NA	NA	NA	1.82	0.304	NA	NA	NA
	09/27/12	2.66	NA	< 0.100	12.1	< 0.500	NA	154	6.38	NA	NA	NA	1.0	1.33	0.215	NA	NA	NA
	12/19/12	3.30	NA	< 0.100	10.1	< 0.500	NA	158	8.92	NA	NA	NA	NA	9.49	0.555	NA	NA	NA
	3/6/2013 (DUP)	3.02	NA	< 0.100	11.5	< 0.500	NA	162	5.39	NA	NA	NA	3.4	6.66	0.320	NA	NA	NA
	03/06/13	3.09	NA	< 0.100	11.4	< 0.500	NA	159	5.08	NA	NA	NA	NA	6.15	0.304	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	6.51	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/13	NA	NA	NA	NA	NA	NA	NA	7.11	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/26/13 (DUP)	NA	NA	NA	NA	NA	NA	NA	7.20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/14	NA	NA	NA	NA	NA	NA	NA	7.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/14	NA	NA	NA	NA	NA	NA	NA	8.75	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	09/04/96	340	NA	NA	0.6	NA	NA	NA	NA	9.28	222	NA	NA	NA	NA	NA	NA	1,260
	12/15/98	199	NA	< 0.2	11.7	0.014	460	NA	22.6	NA	NA	114	125	NA	NA	NA	NA	NA
	03/02/99	213	NA	0.6	19.8	0.015	500	NA	15.8	NA	NA	170	63	NA	NA	NA	NA	NA
	3/2/99 (DUP)	208	NA	0.6	46.6	NA	NA	NA	15.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/16/99	232	NA	0.3	11.6	0.009	520	NA	21	NA	NA	192	120	NA	NA	NA	NA	NA
	09/16/99	130	NA	< 0.5	27.3	0.047	480	NA	18.5	NA	NA	169	95	NA	NA	NA	NA	NA
	09/18/02	NA	NA	NA	NA	NA	NA	NA	20	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	12/14/98	5.4	NA	< 0.2	1.6	0.003	260	NA	9.4	NA	NA	3.36	3.17	NA	NA	NA	NA	NA
	03/03/99	5.7	NA	1.3	12.7	0.010	180	NA	6.5	NA	NA	1.79	1.72	NA	NA	NA	NA	NA
	06/17/99	6.8	NA	2.3	25.1	0.005	200	NA	9.2	NA	NA	2.21	1.86	NA	NA	NA	NA	NA
	09/17/99	8.1	NA	0.3	21.4	0.004	240	NA	10.6	NA	NA	3.58	2.98	NA	NA	NA	NA	NA
	03/02/11	2.63	NA	2.77	9.10	< 0.5	NA	94.7	3.65	NA	NA	NA	NA	< 0.1	< 0.002	NA	NA	NA
	3/2/11 (LAB DUP)	2.61	NA	2.79	9.18	NA	NA	93.2	NA	NA	NA	NA	NA	< 0.1	< 0.002	NA	NA	NA
	06/22/11	3.16	NA	1.37	9.88	NA	NA	110	5.30	NA	NA	NA	NA	< 0.1	0.00406	NA	NA	NA
	09/22/11	3.55	NA	0.132	10.1	< 0.500	NA	144	7.04	NA	NA	NA	3.00	0.272	0.150	NA	NA	NA
	12/07/11	4.02	NA	0.344	14.5	< 0.500	NA	186	9.44	NA	NA	NA	1.5	0.161	0.227	NA	NA	NA
	03/07/12	2.93	NA	1.49	8.72	< 0.500	NA	108	5.13	NA	NA	NA	0.0	0.154	0.005	NA	NA	NA
	06/26/12	2.63	NA	1.04	8.28	< 0.500	NA	126	5.52	NA	NA	NA	NA	0.119	0.044	NA	NA	NA
	09/27/12	3.23	NA	< 0.100	11.3	< 0.500	NA	150	11.2	NA	NA	NA	0.1	0.181	0.363	NA	NA	NA
	12/19/12	5.93	NA	< 0.100	24.6	< 0.500	NA	326	18.3	NA	NA	NA	NA	0.0739	0.964	NA	NA	NA
	03/05/13	3.12 J	NA	< 0.100	10.1	< 0.500	NA	186	8.58	NA	NA	NA	0.4	0.308	0.792	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	6.37	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/24/13	NA	NA	NA	NA	NA	NA	NA	11.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	2.66	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/14	NA	NA	NA	NA	NA	NA	NA	12.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	12/14/98	9.2	NA	< 0.2	20.4	NA	260	NA	10.0	NA	NA	1.13	0.98	NA	NA	NA	NA	NA
	12/14/98 (DUP)	9.3	NA	< 0.2	20.4	NA	NA	NA	10.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/02/99	12.7	NA	0.3	29.7	0.023	260	NA	8.9	NA	NA	2.03	0.77	NA	NA	NA	NA	NA
	06/16/99	12.8	NA	< 0.2	29.1	0.009	240	NA	9.6	NA	NA	0.70	0.50	NA	NA	NA	NA	NA
	09/16/99	10.5	NA	< 0.2	21.1	0.007	260	NA	10.5	NA	NA	1.02	0.45	NA	NA	NA	NA	NA
	09/18/02	NA	NA	NA	NA	NA	NA	NA	11.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	04/01/10	NA	< 0.1	NA	NA	NA	NA	NA	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/09/10	NA	0.35	NA	NA	NA	NA	NA	4.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	0.35	NA	NA	NA	NA	NA	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	2.6	NA	NA	NA	NA	NA	5.4	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-3

General Chemistry Parameters in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Anions (EPA Method 300.0)				Sulfide	Total Alkalinity		Total Organic Carbon	Total Manganese	Total Iron		Ferrous Iron	Dissolved Metals (EPA Method 200.8)				TDS
		Chloride	Bromide	Nitrate as Nitrogen	Sulfate	Hach Method 8131 or SM 4500-S2-F	Hach Method AL AP MG-L	SM 2320B	EPA Method 415.1 or SM 5310B	EPA Method 6010A/6010B	EPA Method 6010A/6010B	Hach Method 8008	Hach Method 8146	Iron	Manganese	Sodium	Potassium	EPA Method 160.1
MW-11 (continued)	5/6/10 (LAB DUP)	NA	2.6	NA	NA	NA	NA	NA	6.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	3.9	NA	NA	NA	NA	NA	5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/9/10 (LAB DUP)	NA	3.9	NA	NA	NA	NA	NA	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	8.1	NA	NA	NA	NA	NA	5.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	03/03/11	3.81	NA	7.85	20.8	< 0.5	NA	102	9.80	NA	NA	NA	NA	0.244	0.0283	NA	NA	NA
	06/22/11	2.51	NA	0.176	13.8	< 0.500	NA	176	47.7	NA	NA	NA	NA	56.4	0.734	NA	NA	NA
	09/22/11	3.42	NA	< 0.100	12.1	< 0.500	NA	157	16.1	NA	NA	NA	3.2	34.7 J	0.187	NA	NA	NA
	9/22/11 (DUP)	3.52	NA	< 0.100	11.6	< 0.500	NA	127	20.8	NA	NA	NA	NA	24.1 J	0.169	NA	NA	NA
	12/07/11	3.75	NA	< 0.100	8.75	< 0.500	NA	159	16.0	NA	NA	NA	1.8	21.6	0.144	NA	NA	NA
	03/07/12	2.82	NA	< 0.100	11.5	< 0.500	NA	190	13.5	NA	NA	NA	3.0	15.7	0.159	NA	NA	NA
	3/7/12 (DUP)	2.81	NA	< 0.100	11.4	< 0.500	NA	186	14.7	NA	NA	NA	NA	15.8	0.172	NA	NA	NA
	06/26/12	5.22	NA	< 0.100	9.52	< 0.500	NA	230	17.9	NA	NA	NA	NA	14.1	0.274	NA	NA	NA
	10/02/12	4.98	NA	< 0.100	6.57	< 0.500	NA	201	20.0	NA	NA	NA	1.8	17.1	0.154	NA	NA	NA
	12/19/12	5.22	NA	< 0.100	7.93	< 0.500	NA	199	15.1	NA	NA	NA	NA	16.4	0.181	NA	NA	NA
	03/06/13	4.79	NA	< 0.100	7.62	< 0.500	NA	167	12.0	NA	NA	NA	3.8	14.6	0.143	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	11.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/13	NA	NA	NA	NA	NA	NA	NA	13.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/14	NA	NA	NA	NA	NA	NA	NA	11.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/25/14 (DUP)	NA	NA	NA	NA	NA	NA	NA	11.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/14	NA	NA	NA	NA	NA	NA	NA	15.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	09/24/04	56.1	NA	< 0.2	0.6	0.05	260	NA	40.3	1.40	37.1	NA	1.5	NA	NA	NA	NA	NA
	04/05/05	4.3	NA	< 0.1	6.1	< 0.01	50	NA	5.8	0.145	3.3	NA	2.4	NA	NA	NA	NA	NA
	09/14/06	NA	NA	< 0.1	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/10	NA	0.45	NA	NA	NA	NA	NA	29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/29/10 (LAB DUP)	NA	0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/10	NA	0.44	NA	NA	NA	NA	NA	30	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/7/10 (LAB DUP)	NA	0.46	NA	NA	NA	NA	NA	30	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	0.47	NA	NA	NA	NA	NA	30	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	< 2.0	NA	NA	NA	NA	NA	32	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	0.64	NA	NA	NA	NA	NA	34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	0.66	NA	NA	NA	NA	NA	32	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/03/11	42.2	NA	< 0.1	0.253	< 0.5	NA	242	47.1	NA	NA	NA	NA	33.7	1.87	NA	NA	NA
	3/3/11 (LAB DUP)	NA	NA	NA	NA	NA	NA	NA	48.3	NA	NA	NA	NA	34.4	1.84	NA	NA	NA
	06/23/11	32.1	NA	< 0.1 J	0.894	< 0.500	NA	274	72.0	NA	NA	NA	NA	54.3	2.67	NA	NA	NA
	09/22/11	39.4	NA	< 0.1	0.563	< 0.500	NA	264	63.5	NA	NA	NA	2.6	63.6	2.36	NA	NA	NA
	12/07/11	38.6	NA	< 0.1	0.801	< 0.500	NA	303	47.7	NA	NA	NA	4.9	49.8	2.09	NA	NA	NA
	03/07/12	35.1	NA	< 0.100	< 0.300	< 0.500	NA	324	31.0	NA	NA	NA	5.0	49.6	1.77	NA	NA	NA
	06/27/12	32.7	NA	0.856	< 0.300	< 0.500	NA	306	31.0	NA	NA	NA	NA	45.0	1.89	NA	NA	NA
	10/02/12	29.6	NA	< 0.100	0.630	< 0.500	NA	292	19.6	NA	NA	NA	1.9	32.3	1.38	NA	NA	NA
	12/19/12	30	NA	< 0.100	0.788	< 0.500	NA	267	20.2	NA	NA	NA	NA	38.4	1.35	NA	NA	NA
	03/07/13	28.6	NA	< 0.100	< 0.300	< 0.500	NA	386	15.8	NA	NA	NA	1.8	38.1	1.39	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	16.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/13	NA	NA	NA	NA	NA	NA	NA	11.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	12.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/14	NA	NA	NA	NA	NA	NA	NA	15.2	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-3

General Chemistry Parameters in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Anions (EPA Method 300.0)				Sulfide	Total Alkalinity		Total Organic Carbon	Total Manganese	Total Iron		Ferrous Iron	Dissolved Metals (EPA Method 200.8)				TDS
		Chloride	Bromide	Nitrate as Nitrogen	Sulfate	Hach Method 8131 or SM 4500-S2-F	Hach Method AL AP MG-L	SM 2320B	EPA Method 415.1 or SM 5310B	EPA Method 6010A/6010B	EPA Method 6010A/6010B	Hach Method 8008	Hach Method 8146	Iron	Manganese	Sodium	Potassium	EPA Method 160.1
MW-14	09/24/04	6.2	NA	< 0.2	< 0.2	< 0.01	240	NA	11.8	1.12	32.7	NA	2.0	NA	NA	NA	NA	NA
	04/05/05	6.3	NA	< 0.1	< 0.2	< 0.01	215	NA	12.8	1.24	35.7	NA	1.8	NA	NA	NA	NA	NA
MW-15	09/24/04	6.6	NA	< 0.2	< 0.2	< 0.01	240	NA	7.9	1.33	34.8	NA	1.6		NA	NA	NA	NA
	04/05/05	7.5	NA	< 0.1	< 0.2	< 0.01	190	NA	8.0	1.41	35.9	NA	2.0		NA	NA	NA	NA
	09/13/06	NA	NA	< 0.1	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA
MW-16	09/23/04	33.5	NA	< 0.2	8.1	< 0.01	420	NA	24.1	3.71	108	NA	2.0	NA	NA	NA	NA	NA
	04/05/05	36.2	NA	< 0.1	1.1	< 0.01	295	NA	23.6	3.92	114	NA	2.2	NA	NA	NA	NA	NA
MW-17	09/23/04	49.7	NA	< 0.2	< 0.2	< 0.01	1,320	NA	32.9	1.77	55.7	NA	2.4	NA	NA	NA	NA	NA
	9/23/04 (DUP)	46.9	NA	< 0.2	< 0.2	NA	NA	NA	32.8	1.75	54.9	NA	NA	NA	NA	NA	NA	NA
	04/05/05	50.0	NA	< 0.1	< 0.2	< 0.01	230	NA	32.7	0.92	40.1	NA	2.5	NA	NA	NA	NA	NA
	09/12/06	NA	NA	< 0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/07/11	49.4	NA	< 0.1	0.240	< 0.5	NA	707	34.8	NA	NA	NA	NA	50.3	2.18	34.1	13.5	NA
	3/7/11 (LAB DUP)	49.5	NA	< 0.1	0.239	< 0.5	NA	691	34.7	NA	NA	NA	NA	50.8	2.16	37.0	15.7	NA
	06/23/11	51.8	NA	1.23 J	0.888	< 0.500	NA	574	31.9	NA	NA	NA	NA	38.7	1.47	37.0	15.7	NA
	09/23/11	51.1	NA	< 0.1	0.627	< 0.500	NA	436	25.1	NA	NA	NA	2.8	37.4	1.11	NA	NA	NA
	03/08/12	56.7	NA	0.130	0.312	< 0.500	NA	582	41.8	NA	NA	NA	2.0	51.6	1.44	NA	NA	NA
	06/27/12	64.6	NA	1.34	0.335	< 0.500	NA	597	37.1	NA	NA	NA	NA	54.3	1.87	NA	NA	NA
	10/01/12	49.6	NA	< 0.100	0.622	< 0.500	NA	536	32.5	NA	NA	NA	3.0	24.7	0.843	NA	NA	NA
	12/19/12	54.7	NA	0.601	0.743	< 0.500	NA	582	42.6	NA	NA	NA	NA	58.4	1.98	NA	NA	NA
	03/07/13	64.3	NA	0.103	< 0.300	< 0.500	NA	445	30.5	NA	NA	NA	5.6	48.0	1.26	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	32.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/13	NA	NA	NA	NA	NA	NA	NA	29.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	19.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/14	NA	NA	NA	NA	NA	NA	NA	35.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18	09/23/04	8.7	NA	< 0.2	< 0.2	< 0.01	380	NA	17.1	1.64	54.4	NA	2.3	NA	NA	NA	NA	NA
	04/05/05	8.9	NA	< 0.1	< 0.2	< 0.01	295	NA	17.7	1.62	50.2	NA	2.4	NA	NA	NA	NA	NA
	4/5/05 (DUP)	8.8	NA	< 0.1	< 0.2	NA	NA	NA	17.2	1.61	50.0	NA	NA	NA	NA	NA	NA	NA
	03/04/11	16.1	NA	< 0.1	0.227	< 0.5	NA	264	16.1	NA	NA	NA	NA	38.4	1.94	18.5	24.2	NA
	3/4/11 (LAB DUP)	NA	NA	NA	NA	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/23/11	8.58	NA	0.138 J	NA	< 0.500	NA	262	17.9	NA	NA	NA	NA	39.8	1.81	NA	NA	NA
	09/22/11	10.6	NA	< 0.100	0.580	< 0.500	NA	243	13.0	NA	NA	NA	3.6	45.7	1.62	NA	NA	NA
	03/07/12	28.1	NA	< 0.100	1.65	< 0.500	NA	248	18.8	NA	NA	NA	3.6	51.2	1.58	NA	NA	NA
	06/27/12	13.4	NA	0.835	< 0.300	< 0.500	NA	329	20.0	NA	NA	NA	NA	49.6	2.16	NA	NA	NA
	10/01/12	16.6	NA	0.113	1.10	< 0.500	NA	320	21.9	NA	NA	NA	0.6	39.7	1.37	NA	NA	NA
	12/19/12	13.8	NA	< 0.100	0.750	< 0.500	NA	292	21.2	NA	NA	NA	NA	46.6	1.54	NA	NA	NA
	12/19/12 (DUP)	13.4	NA	0.123	0.769	< 0.500	NA	295	20.4	NA	NA	NA	NA	45.6	1.50	NA	NA	NA
	03/05/13	9.75	NA	< 0.100	0.889	< 0.500	NA	318	17.8	NA	NA	NA	2.8	37.0	1.22	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	18.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/13	NA	NA	NA	NA	NA	NA	NA	> 20.0 E	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	18.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/24/14	NA	NA	NA	NA	NA	NA	NA	14.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-19	09/23/04	23.0	NA	< 0.2	0.3	< 0.01	340	NA	19.2	1.44	64.0	NA	1.8	NA	NA	NA	NA	NA
	04/05/05	18.9	NA	< 0.100	3.7	< 0.01	250	NA	19.9	1.31	65.8	NA	2.6	NA	NA	NA	NA	NA
	06/27/12	15.4	NA	< 0.100	0.82	< 0.500	NA	255	16.1	1.31	65.8	NA	NA	52.5	1.5	NA	NA	NA
	12/19/12	18.4	NA	< 0.100	1.23	< 0.500	NA	232	15.7	NA	NA	NA	1.8	44.4	1.14	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	16.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/6/13 (DUP)	NA	NA	NA	NA	NA	NA	NA	16.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/14	NA	NA	NA	NA	NA	NA	NA	20.5	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-3

General Chemistry Parameters in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Anions (EPA Method 300.0)				Sulfide	Total Alkalinity		Total Organic Carbon	Total Manganese	Total Iron		Ferrous Iron	Dissolved Metals (EPA Method 200.8)				TDS
		Chloride	Bromide	Nitrate as Nitrogen	Sulfate	Hach Method 8131 or SM 4500-S2-F	Hach Method AL AP MG-L	SM 2320B	EPA Method 415.1 or SM 5310B	EPA Method 6010A/6010B	EPA Method 6010A/6010B	Hach Method 8008	Hach Method 8146	Iron	Manganese	Sodium	Potassium	EPA Method 160.1
MW-20	09/20/05	50.7	NA	< 0.1	1.4	< 0.01	355	NA	29.1	3.60	88	NA	2.2	NA	NA	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	25.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-21	09/14/06	NA	NA	< 0.1	4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/14/06 (DUP)	NA	NA	< 0.1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/10	NA	< 0.1	NA	NA	NA	NA	NA	32	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/10	NA	20	NA	NA	NA	NA	NA	2,400	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	0.59	NA	NA	NA	NA	NA	33	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	2.7	NA	NA	NA	NA	NA	69	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/6/10 (DUP)	NA	2.6	NA	NA	NA	NA	NA	67	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	8.5	NA	NA	NA	NA	NA	82	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	8.4	NA	NA	NA	NA	NA	150	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/02/11	71.8	NA	< 0.1	0.245	< 0.5	NA	268	124	NA	NA	NA	NA	60.6	3.05	NA	NA	NA
	3/2/11 (DUP)	72.1	NA	< 0.1	0.210	< 0.5	NA	259	120	NA	NA	NA	NA	58.3	3.01	NA	NA	NA
	3/2/11 (LAB DUP)	NA	NA	NA	NA	< 0.5	NA	NA	122	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/23/11	70.5	NA	0.830 J	0.912	< 0.500	NA	270	136	NA	NA	NA	NA	81.0	3.36	NA	NA	NA
	6/23/11 (DUP)	70.3	NA	0.146 J	0.897	< 0.500	NA	281	137	NA	NA	NA	NA	79.6	3.51	NA	NA	NA
	09/22/11	66.5	NA	< 0.1	0.577	< 0.500	NA	312	366	NA	NA	NA	3.6	96.8	3.35	NA	NA	NA
	12/07/11	72.5	NA	< 0.1	0.768	< 0.500	NA	334	386	NA	NA	NA	2.0	93.6	3.39	NA	NA	NA
	03/08/12	67.5	NA	< 0.100	< 0.100 J	< 0.500	NA	318	455	NA	NA	NA	2.0	123	3.55	NA	NA	NA
	06/26/12	68.2	NA	0.871	< 0.300	< 0.500	NA	346	399	NA	NA	NA	NA	117	4.09	NA	NA	NA
	10/01/12	70.3	NA	< 0.100	0.524	< 0.500	NA	328	313	NA	NA	NA	2.6	108	2.48	NA	NA	NA
	10/1/12 (DUP)	71.2	NA	< 0.100	0.535	< 0.500	NA	339	330	NA	NA	NA	NA	115	2.65	NA	NA	NA
	12/20/12	62.0	NA	< 0.100	0.797	< 0.500	NA	405	33.5	NA	NA	NA	NA	104	2.69	NA	NA	NA
	03/06/13	57.6	NA	< 0.100	1.13	< 0.500	NA	353	186	NA	NA	NA	3.7	102	2.69	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	111	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/13	NA	NA	NA	NA	NA	NA	NA	67.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	59.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/24/14	NA	NA	NA	NA	NA	NA	NA	62.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-22	09/14/06	NA	NA	0.4	49.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/04/11	45.0	NA	< 0.1	0.260	< 0.5	NA	252	19.9	NA	NA	NA	NA	52.8	2.50	NA	NA	NA
	06/23/11	34.6	NA	1.10 J	< 0.1	< 0.500	NA	306	21.5	NA	NA	NA	NA	77.2	3.36	NA	NA	NA
	09/23/11	34.2	NA	< 0.1	0.591	< 0.500	NA	262	35.1	NA	NA	NA	3.0	75.3	2.64	NA	NA	NA
	12/07/11	35.8	NA	< 0.1	< 0.1	< 0.500	NA	290	50.9	NA	NA	NA	4.2	59.7	2.21	NA	NA	NA
	03/08/12	32.4	NA	< 0.1	< 0.1	< 0.500	NA	282	39.6	NA	NA	NA	6.0	66.8	1.99	NA	NA	NA
	06/26/12	42.3	NA	0.737	< 0.300	< 0.500	NA	295	32.6	NA	NA	NA	NA	59.4	2.29	NA	NA	NA
	6/26/12 (DUP)	42.1	NA	0.707	< 0.300	< 0.500	NA	303	32.4	NA	NA	NA	NA	61.0	2.25	NA	NA	NA
	10/02/12	37.2	NA	< 0.100	0.622	< 0.500	NA	367	24.7	NA	NA	NA	2.0	62.4	1.92	NA	NA	NA
	12/19/12	30.5	NA	< 0.100	0.761	< 0.500	NA	369	18.3	NA	NA	NA	NA	68.8	2.05	NA	NA	NA
	03/06/13	31.1	NA	< 0.100	0.756	< 0.500	NA	347	15.1	NA	NA	NA	3.8	66.0	2.02	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	17.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/13	NA	NA	NA	NA	NA	NA	NA	11.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	14.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/24/14	NA	NA	NA	NA	NA	NA	NA	18.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-23	09/13/06	NA	NA	< 0.1	29.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/02/11	15.7	NA	2.71	33.3	< 0.5	NA	140	9.86	NA	NA	NA	NA	0.259	0.383	NA	NA	NA
	06/22/11	27.0	NA	6.38	54.4	< 0.500	NA	144	8.94	NA	NA	NA	NA	0.164	0.304	NA	NA	NA
	09/23/11	23.0	NA	2.51	49.6 J	< 0.500	NA	173	7.94	NA	NA	NA	3.0	0.321	0.476	NA	NA	NA
	12/07/11	14.3	NA	1.21	30.1	< 0.500	NA	169	11.0	NA	NA	NA	1.4	0.425	0.429	NA	NA	NA
	03/07/12	25.9	NA	4.11	45.1	< 0.500	NA	150	11.4	NA	NA	NA	0.0	0.366	0.344	NA	NA	NA
	06/26/12	38.4	NA	6.34	58.6	< 0.500	NA	173	10.2	NA	NA	NA	NA	0.37	0.417	NA	NA	NA

Table B-3

General Chemistry Parameters in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Anions (EPA Method 300.0)				Sulfide	Total Alkalinity		Total Organic Carbon	Total Manganese	Total Iron		Ferrous Iron	Dissolved Metals (EPA Method 200.8)				TDS
		Chloride	Bromide	Nitrate as Nitrogen	Sulfate	Hach Method 8131 or SM 4500-S2-F	Hach Method AL AP MG-L	SM 2320B	EPA Method 415.1 or SM 5310B	EPA Method 6010A/6010B	EPA Method 6010A/6010B	Hach Method 8008	Hach Method 8146	Iron	Manganese	Sodium	Potassium	EPA Method 160.1
MW-23 (continued)	09/27/12	27.7	NA	1.96	42.3	< 0.500	NA	192	16.6	NA	NA	NA	2.0	1.27	0.470	NA	NA	NA
	12/19/12	15.3	NA	0.530	19.3	< 0.500	NA	177	20.2	NA	NA	NA	NA	0.681	0.558	NA	NA	NA
	03/05/13	22.4	NA	1.55	25.6	< 0.500	NA	200	16.5	NA	NA	NA	0.6	0.305	0.575	NA	NA	NA
	06/06/13	NA	NA	NA	NA	NA	NA	NA	9.86	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/24/13	NA	NA	NA	NA	NA	NA	NA	16.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/14	NA	NA	NA	NA	NA	NA	NA	11.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/14	NA	NA	NA	NA	NA	NA	NA	16.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-24	03/26/10	NA	< 0.1	NA	NA	NA	NA	NA	27	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/10	NA	50	NA	NA	NA	NA	NA	2,200	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	0.46	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	< 2.0	NA	NA	NA	NA	NA	58	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	6.3	NA	NA	NA	NA	NA	68	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	8.6	NA	NA	NA	NA	NA	74	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/6/10 (DUP)	NA	8.9	NA	NA	NA	NA	NA	72	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-25	03/29/10	NA	0.45	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/10	NA	0.43	NA	NA	NA	NA	NA	24	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	0.37	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	< 2.0	NA	NA	NA	NA	NA	26	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	1.2	NA	NA	NA	NA	NA	33	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	2.5	NA	NA	NA	NA	NA	43	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-26	04/01/10	NA	< 0.1	NA	NA	NA	NA	NA	3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/1/10 (LAB DUP)	NA	NA	NA	NA	NA	NA	NA	3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/09/10	NA	< 0.1	NA	NA	NA	NA	NA	4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/10	NA	0.43	NA	NA	NA	NA	NA	3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/06/10	NA	< 2.0	NA	NA	NA	NA	NA	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/10	NA	< 0.1	NA	NA	NA	NA	NA	4.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/06/10	NA	< 0.1	NA	NA	NA	NA	NA	7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/6/10 (LAB DUP)	NA	< 0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-1	09/24/04	8.8	NA	< 0.2	< 0.2	< 0.01	220	NA	20.7	1.10	38.1	NA	2.0					NA
IW-206-8	10/04/12	NA	NA	NA	NA	NA	NA	NA	401	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-206-17	10/04/12	NA	NA	NA	NA	NA	NA	NA	275	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-209-8	10/04/12	NA	NA	NA	NA	NA	NA	NA	29.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-209-17	10/04/12	NA	NA	NA	NA	NA	NA	NA	28.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-137-28	10/04/12	NA	NA	NA	NA	NA	NA	NA	55.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-137-38	10/04/12	NA	NA	NA	NA	NA	NA	NA	49.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-212-8	10/05/12	NA	NA	NA	NA	NA	NA	NA	53.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-212-17	10/05/12	NA	NA	NA	NA	NA	NA	NA	42.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-217-8	10/05/12	NA	NA	NA	NA	NA	NA	NA	30.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-217-17	10/05/12	NA	NA	NA	NA	NA	NA	NA	30.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-130-27	10/05/12	NA	NA	NA	NA	NA	NA	NA	81.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-130-37	10/05/12	NA	NA	NA	NA	NA	NA	NA	86.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-115-27	10/08/12	NA	NA	NA	NA	NA	NA	NA	61.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-115-37	10/08/12	NA	NA	NA	NA	NA	NA	NA	55.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-106-37	10/08/12	NA	NA	NA	NA	NA	NA	NA	57.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-106-27	10/08/12	NA	NA	NA	NA	NA	NA	NA	60.0	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES: All results in mg/L.
NA = not analyzed.
< = less than the method reporting limit shown.
DUP = duplicate sample collected in the field and blind labeled.
E = The result exceeded calibration curve.
LAB DUP = laboratory duplicate sample.
J = the associated numerical value is an estimated quantity based on data review or laboratory estimate above the MDL but below the MRL.
TDS = Total Dissolved Solids

Table B-4

Dissolved Organic Gases in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Method AM20GAX (µg/L)		
		Methane	Ethane	Ethene
MW-1	12/15/98	18,000	110	310
	03/02/99	15,000	75	270
	06/17/99	8,400	44	170
	09/17/99	14,000	83	230
	09/23/11	9,400	12	8.2
	03/08/12	15,000	18	34
	10/01/12	9,900	11	10
	03/06/13	14,000	16	34
	09/25/13	16,000	12	10
	03/26/14	17,000	26	39
	09/23/14	15,000	14	19
MW-2	12/15/98	13,000	1.1	0.5 U
	03/02/99	8,600	0.88	0.5 U
	06/16/99	13,000	1.0	0.5 U
	06/16/99 (DUP)	13,000	0.97	0.5 U
	09/16/99	17,000	1.2	0.5 U
MW-3	12/14/98	10,000	6.9	0.95
	03/03/99	5,700	9.3	1.2
	06/17/99	3,800	3.2	0.93
	09/17/99	4,300	6.8	0.88
MW-4	12/14/98	16,000	130	1,500
	03/03/99	10,000	110	730
	06/17/99	12,000	110	1,300
	09/17/99	14,000	150	1,000
	09/23/11	14,000	360	240
	03/08/12	18,000	360	500
	10/01/12	14,000	270	310
	03/06/13	16,000	240	89
	09/26/13	15,000	400	14
	03/25/14	9,000	320	0.58
	09/23/14	16,000	380	32
MW-5	12/15/98	0.5 U	0.5 U	0.5 U
	03/02/99	66	0.5 U	0.5 U
	06/16/99	7.8	0.5 U	0.5 U
	09/16/99	28	0.5 U	0.5 U
	09/16/99 (DUP)	26	0.5 U	0.5 U
	03/03/11	43	0.017 J	0.041
	06/22/11	550	0.010 J	0.053
	09/22/11	730	0.10	0.035
	03/07/12	4,100	0.20	0.17
	07/12/12	6,600	0.31	0.38
	09/27/12	6,200	0.33	0.16
	12/19/12	5,500	0.37 J	0.097 J
	03/06/13	6,700	0.40	0.13
	03/6/13 (DUP)	5,700	0.33	0.10
	09/26/13	1,500	0.38	0.24
	09/26/13 (DUP)	1,700	0.38	0.27
	03/25/14	1,800	0.57	0.14
	09/23/14	430	0.38	0.16
MW-6	12/15/98	14,000	130	31
	03/02/99	9,800	94	15

Table B-4

Dissolved Organic Gases in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Method AM20GAX (µg/L)		
		Methane	Ethane	Ethene
MW-6 (continued)	3/2/99 (DUP)	12,000	120	16
	06/16/99	11,000	100	10
	09/16/99	13,000	98	8.2
MW-7	12/14/98	1.9	0.5 U	0.5 U
	03/03/99	34	0.5 U	0.5 U
	06/17/99	7.9	0.5 U	0.5 U
	09/17/99	15	0.5 U	0.5 U
	03/02/11	0.18	0.025 U	0.026
	06/22/11	0.59	0.025 U	0.019 J
	09/22/11	8.2	0.025 U	0.046
	03/07/12	0.24	0.0032 J	0.016 J
	07/12/12	0.48	0.025 U	0.014 J
	09/27/12	28	0.0085 J	0.028
	12/19/12	1,200	0.028 J	0.034 J
	03/05/13	200	0.052	0.029
	09/24/13	240	0.055	0.024 J
	03/26/14	1.2	0.0092 J	0.010 J
	09/25/14	26	0.021 J	0.012 J
MW-8	12/14/98	23	0.5 U	0.5 U
	12/14/98 (DUP)	25	0.5 U	0.5 U
	03/02/99	12	0.5 U	0.5 U
	06/16/99	5.2	0.5 U	0.5 U
	09/16/99	18	0.5 U	0.5 U
MW-12	03/03/11	3.1	0.017 J	0.20
	06/22/11	9.3	0.080	0.54
	09/22/11	1,000	0.15	4.3
	09/22/11 (DUP)	1,600	0.20	4.7
	09/22/11 (LAB DUP)	1,500	0.19	4.4
	03/07/12	4,000	0.88	0.67
	03/7/12 (DUP)	4,000	0.85	0.63
	07/12/12	13,000	1.2	3.1
	10/02/12	14,000	1.4	4.9
	12/19/12	7,500	0.78 J	6.8
	03/06/13	11,000	1.1	7.1
	09/25/13	13,000	2.7	150
	03/25/14	7,800	1.6	5.3
	03/25/14 (DUP)	7,900	1.5	5.3
	09/23/14	12,000	4.7	6.4
MW-13	09/24/04	13,000	15	680
	04/05/05	520	1.9	27
	03/03/11	22,000	310	1,000
	06/23/11	17,000	280	510
	09/22/11	16,000	240	1,000
	03/07/12	29,000	540	440
	07/12/12	18,000	450	160
	10/02/12	22,000	450	29
	12/19/12	20,000	420	80
	03/07/13	20,000	570	3.2
	09/25/13	19,000	410	230
	03/26/14	16,000	440	2.2
	09/23/14	27,000	690	220

Table B-4

Dissolved Organic Gases in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Method AM20GAX (µg/L)		
		Methane	Ethane	Ethene
MW-14	09/24/04	5,800	2.2	1.2
	04/05/05	5,900	0.41	0.55 U
MW-15	09/24/04	7,700	1.7	0.8 U
	04/05/05	6,500	1.5	0.55 U
MW-16	09/23/04	16,000	3.2	1.3
	04/05/05	17,000	3.7	2.0
MW-17	09/23/04	13,000	290	61
	09/23/04 (DUP)	13,000	290	60
	04/05/05	13,000	290	70
	03/07/11	21,000	470	21
	06/23/11	18,000	670	8.6
	09/22/11	19,000	530	12
	03/08/12	20,000	550	4.2
	07/12/12	16,000	580	14
	10/01/12	18,000	440	13
	12/19/12	18,000	520	7.6
	03/07/13	18,000	570	3.6
	09/26/13	20,000	390	3.6
	03/26/14	14,000	300	3.0
	09/25/14	21,000	240	1.6
MW-18	09/23/04	4,500	25	3.2
	04/05/05	4,800	16	1.5
	04/5/05 (DUP)	5,700	19	1.8
	03/04/11	10,000	260	67
	06/23/11	9,000	24	0.42
	09/22/11	8,000	20	0.19
	03/07/12	9,700	39	36
	07/12/12	10,000	100	35
	10/01/12	750	2.0	0.98
	12/19/12	12,000	50	6.2
	03/05/13	11,000	22	0.18
	09/26/13	10,000	220	0.18
	03/26/14	14,000	44	0.14
	09/24/14	8,200	26	0.61
MW-19	09/23/04	5,600	32	870
	04/05/05	5,400	40	97
	07/12/12	1,000	140	270
	12/19/12	18,000	230	520
	03/05/13	12,000	270	840
MW-20	09/20/05	13,000	240	10
MW-21	03/02/11	17,000	140	1,600
	03/2/11 (DUP)	16,000	130	1,400
	06/23/11	18,000	100	1,400
	06/23/11 (DUP)	20,000	110	1,600
	09/22/11	21,000	120	1,500
	03/08/12	17,000	150	720
	07/12/12	14,000	94	970
	10/02/12	14,000	84	1,200
	10/02/12	12,000	73	1,100
	12/20/12	14,000	89	830

Table B-4

Dissolved Organic Gases in Groundwater
Univar USA Inc. Facility, Kent, Washington

Sample Location	Date Collected	Method AM20GAX (µg/L)		
		Methane	Ethane	Ethene
MW-21 (continued)	03/06/13	18,000	96	1,200
	09/25/13	20,000	60	1,000
	03/26/14	25,000	140	830
	09/24/14	25,000	280	730
MW-22	03/04/11	16,000	880	940
	06/23/11	15,000	780	140
	09/23/11	18,000	1,100	220
	03/08/12	27,000	620	900
	07/12/12	18,000	470	860
	10/02/12	22,000	600	810
	12/19/12	24,000	640	120
	03/06/13	24,000	520	330
	09/25/13	23,000	430	290
	03/26/14	25,000	480	170
	09/24/14	26,000	390	37
MW-23	03/02/11	8.6	0.039	0.11
	06/22/11	4.4	0.016 J	0.042
	09/23/11	5.8	0.091	0.24
	03/07/12	160	0.21	0.05
	07/12/12	2,200	1.1	0.028
	09/27/12	4,800	3.0	0.040
	12/19/12	670	0.35 J	0.044 J
	03/05/13	210	0.15	0.039
	09/24/13	97	0.070	0.026
	03/26/14	110	0.22	0.0200 J
	09/25/14	360	0.072	0.018 J
	09/25/14 (DUP)	300	0.063	0.025
P-1	09/24/04	5,100	3.0	0.8 U

NOTES:
Analyses prior to 2011 performed using Modified RSK Method 175.
Analyses from 2011 on performed using Microseeps Method AM20GAX.
µg/L = micrograms per liter
U = not detected, the associated value is the quantification limit.
J = estimated concentration between the method detection and reporting limits.
(DUP) = duplicate sample collected in the field and blind labeled.

Table B-5

Groundwater Microbiological Test Results
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Dhc		*vcrA*		Dhb	
		(cells/L)	Percent Dhc	(gene copies/L)	Percent *vcrA*	(cells/L)	Percent Dhb
MW-5 Area							
MW-5	10/21/11	3×10^3	0.0007 - 0.002	2×10^3 U	NA	2×10^3 U	NA
	09/27/12	1×10^3 U	NA	–	–	4×10^4	0.007 - 0.02
	09/26/13	1×10^4 J	0.003 - 0.008 J	2×10^4 C	0.003 - 0.01	1×10^3	0.0002 - 0.0006
	09/23/14	1×10^3 U	NA	–	–	1×10^3 U	NA
MW-7	10/20/11	1×10^3 J	0.0004 - 0.001	2×10^3 U	NA	2×10^3 U	NA
	09/27/12	1×10^3 U	NA	–	–	2×10^3 U	NA
	09/24/13	1×10^3 J	0.0005 - 0.002 J	1×10^3 U	NA	1×10^3 U	NA
	09/25/14	1×10^3 U	NA	–	–	1×10^3 U	NA
MW-12	10/21/11	7×10^5	0.04 - 0.1	2×10^5	0.01 - 0.04	2×10^5	0.01 - 0.04
	10/02/12	4×10^6	0.2 - 0.5	5×10^6	0.2 - 0.6	4×10^5	0.02 - 0.05
	09/25/13	4×10^7	4 - 12	2×10^7	2 - 7	1×10^6	0.2 - 0.5
	09/23/14	4×10^3	0.0006 - 0.002	9×10^3 J	0.001 - 0.004 J	1×10^3 J	0.0002-0.0006 J
MW-23	10/20/11	1×10^3 J	0.0007 - 0.002	2×10^3 U	NA	2×10^3 U	NA
	09/27/12	1×10^3	0.0002 - 0.0005	1×10^3 U	NA	2×10^3 U	NA
	09/24/13	1×10^3 U	NA	–	–	1×10^3 U	NA
	09/25/14	1×10^3 U	NA	–	–	1×10^3 U	NA
IW-211	10/21/11	3×10^7	2 - 7	3×10^7	2 - 7	4×10^5	0.04 - 0.1
	10/02/12	2×10^9	4 - 12	2×10^9	5 - 15	3×10^5	0.0007 - 0.002
MW-13/MW-21 Area							
MW-13	10/20/11	5×10^7	3 - 10	4×10^7	3 - 9	2×10^5	0.01 - 0.04
	10/02/12	1×10^7	0.8 - 2	2×10^7	1 - 3	9×10^4	0.005 - 0.02
	09/25/13	4×10^6 J	0.4 - 1 J	3×10^5	0.3 - 1	4×10^4	0.004 - 0.01
	09/23/14	3×10^5	0.04 - 0.1	7×10^5 J	0.09 - 0.3 J	1×10^3 U	NA
MW-21	10/20/11	4×10^7	6 - 16	4×10^7	5 - 14	2×10^6	0.3 - 0.8
	10/02/12	5×10^7	1 - 3	7×10^7	2 - 5	8×10^6	0.2 - 0.6
	09/25/13	1×10^8	5 - 14	9×10^7	4 - 11	3×10^5	0.01 - 0.04
	09/24/14	6×10^5	0.06 - 0.2	2×10^6 J	0.2 - 0.7 J	4×10^4 J	0.003 - 0.01 J
MW-22	10/21/11	1×10^7	4 - 13	8×10^6	3 - 9	4×10^4	0.02 - 0.05
	10/02/12	3×10^7	3 - 8	6×10^7	5 - 14	3×10^4	0.003 - 0.008
	09/25/13	3×10^7	6 - 16	2×10^7	4 - 12	1×10^5	0.03 - 0.08
	09/24/14	4×10^5	0.05 - 0.1	9×10^5 J	0.1 - 0.3 J	1×10^3 J	0.0002 - 0.0005 J
IW-117	10/20/11	5×10^5	0.02 - 0.06	5×10^5	0.02 - 0.06	4×10^4	0.002 - 0.005
	10/02/12	3×10^5	0.0005 - 0.002	2×10^6 C	0.003 - 0.008	3×10^5	0.0005 - 0.002

Table B-5

Groundwater Microbiological Test Results
Univar USA Inc., Kent, Washington

Sample Location	Date Collected	Dhc		*vcrA*		Dhb	
		(cells/L)	Percent Dhc	(gene copies/L)	Percent *vcrA*	(cells/L)	Percent Dhb
IW-140	10/21/11	5×10^5	0.007 - 0.02	5×10^5 C	0.008 - 0.02	3×10^5	0.004 - 0.01
	10/02/12	3×10^4	0.00009 - 0.0003	6×10^5 C	0.002 - 0.005	7×10^4	0.0002 - 0.0006
MW-19 Area							
MW-19	09/25/14	2×10^5	0.03 - 0.09	4×10^5 J	0.06 - 0.2 J	1×10^3 U	NA

NOTES: Samples analyzed by SiREM using SiREM's Gene-Trac® qPCR method.

Dhc = *Dehalococcoides*; based on quantification of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies. Dhc are generally reported to contain one 16s rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

vcrA = vinyl chloride reductase gene.

Dhb = *Dehalobacter*; based on quantification of Dhb 16S rRNA gene copies.

Percent Dhc, Dhb, and *vcrA* = percent Dhc or Dhb in the microbial population and the percent of the microbial population harboring the *vcrA* gene.

U = not detected, the associated value is the quantification limit.

J = estimated value

C = correction factor applied to correct for non-PCR amplification products.

– = not analyzed.

NA = not applicable as either not detected or quantifiable DNA not extracted from the sample.

Values of Dhc at or below 10^4 gene copies/L are low, indicating that the conditions are suboptimal for high rates of dechlorination.

Values of 10^5- 10^6 Dhc gene copies/L are moderate and may or may not be associated with observable dechlorination activity.

Values at or above 10^7 Dhc gene copies/L are high and are often associated with high rates of dechlorination.

Values of 10^9 Dhc gene copies/L are generally the highest observed for groundwater samles with rare exceptions.

Table B-6

Groundwater Volatile Fatty Acids
Univar Facility, Kent, Washington

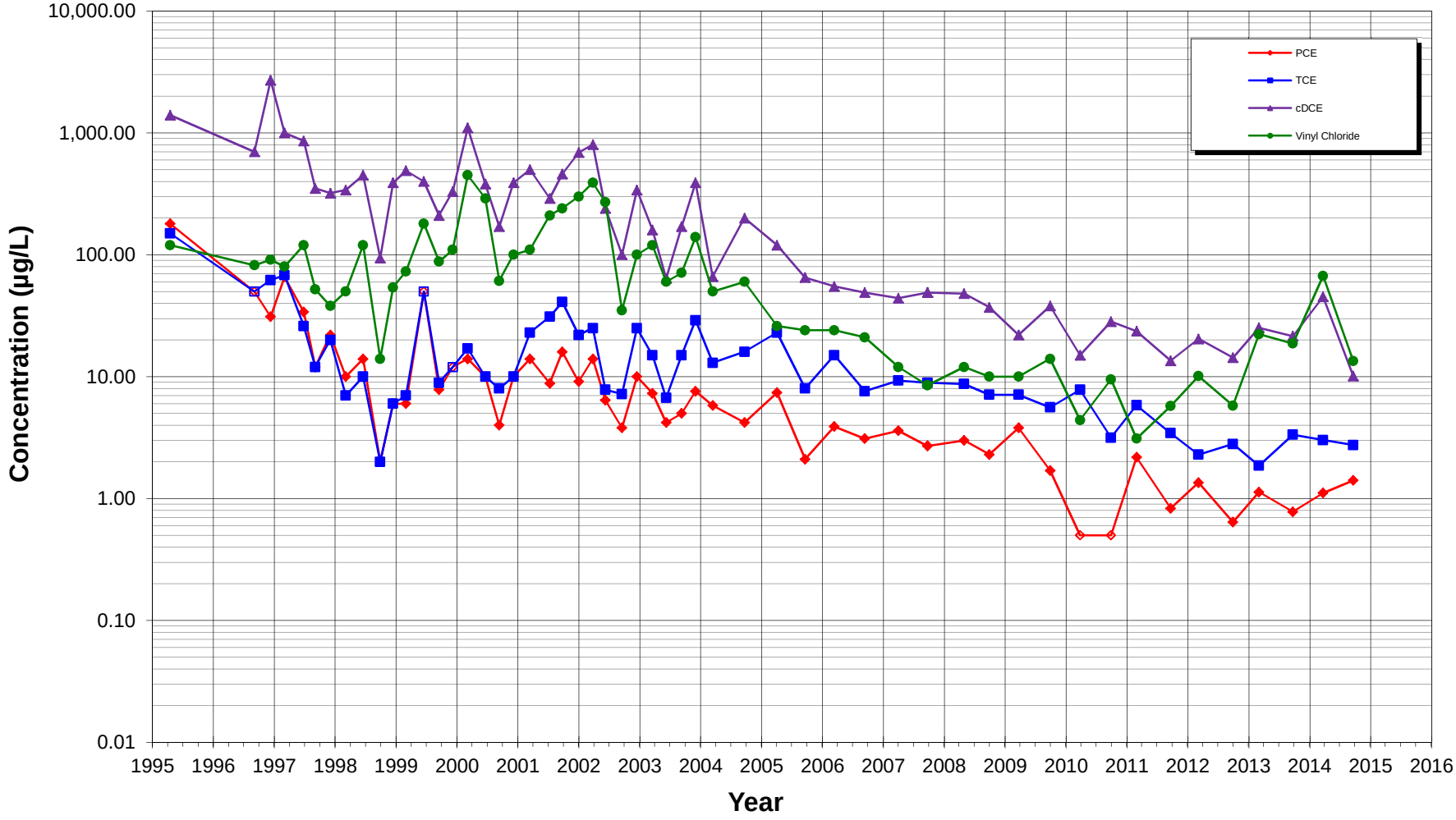
Location	Date	Lactic Acid		Acetic Acid		Propionic Acid		Butyric Acid		Pyruvic Acid		i-Pentanoic Acid		Pentanoic Acid		i-Hexanoic Acid		Hexanoic Acid	
MW-12	10/02/12	0.10	U	0.070	U	0.050	U	**0.055**		0.15	U	0.15	U	0.070	U	0.050	U	0.10	U
MW-13	10/02/12	0.10	U	**0.25**		0.050	U	0.050	U	0.15	U	0.15	U	0.070	U	0.050	U	0.10	U
MW-21	10/02/12	1.0	U	**380**		**56**		**30**		**8.1**		**0.74**	**J**	**5.6**		**0.54**		**2.5**	
(DUP)	10/02/12	1.0	U	**380**		**56**		**30**		**8.8**		**0.76**	**J**	**5.6**		**0.60**		**2.5**	

NOTES:
1. All results in mg/L; detections are shown in bold.
2. < = not detected at or above the method reporting limit.
3. J = result is an estimate based on laboratory quality control results or data quality review.
4. DUP = duplicate sample.
5. All analyses performed by Microseeps, Inc., of Pittsburgh, PA, using Microseeps Method AM23G.

APPENDIX C

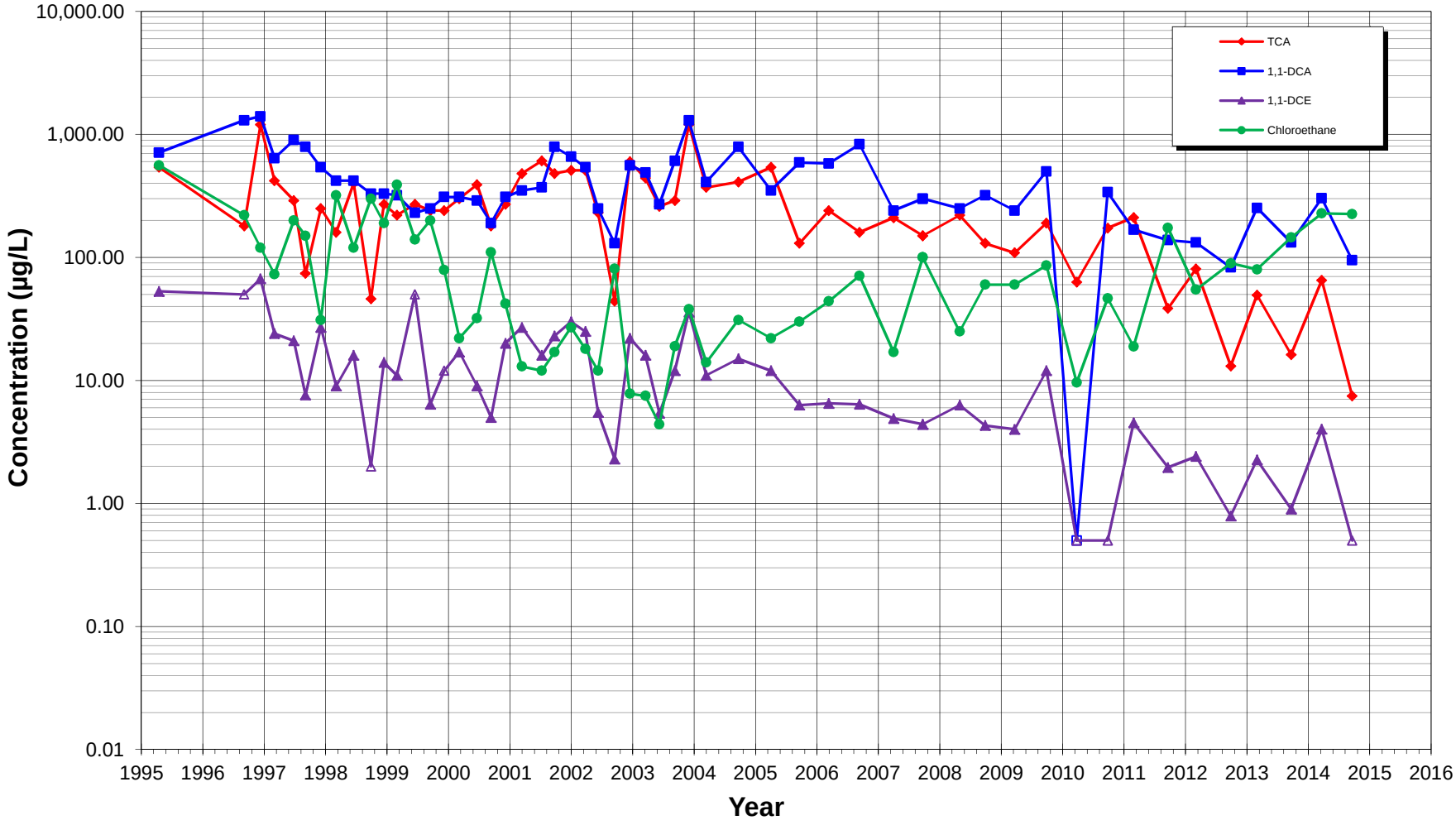
ANALYTICAL DATA PLOTS OF CONSTITUENTS AND MICROBIAL POPULATIONS

Figure C1. Constituent vs Time
Monitoring Well MW-1
Univar USA Inc., Kent, Washington



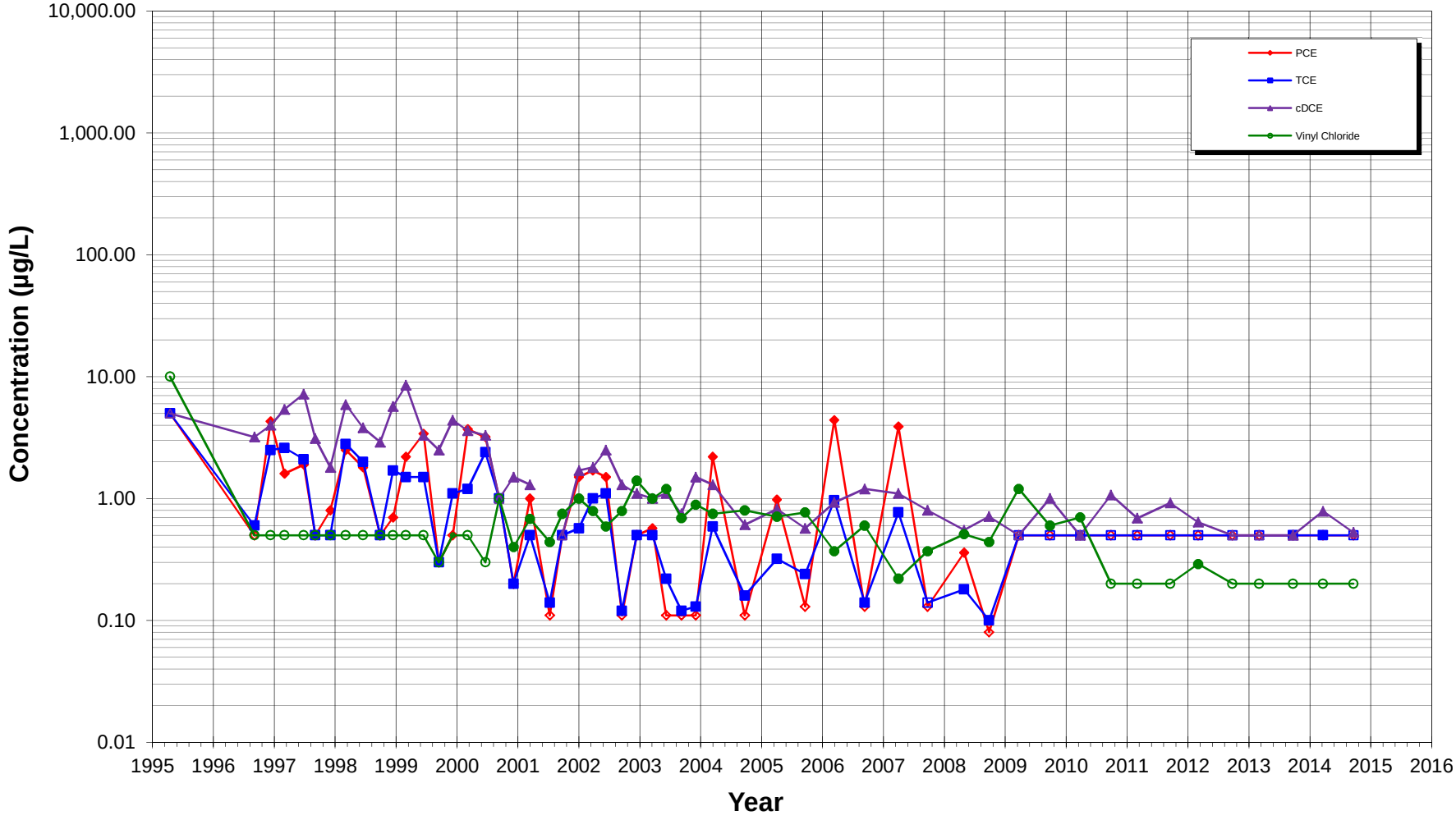
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L and Vinyl Chloride = 0.5 µg/L.

Figure C2. Constituent vs Time
Monitoring Well MW-1
Univar USA Inc., Kent, Washington



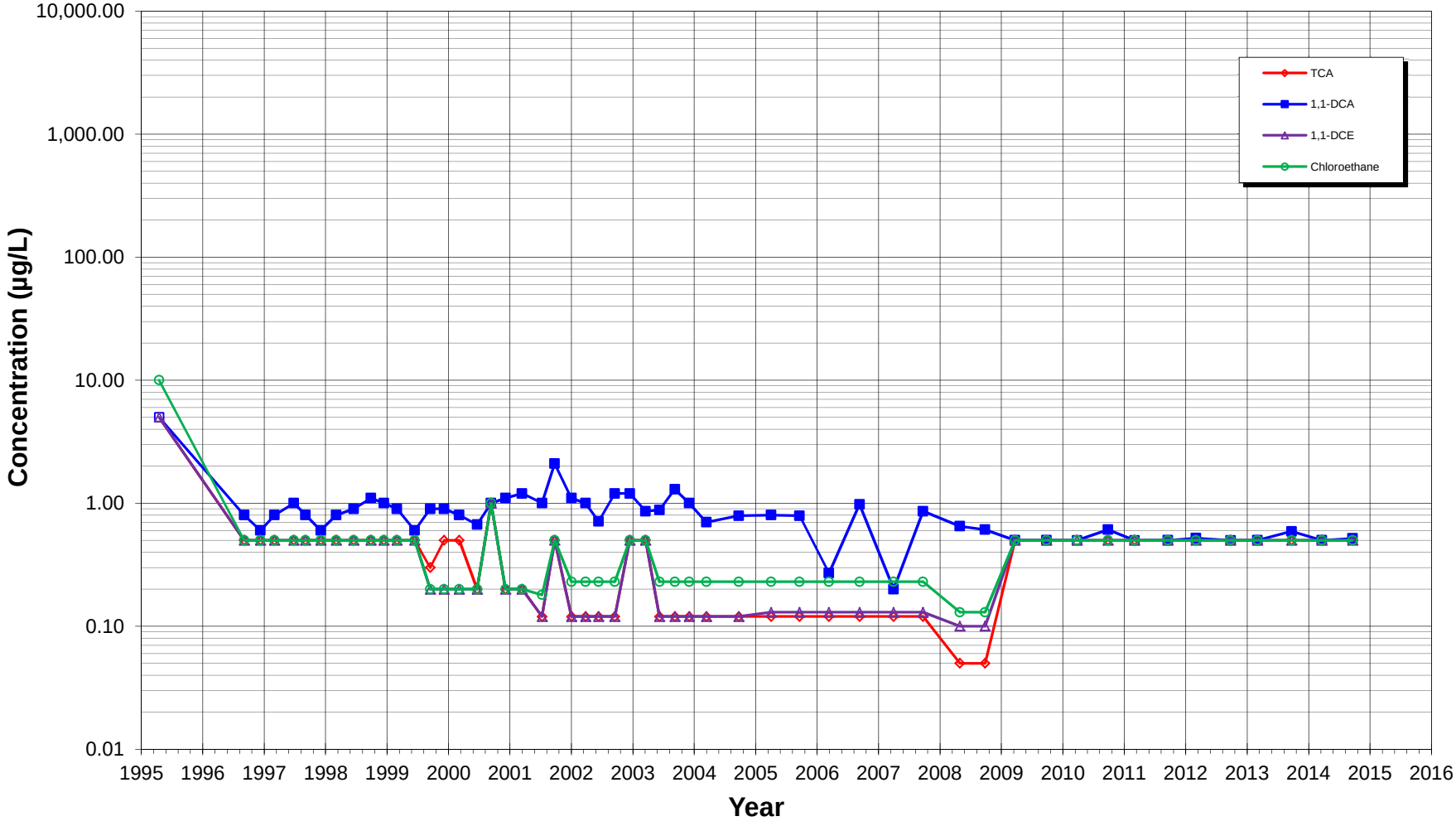
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C3. Constituent vs Time
Monitoring Well MW-2
Univar USA Inc., Kent, Washington



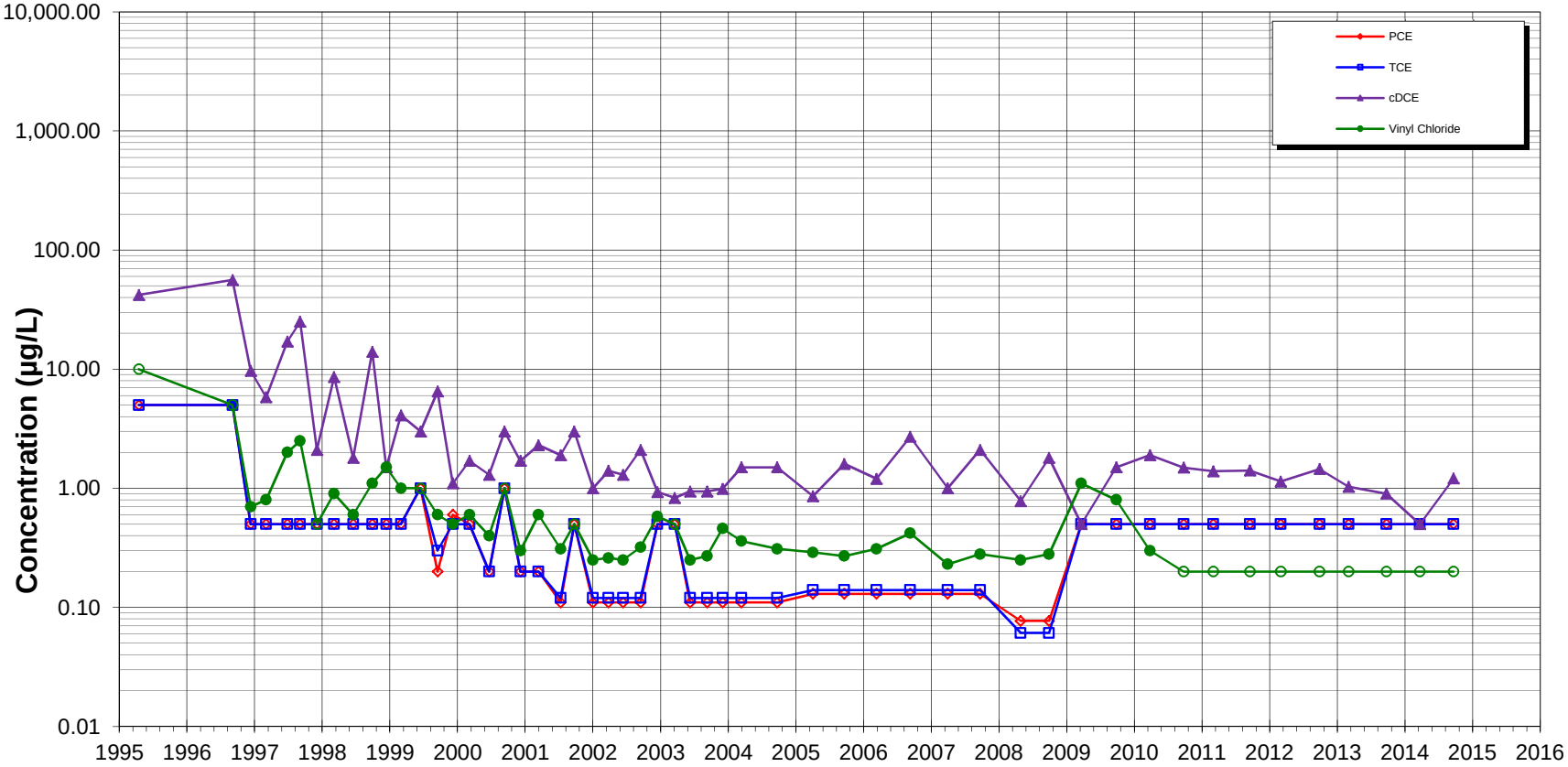
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L and Vinyl Chloride = 0.5 µg/L.

Figure C4. Constituent vs Time
Monitoring Well MW-2
Univar USA Inc., Kent, Washington



Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

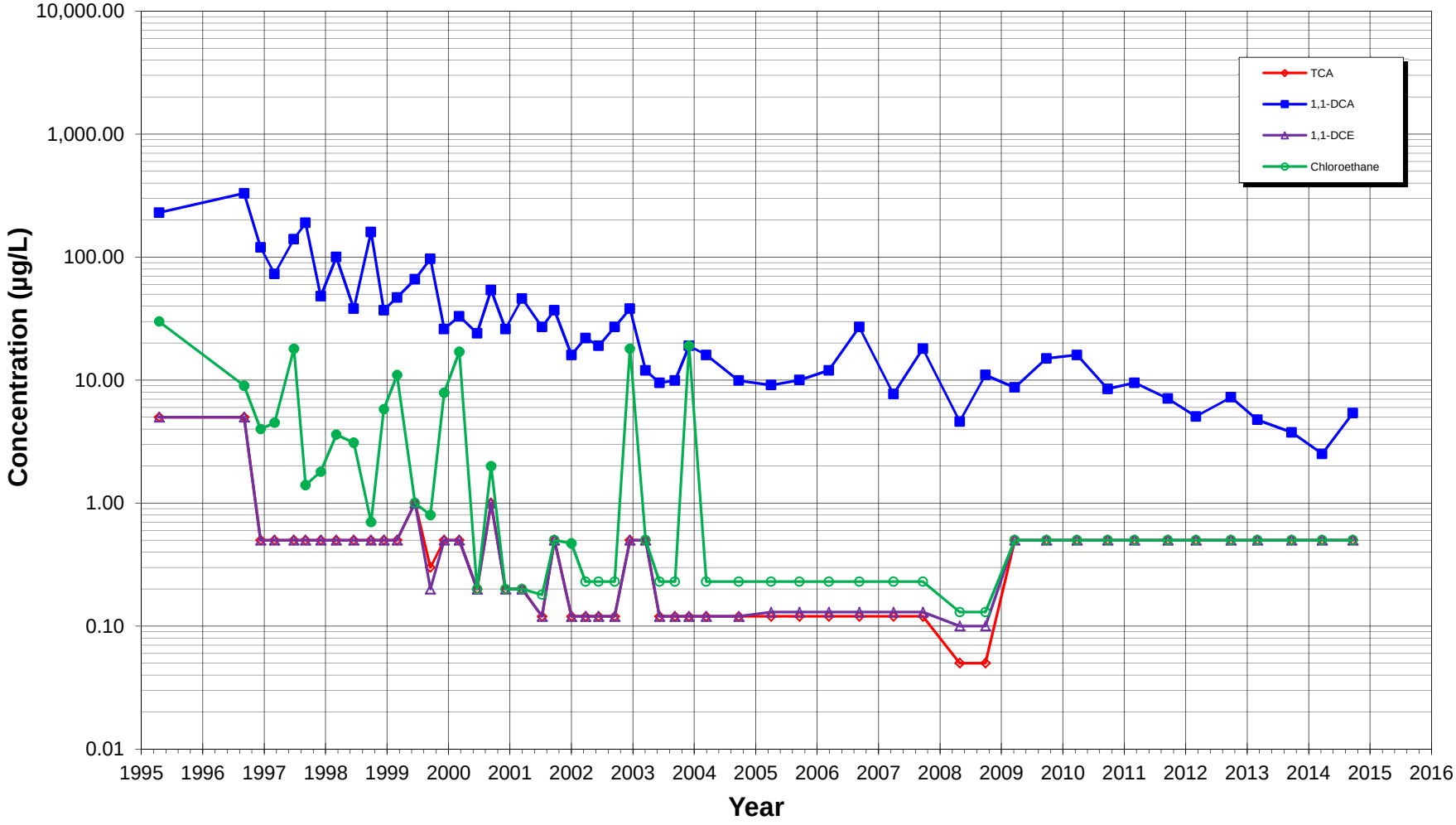
Figure C5. Constituent vs Time
Monitoring Well MW-3
Univar USA Inc., Kent, Washington



Year

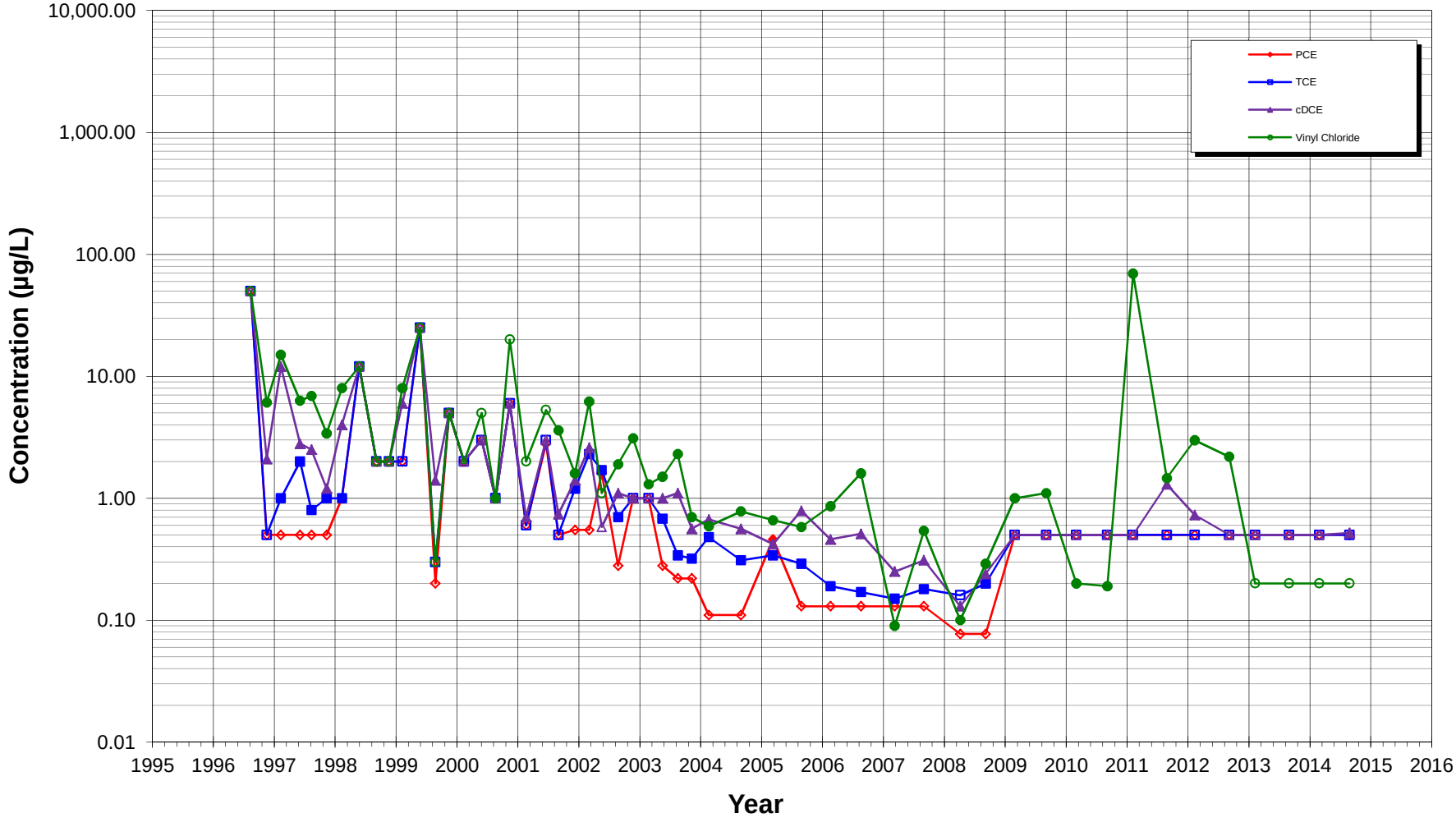
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L and Vinyl Chloride = 0.5 µg/L.

Figure C6. Constituent vs Time
Monitoring Well MW-3
Univar USA Inc., Kent, Washington



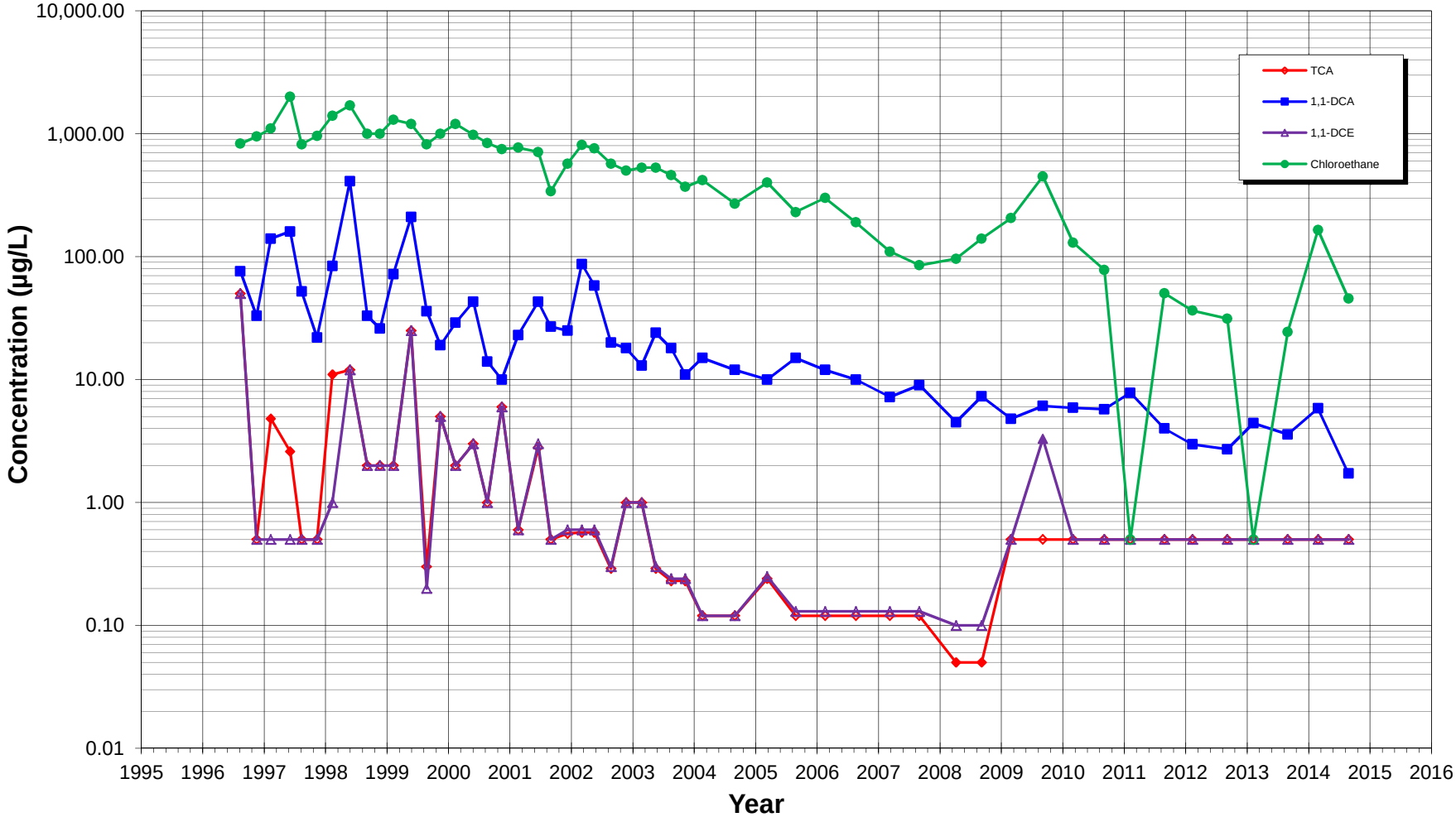
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C7. Constituent vs Time
Monitoring Well MW-4
Univar USA Inc., Kent, Washington



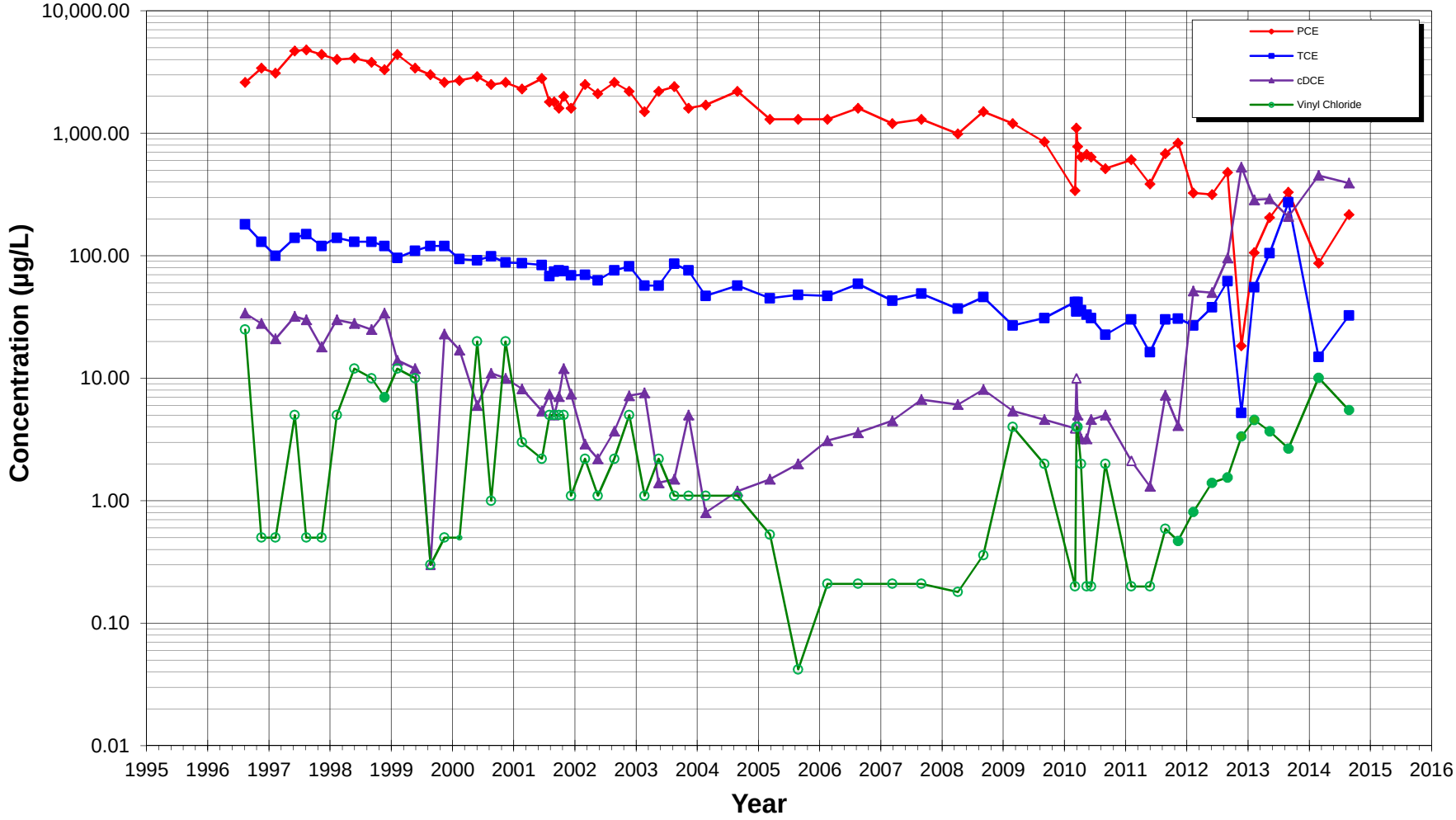
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L and Vinyl Chloride = 0.5 µg/L.

Figure C8. Constituent vs Time
Monitoring Well MW-4
Univar USA Inc., Kent, Washington



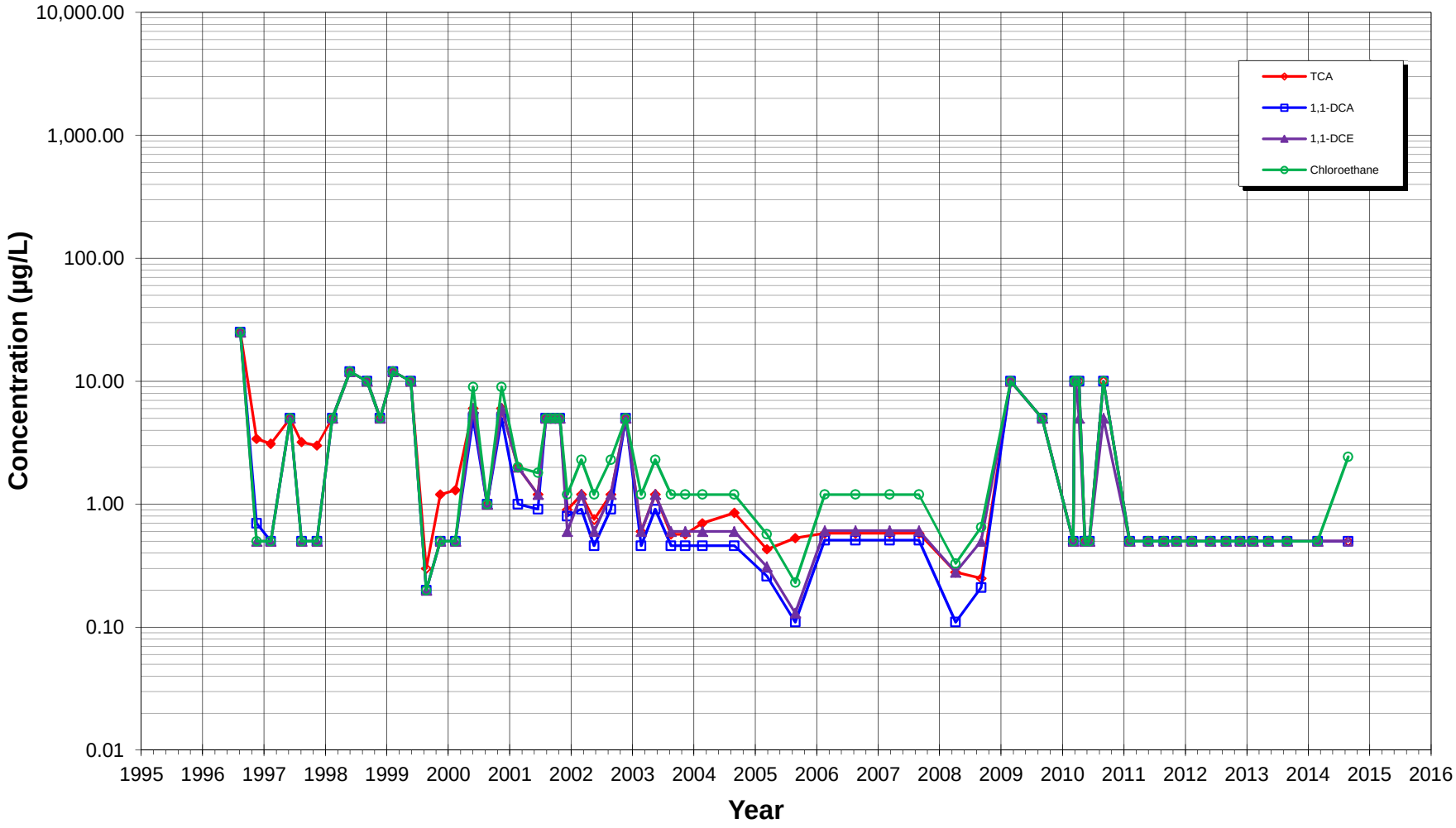
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C9. Constituent vs Time
Monitoring Well MW-5
Univar USA Inc., Kent, Washington



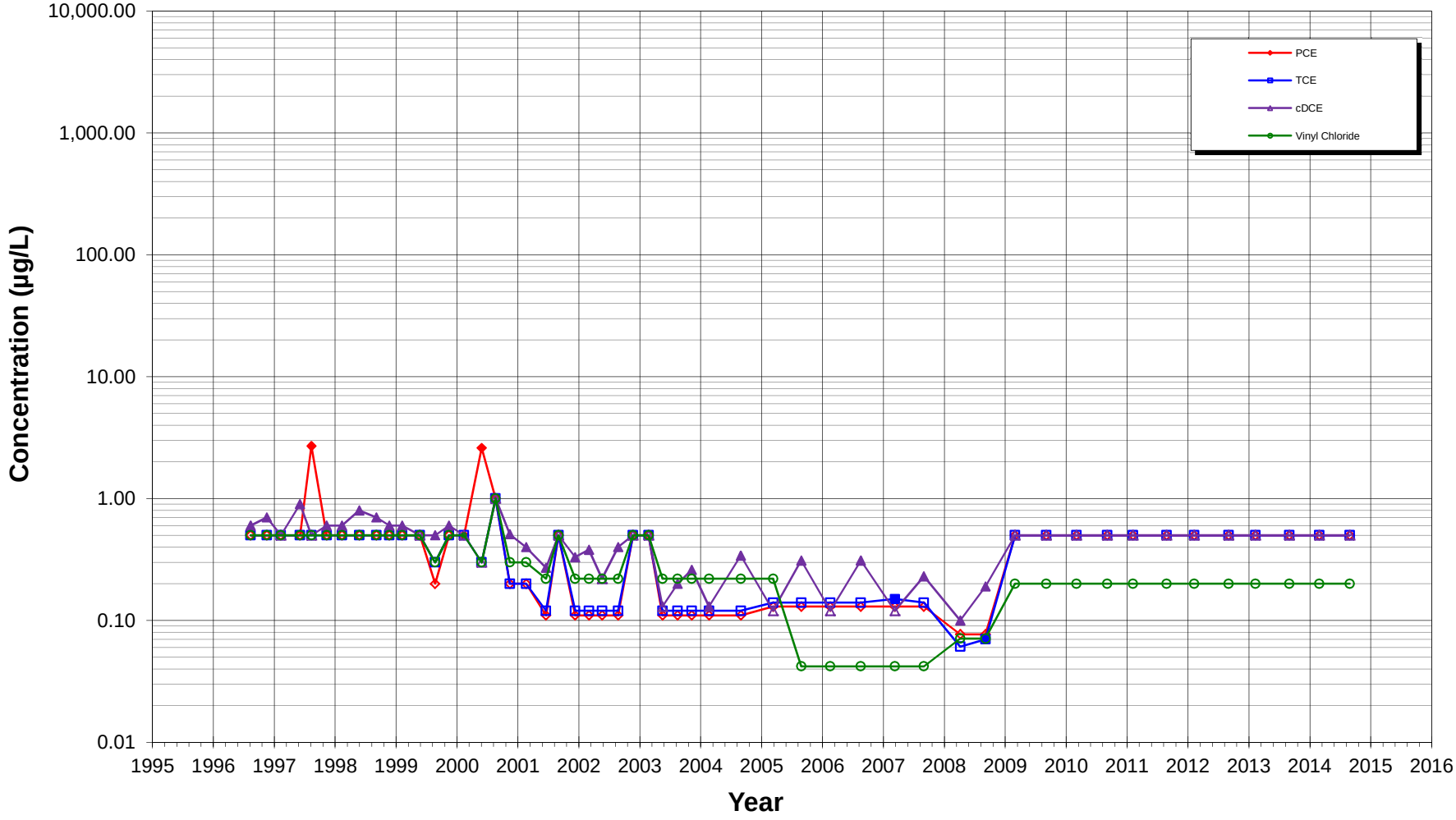
Notes:
1) Initial shallow injection in March and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L and Vinyl Chloride = 0.5 µg/L.

Figure C10. Constituent vs Time
Monitoring Well MW-5
Univar USA Inc., Kent, Washington



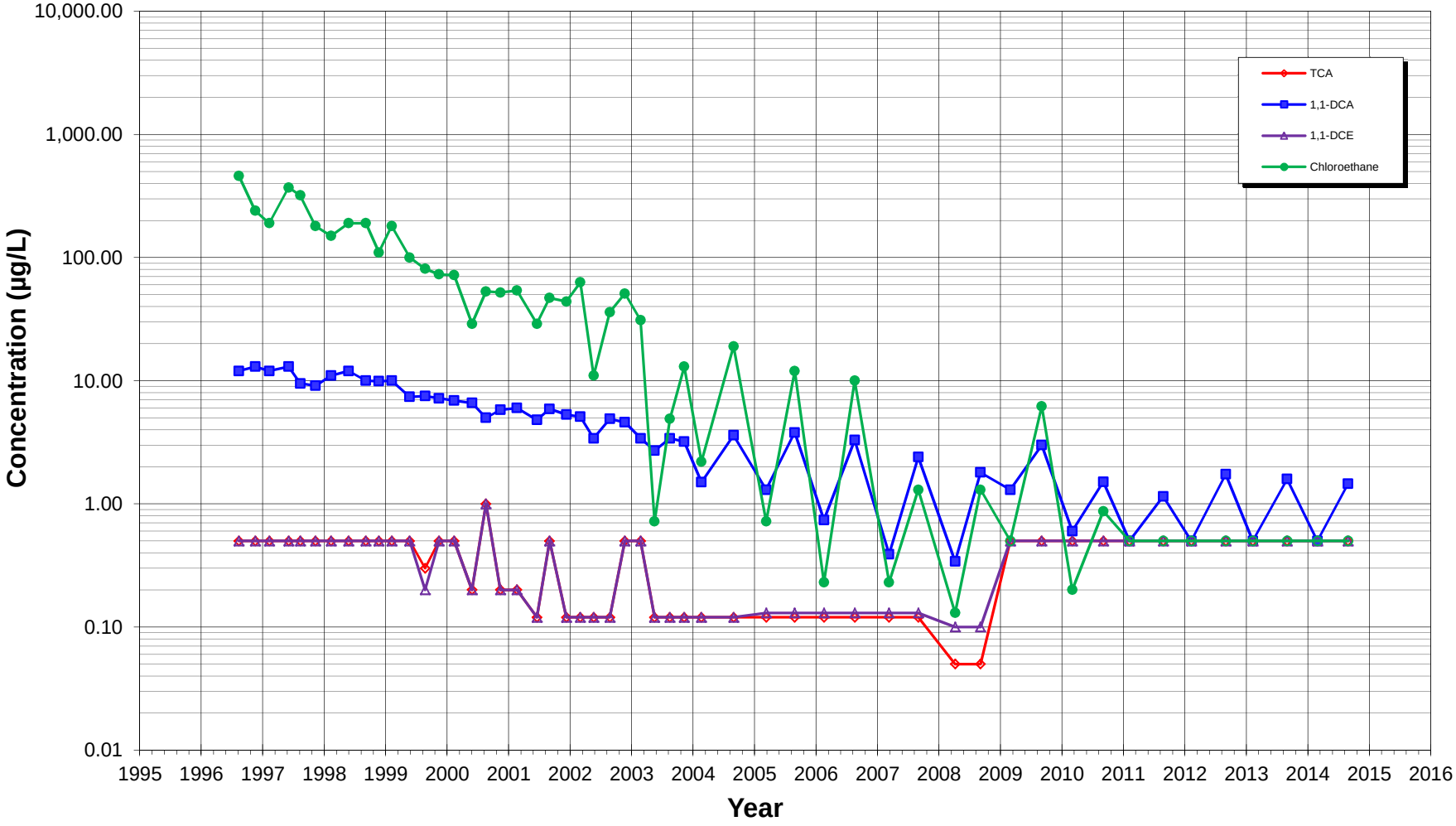
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C11. Constituent vs Time
Monitoring Well MW-6
Univar USA Inc., Kent, Washington



Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L and Vinyl Chloride = 0.5 µg/L.

Figure C12. Constituent vs Time
Monitoring Well MW-6
Univar USA Inc., Kent, Washington

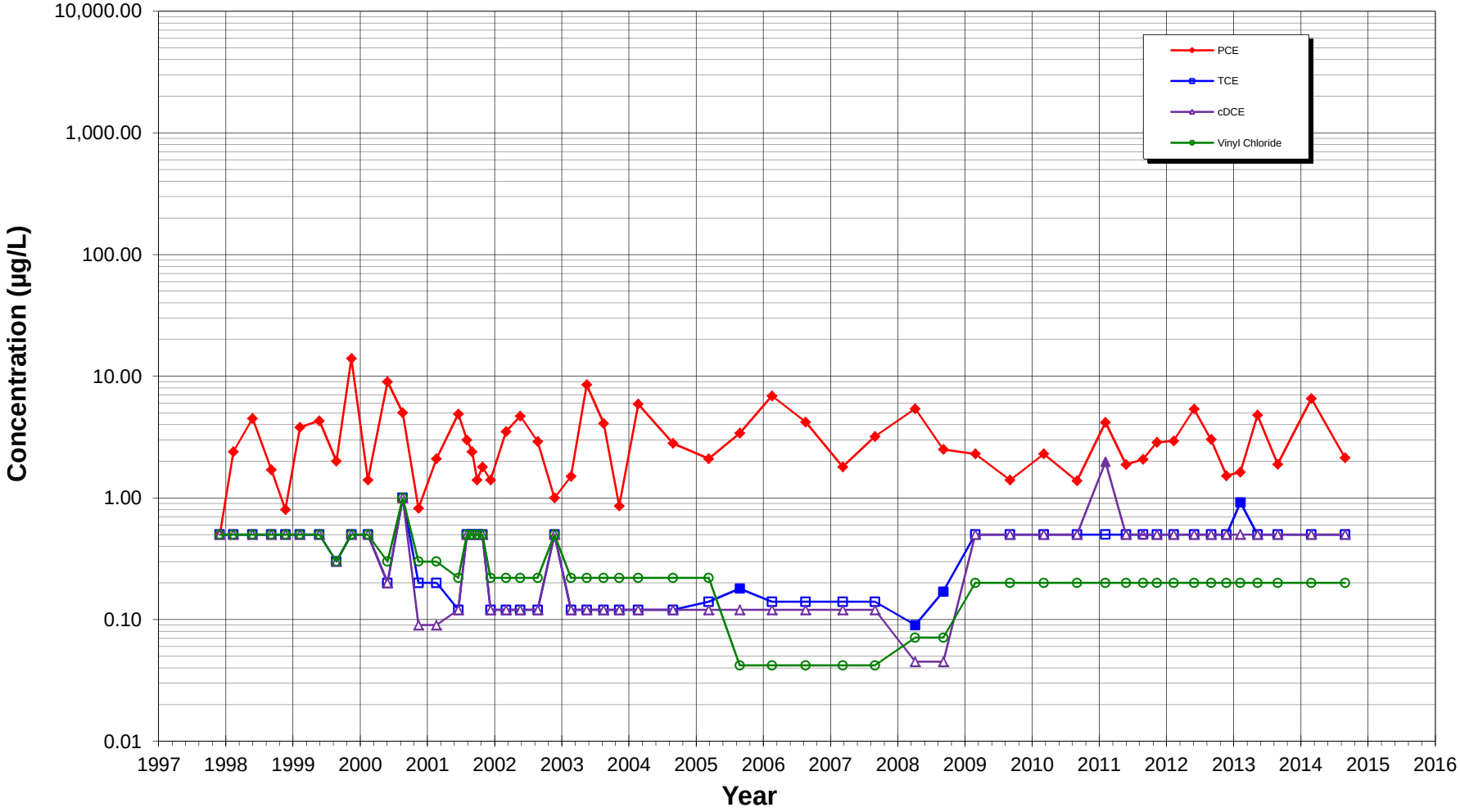


Notes:

1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.

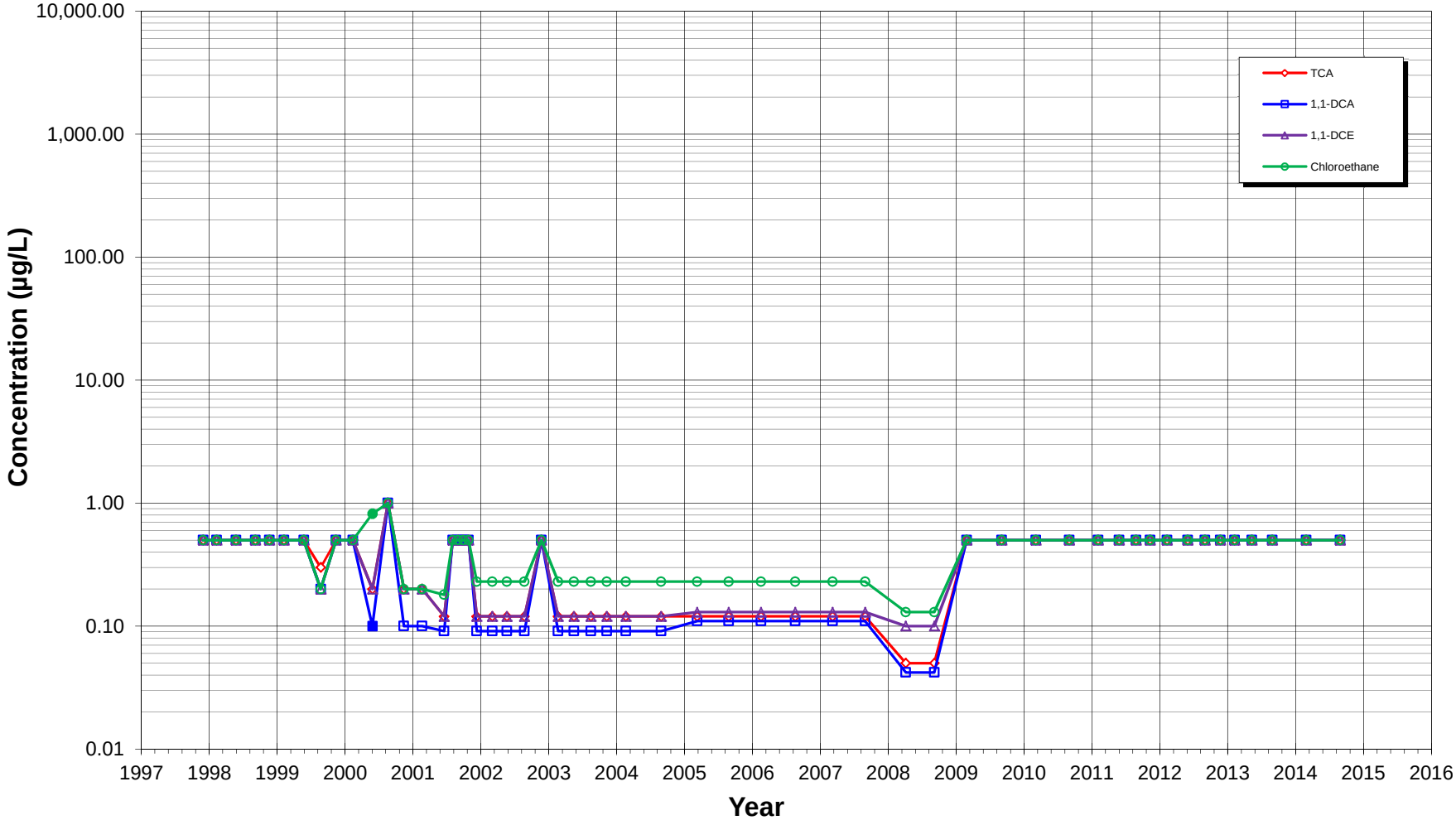
2) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C13. Constituent vs Time
Monitoring Well MW-7
Univar USA Inc., Kent, Washington



Notes:
1) Initial shallow injection in March and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L and Vinyl Chloride = 0.5 µg/L.

Figure C14. Constituent vs Time
Monitoring Well MW-7
Univar USA Inc., Kent, Washington

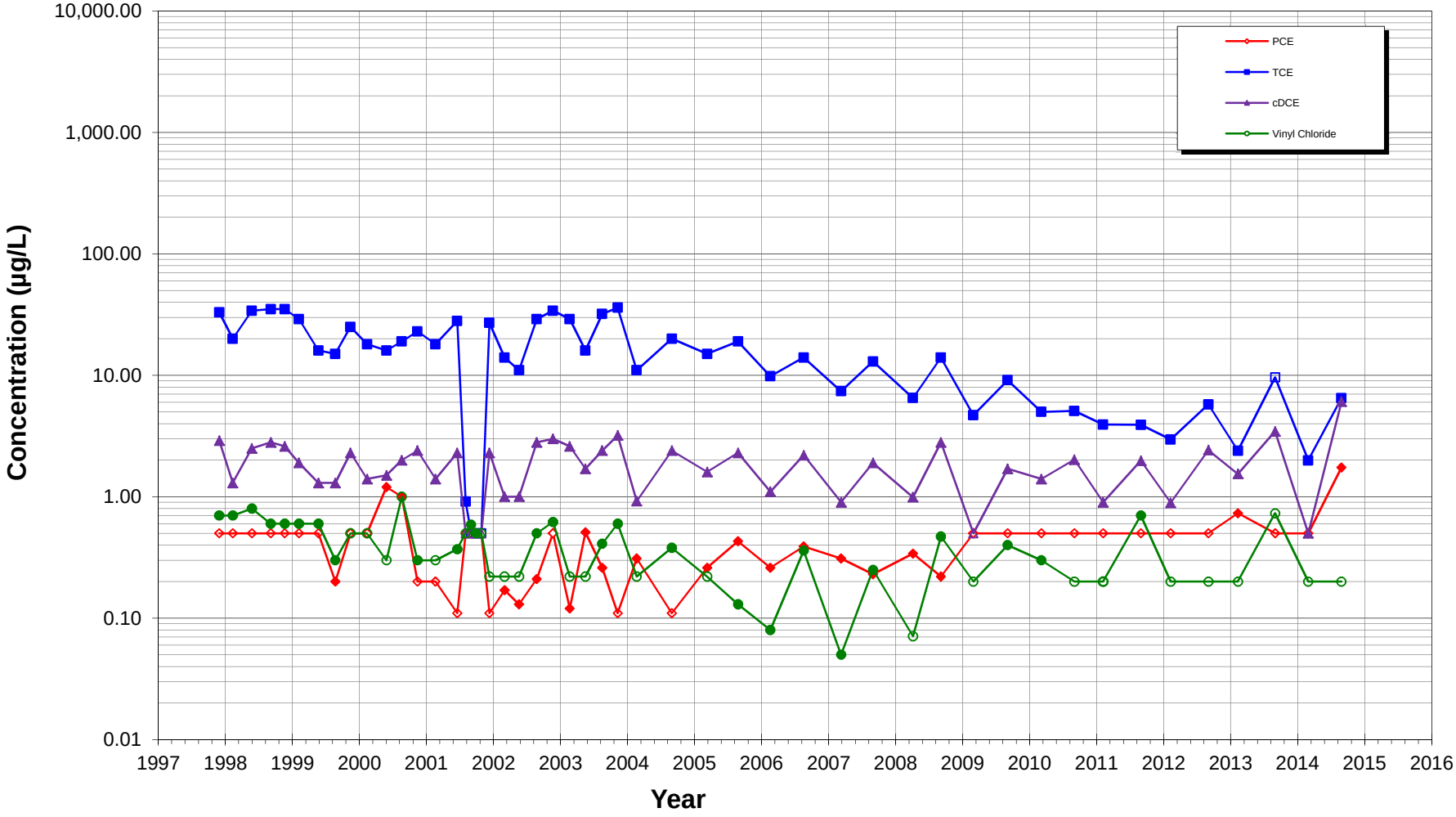


Notes:

1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.

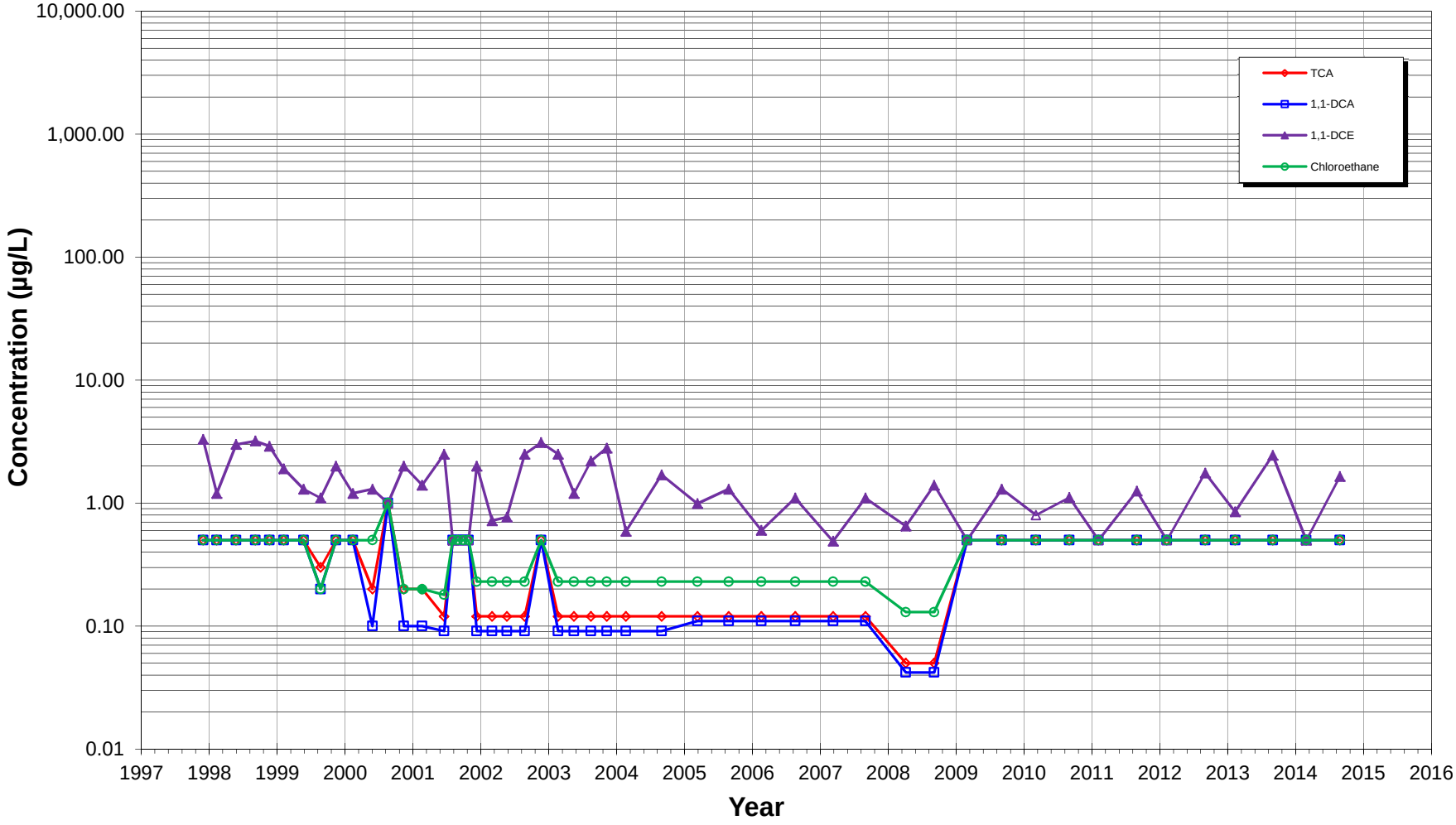
2) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C15. Constituent vs Time
Monitoring Well MW-8
Univar USA Inc., Kent, Washington



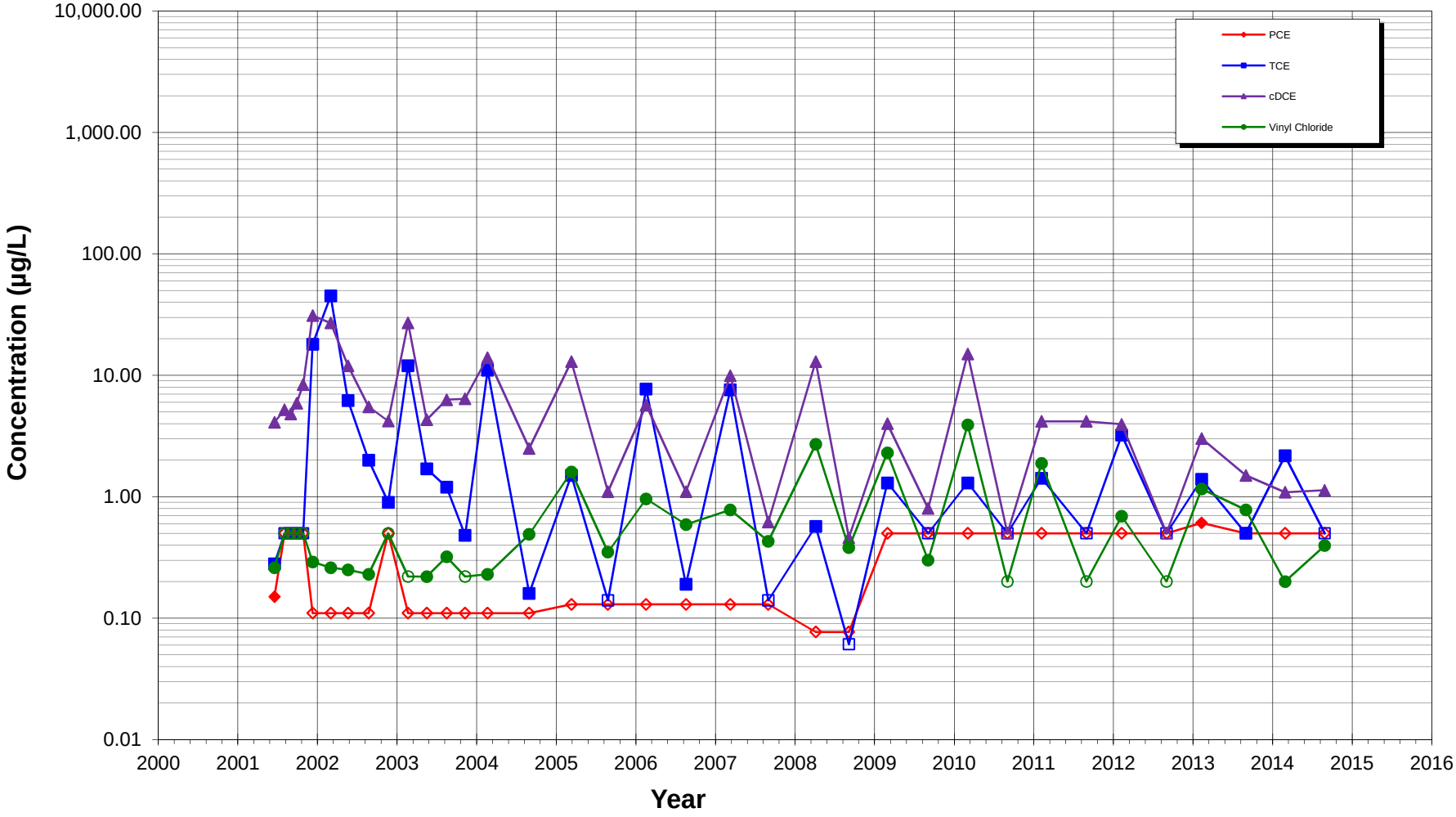
Notes:
1) Initial shallow injection in March and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L and Vinyl Chloride = 0.5 µg/L.

Figure C16. Constituent vs Time
Monitoring Well MW-8
Univar USA Inc., Kent, Washington



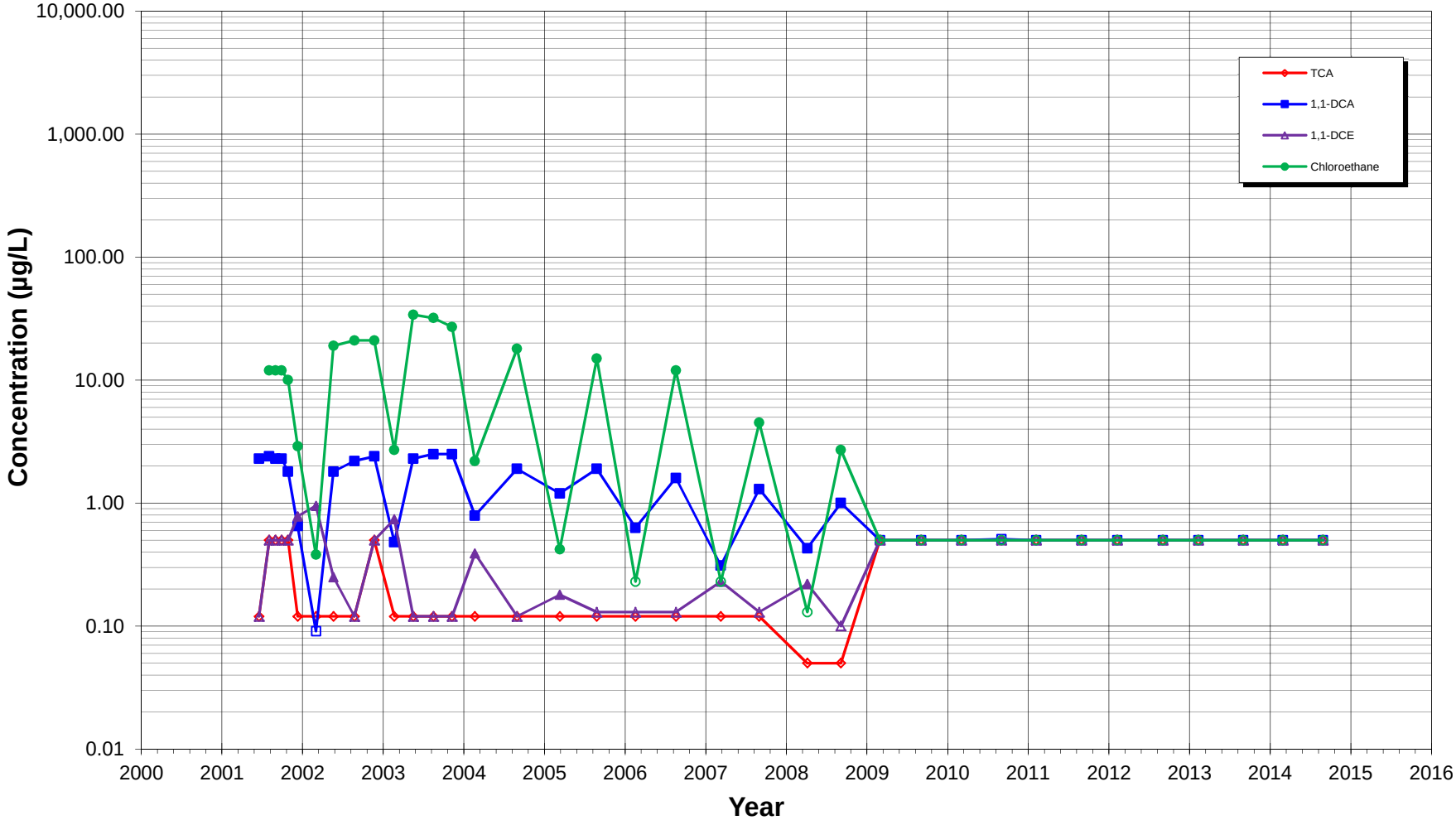
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C17. Constituent vs Time
Monitoring Well MW-9
Univar USA Inc., Kent, Washington



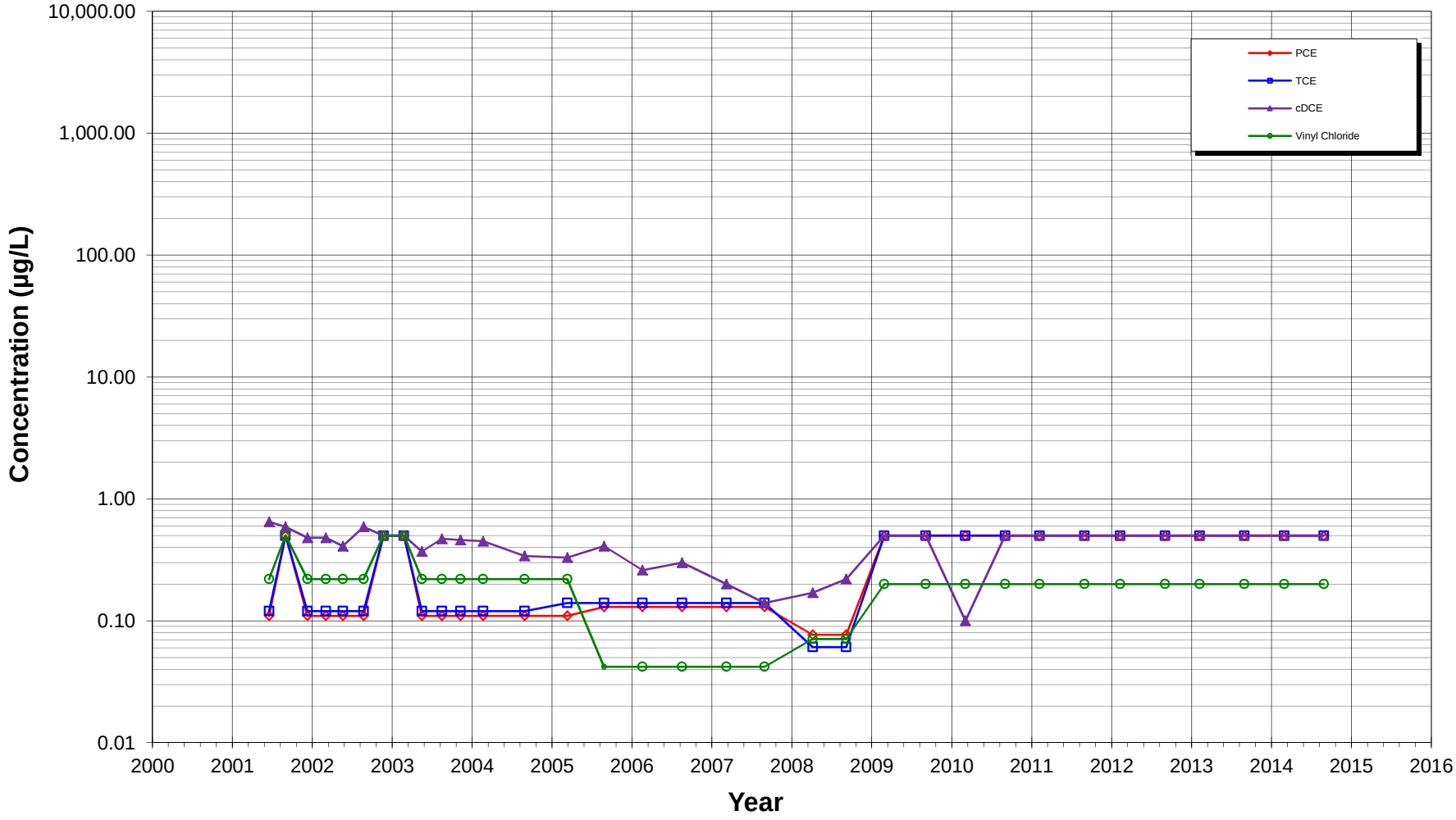
Notes:
1) Initial shallow injection in March and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L and Vinyl Chloride = 0.5 µg/L.

Figure C18. Constituent vs Time
Monitoring Well MW-9
Univar USA Inc., Kent, Washington



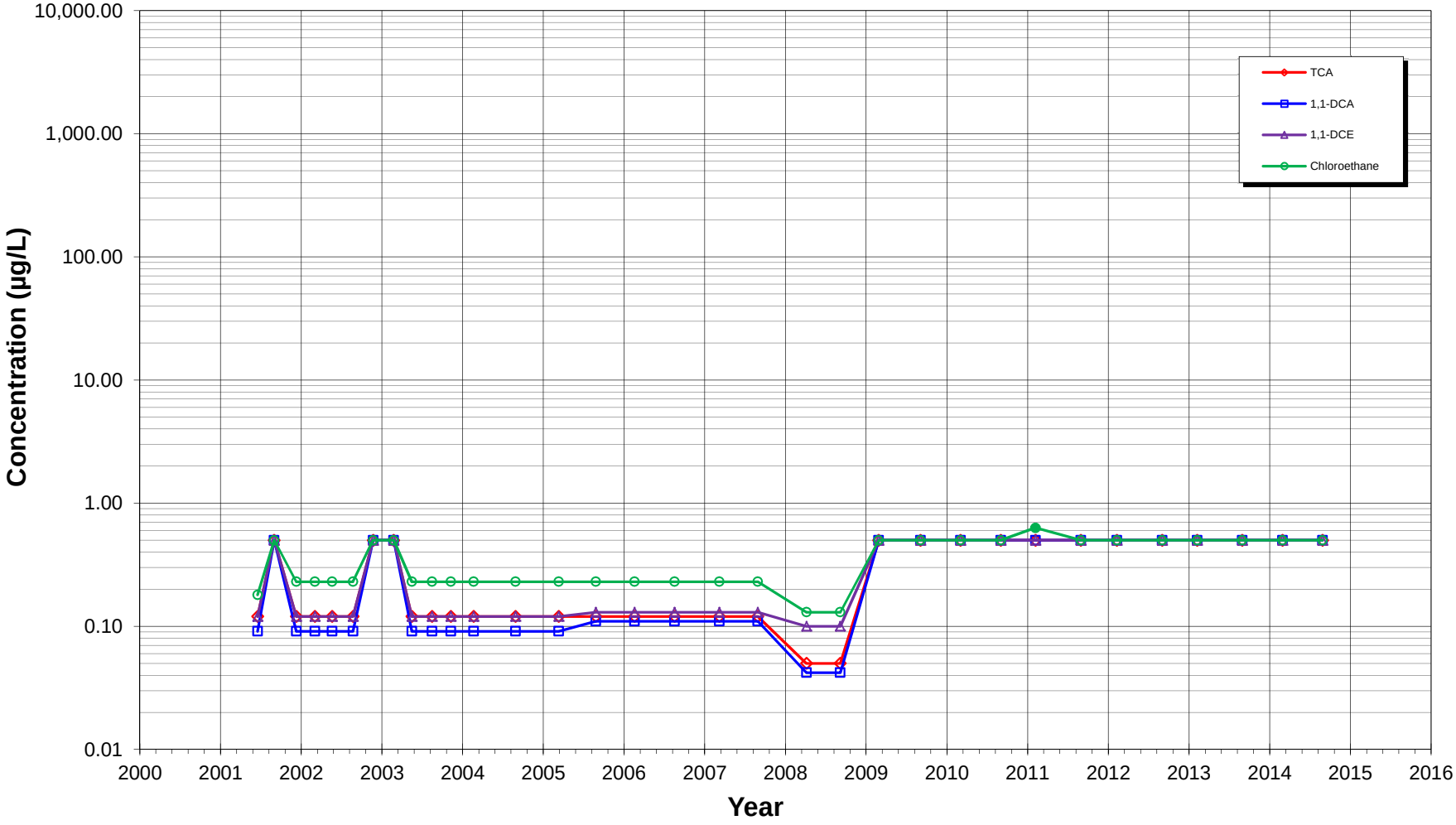
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C19. Constituent vs Time
Monitoring Well MW-10
Univar USA Inc., Kent, Washington



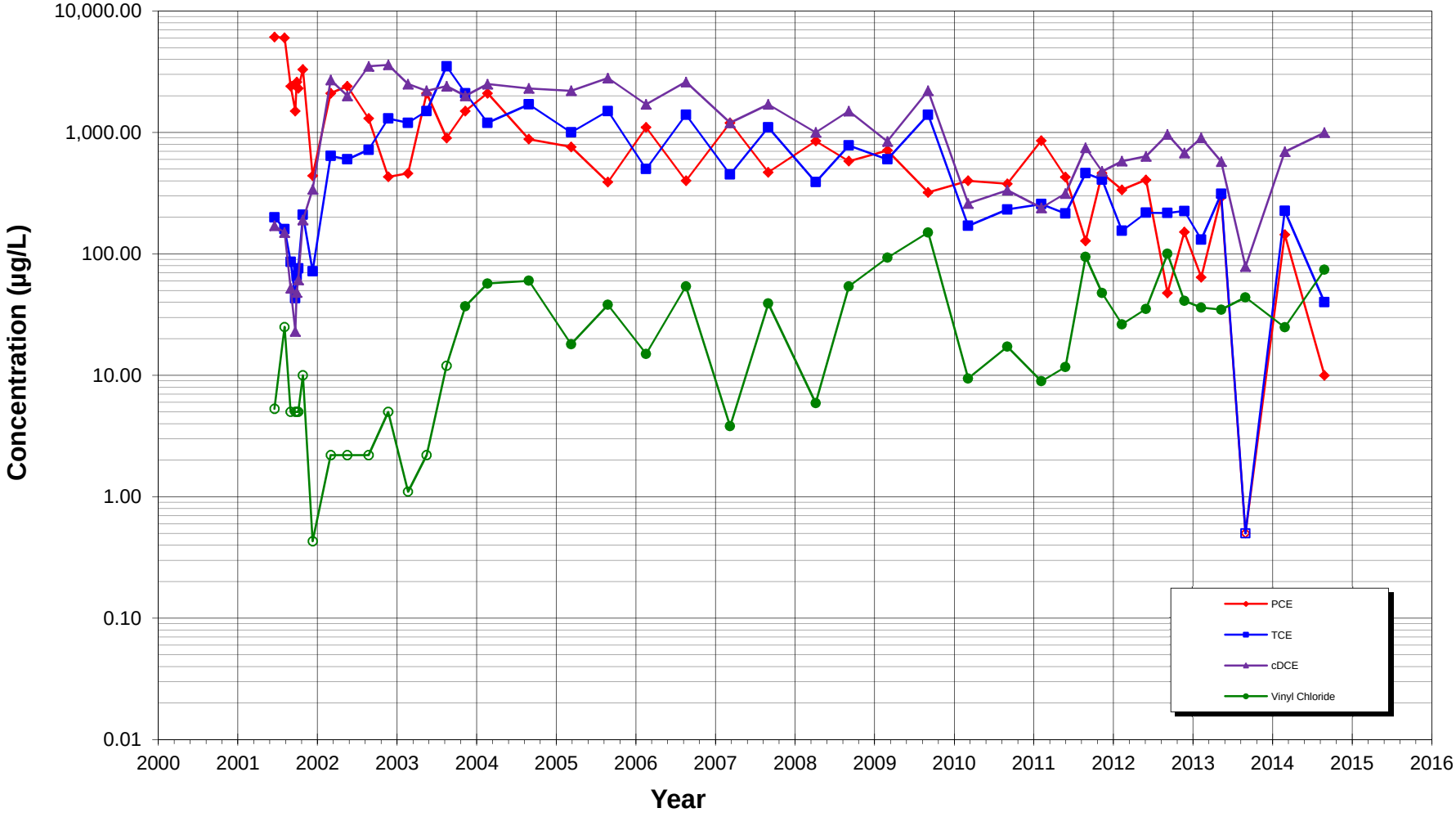
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L and Vinyl Chloride = 0.5 µg/L.

Figure C20. Constituent vs Time
Monitoring Well MW-10
Univar USA Inc., Kent, Washington



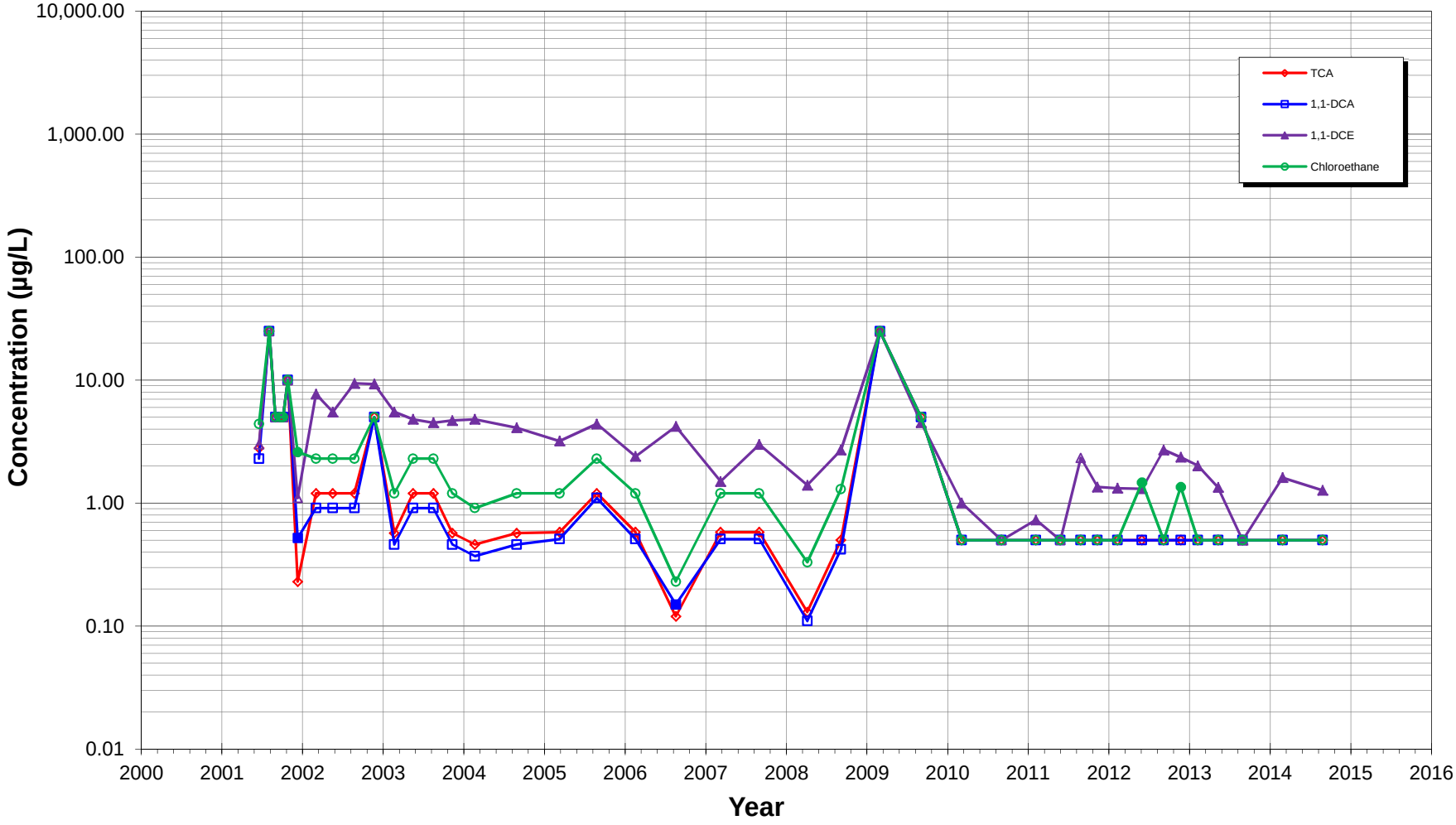
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C21. Constituent vs Time
Monitoring Well MW-12
Univar USA Inc., Kent, Washington



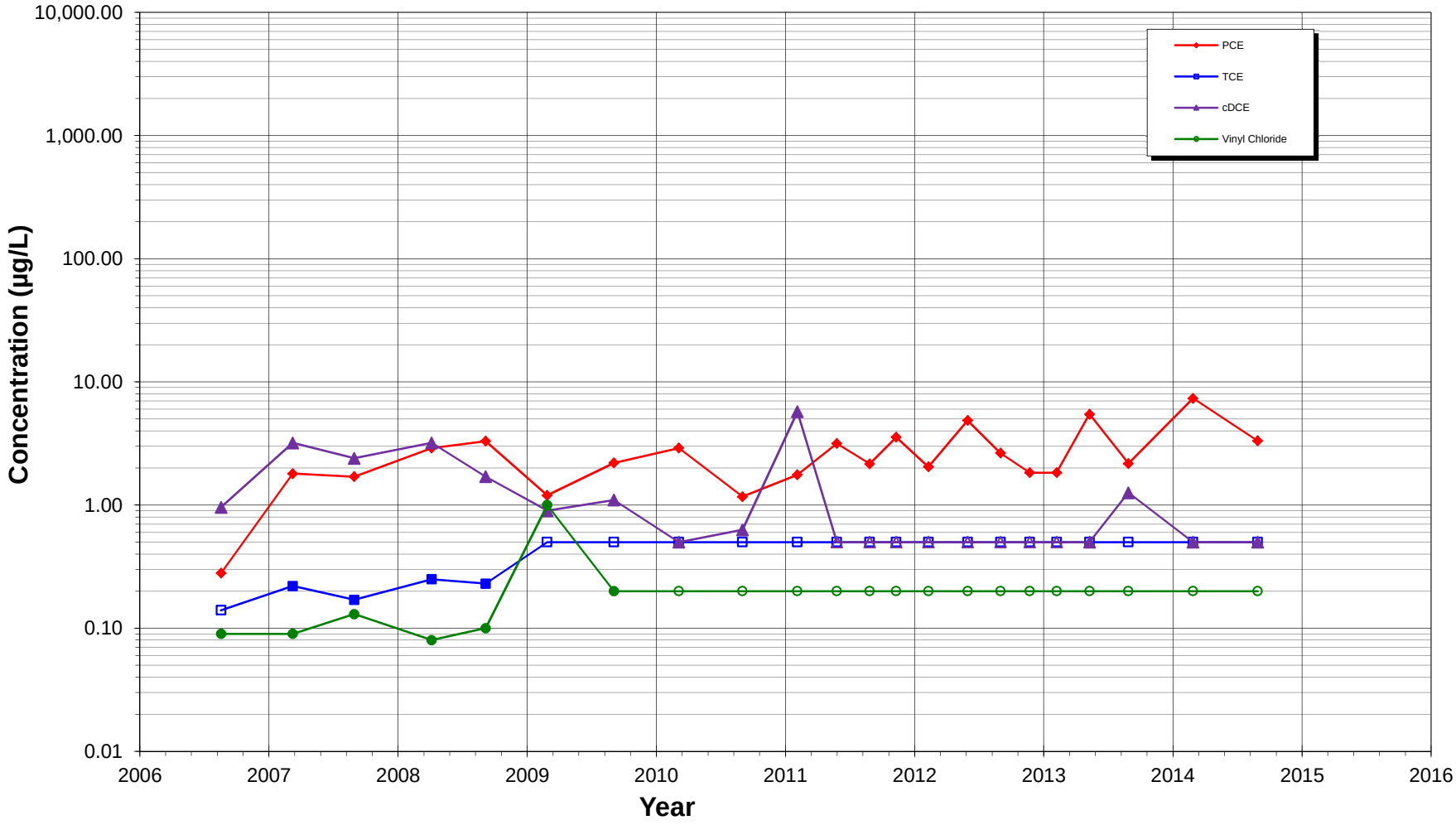
Notes:
1) Initial shallow injection in March and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L and Vinyl Chloride = 0.5 µg/L.

Figure C22. Constituent vs Time
Monitoring Well MW-12
Univar USA Inc., Kent, Washington



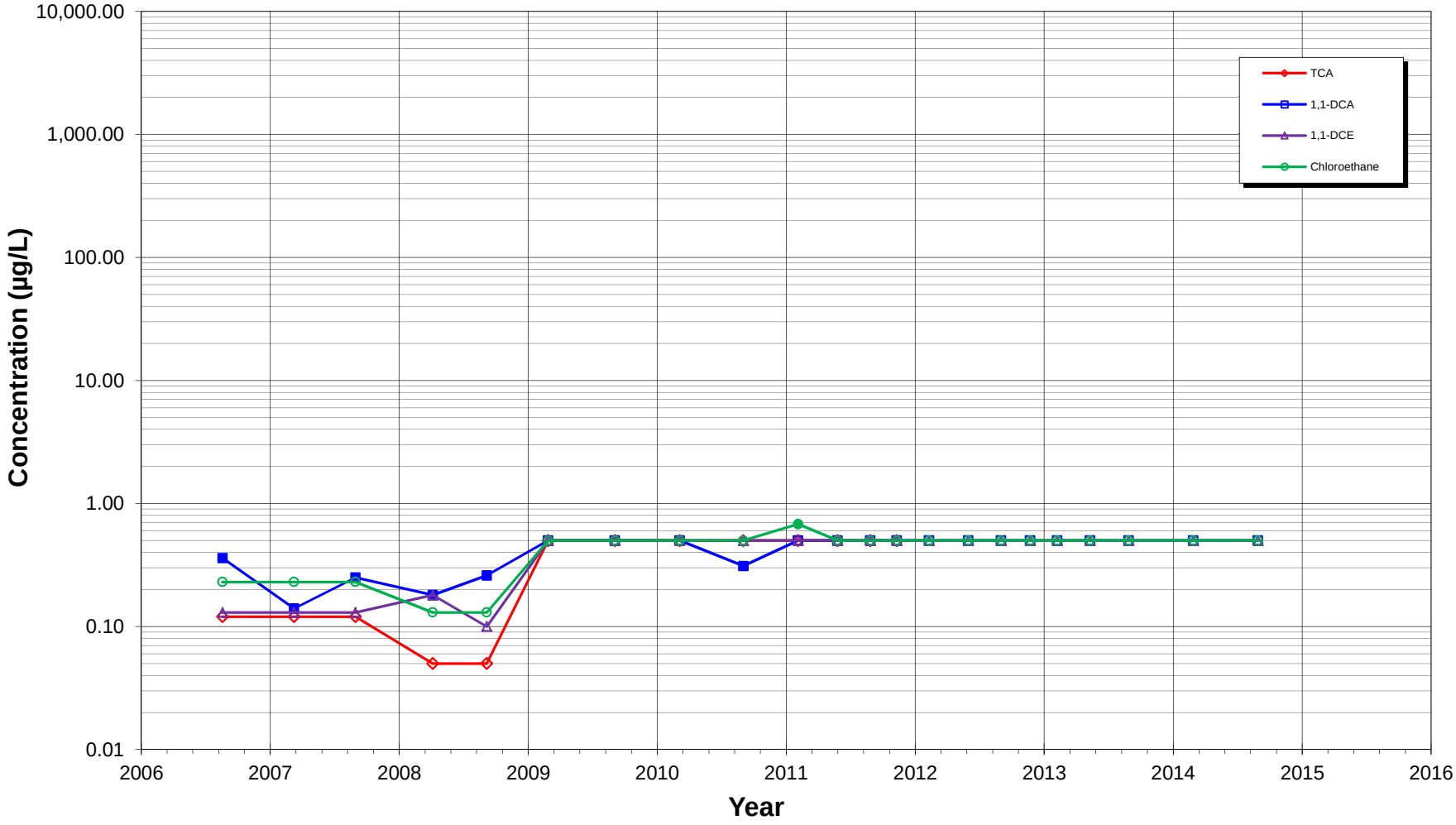
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C23. Constituent vs Time
Monitoring Well MW-23
Univar USA Inc., Kent, Washington



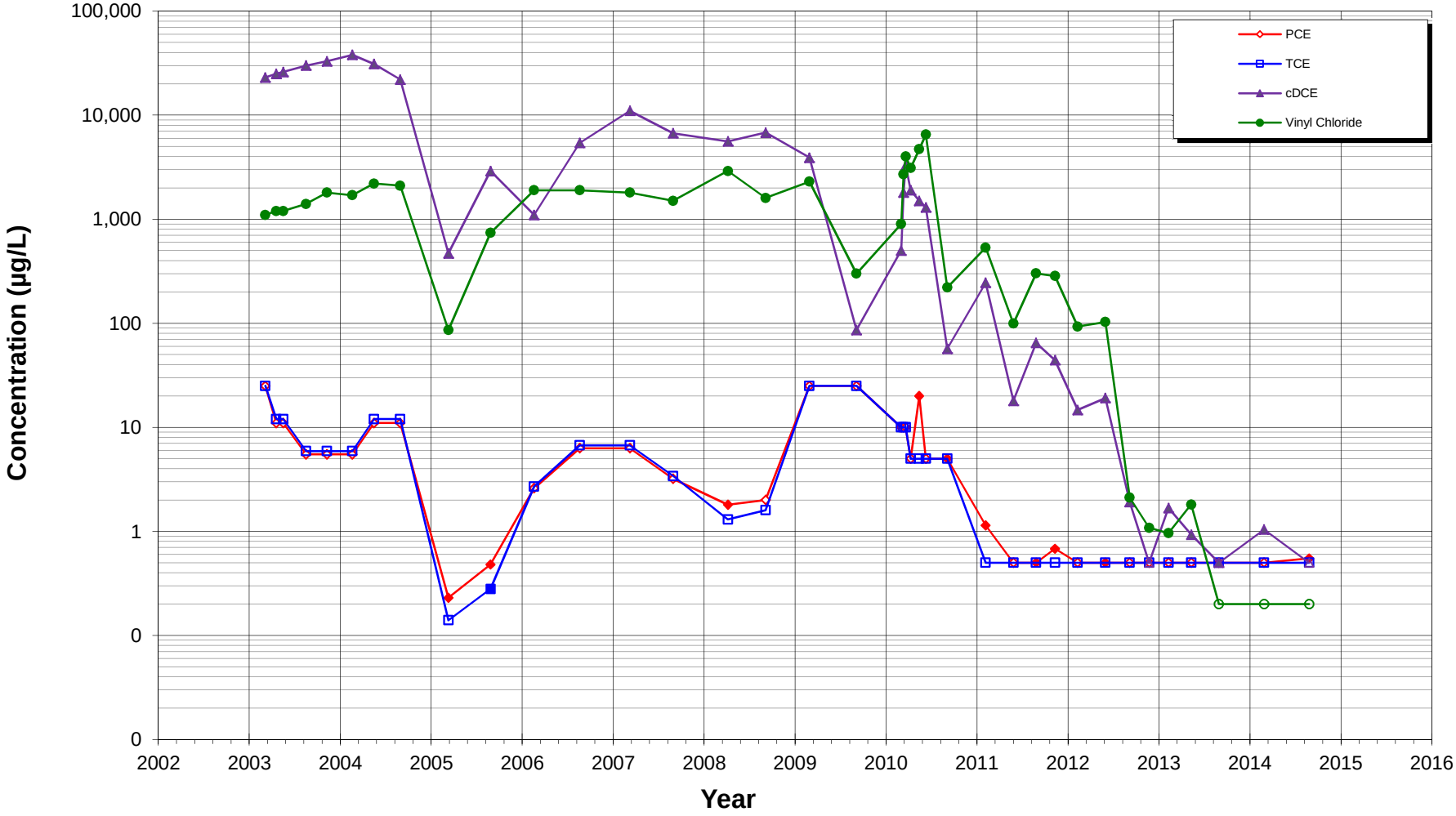
Notes:
1) Initial shallow injection in March and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L and Vinyl Chloride = 0.5 µg/L.

Figure C24. Constituent vs Time
Monitoring Well MW-23
Univar USA Inc., Kent, Washington



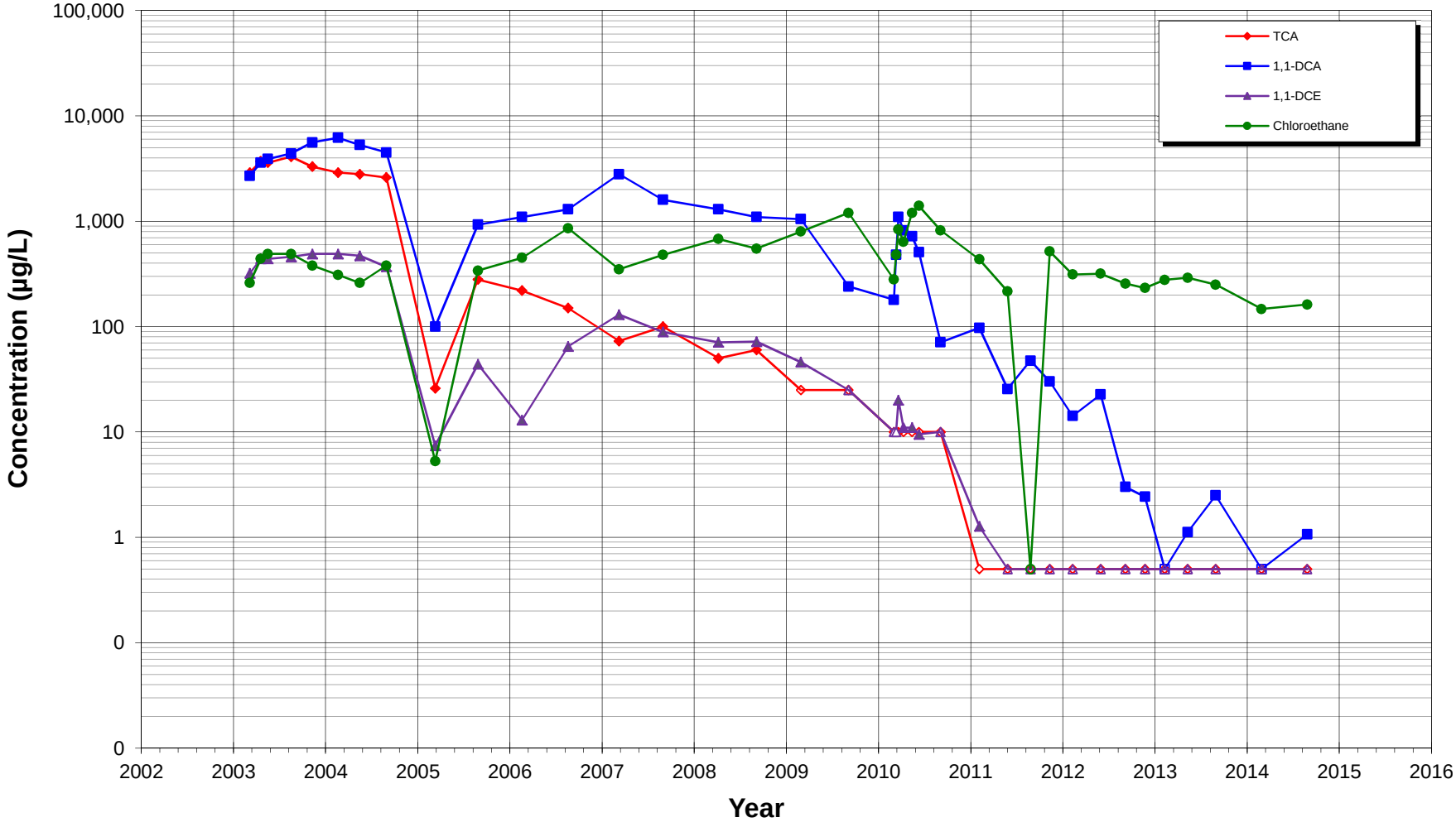
Notes:
1) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
2) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C25. Constituent vs Time
Monitoring Well MW-13
Univar USA Inc., Kent, Washington



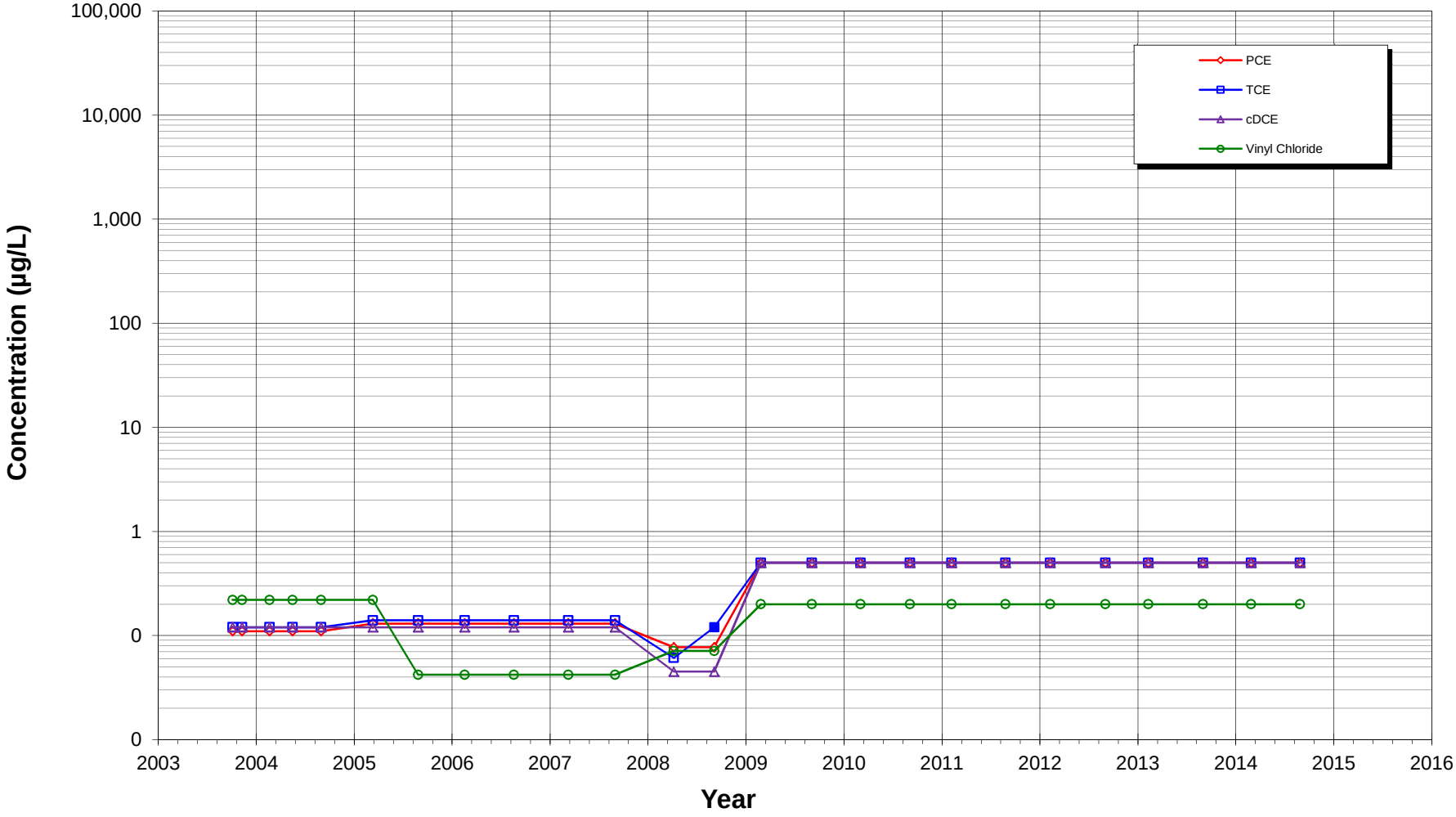
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L, and Vinyl Chloride = 0.5 µg/L.

Figure C26. Constituent vs Time
Monitoring Well MW-13
Univar USA Inc., Kent, Washington



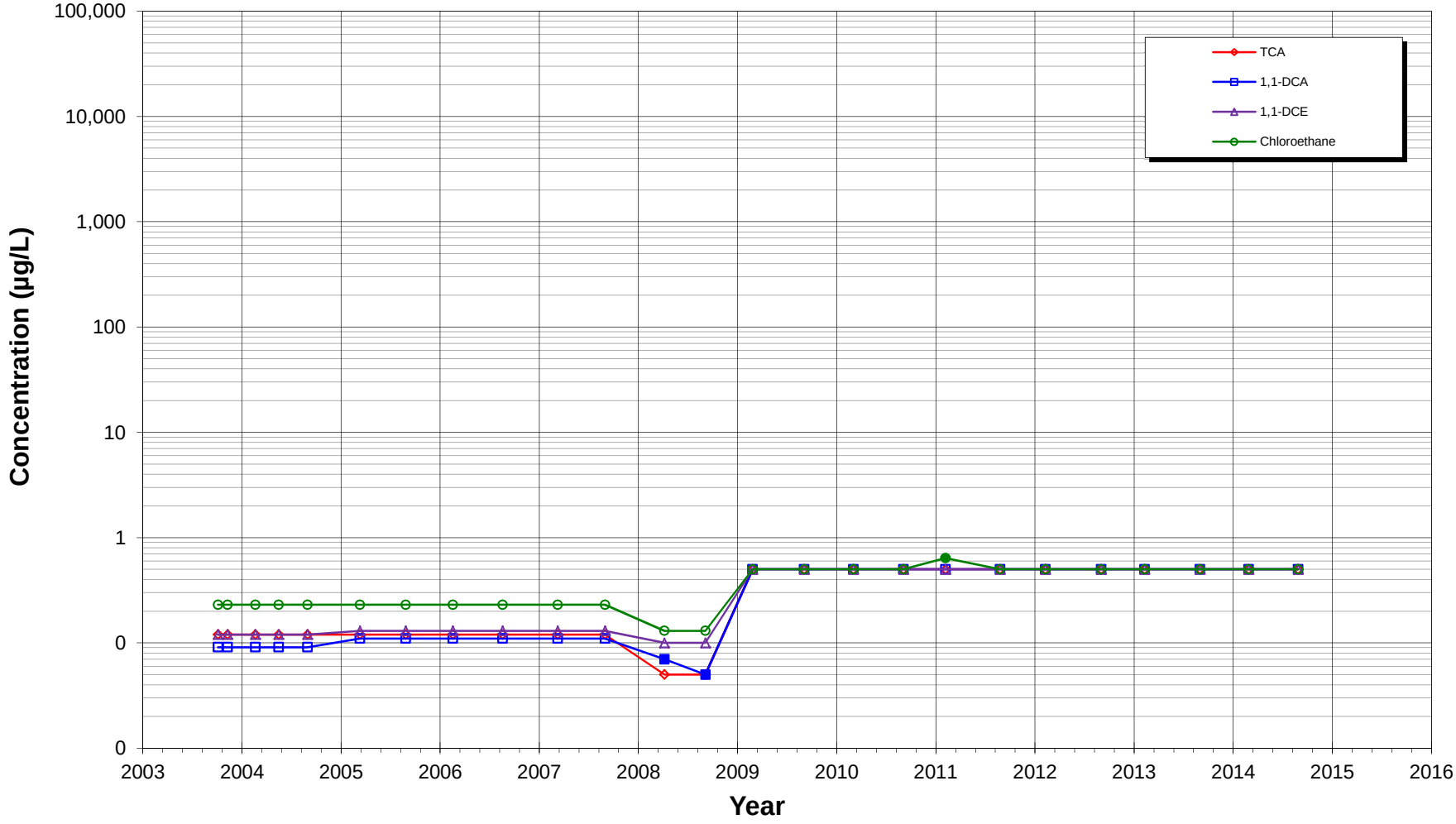
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C27. Constituent vs Time
Monitoring Well MW-14
Univar USA Inc., Kent, Washington



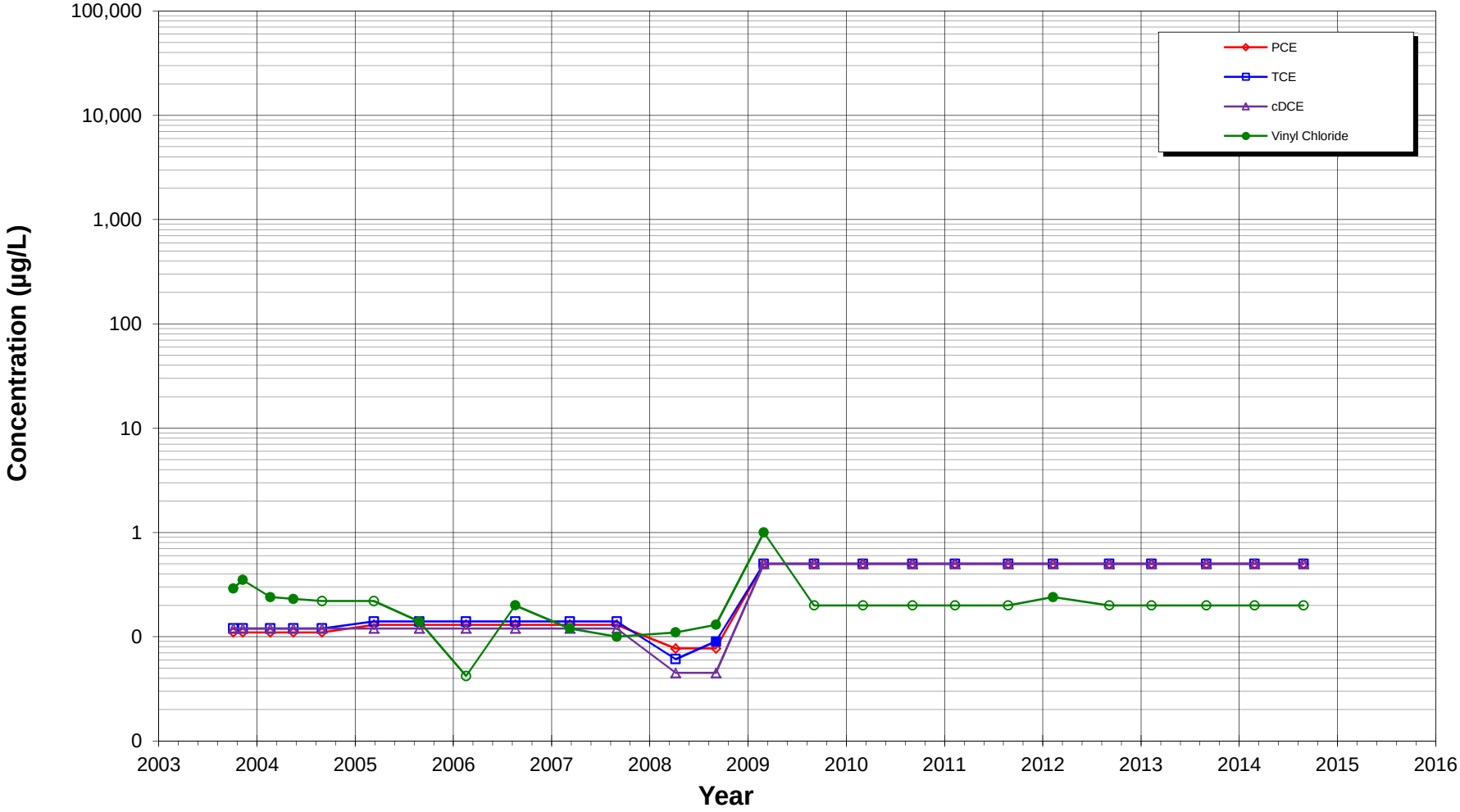
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L, and Vinyl Chloride = 0.5 µg/L.

Figure C28. Constituent vs Time
Monitoring Well MW-14
Univar USA Inc., Kent, Washington



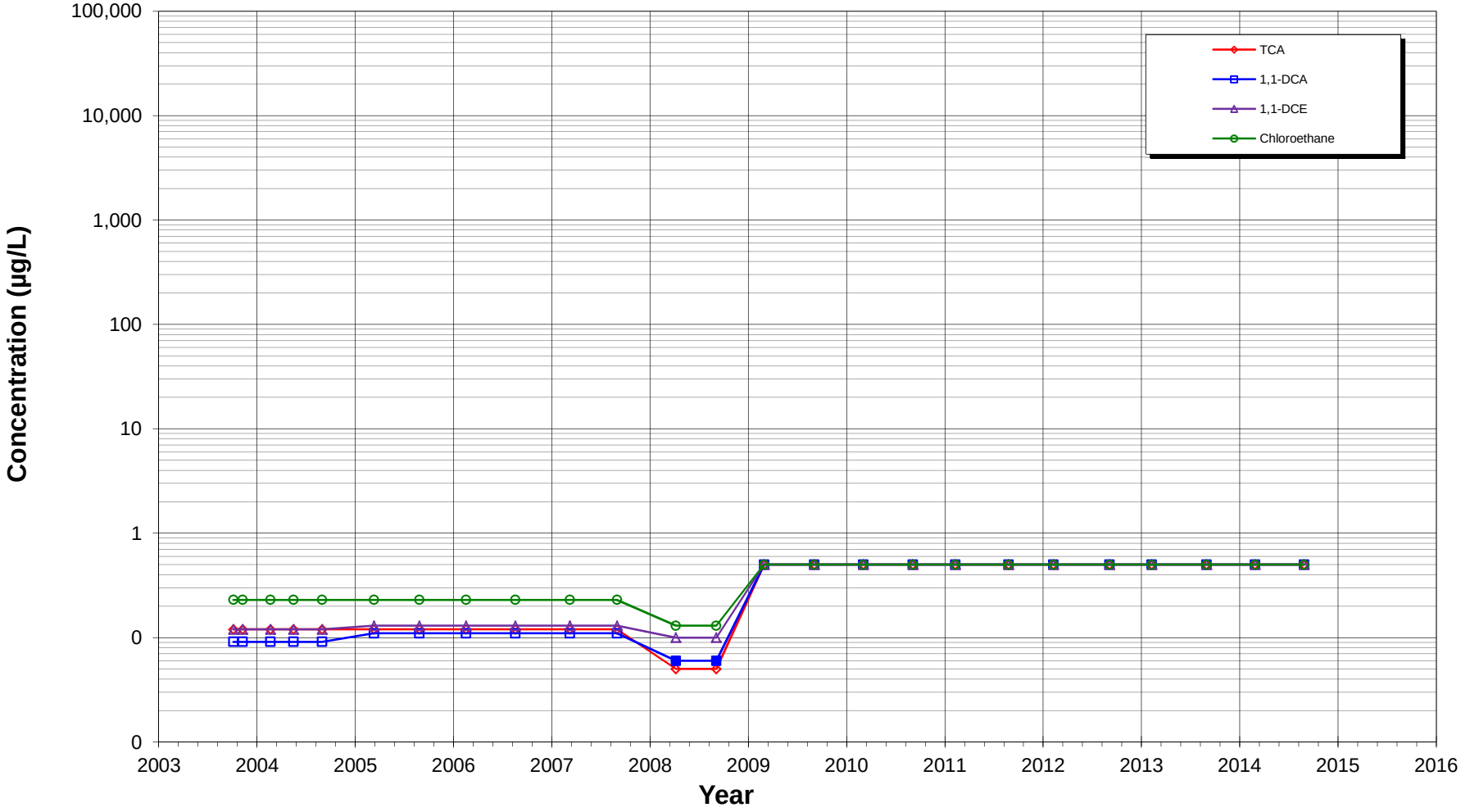
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C29. Constituent vs Time
Monitoring Well MW-15
Univar USA Inc., Kent, Washington



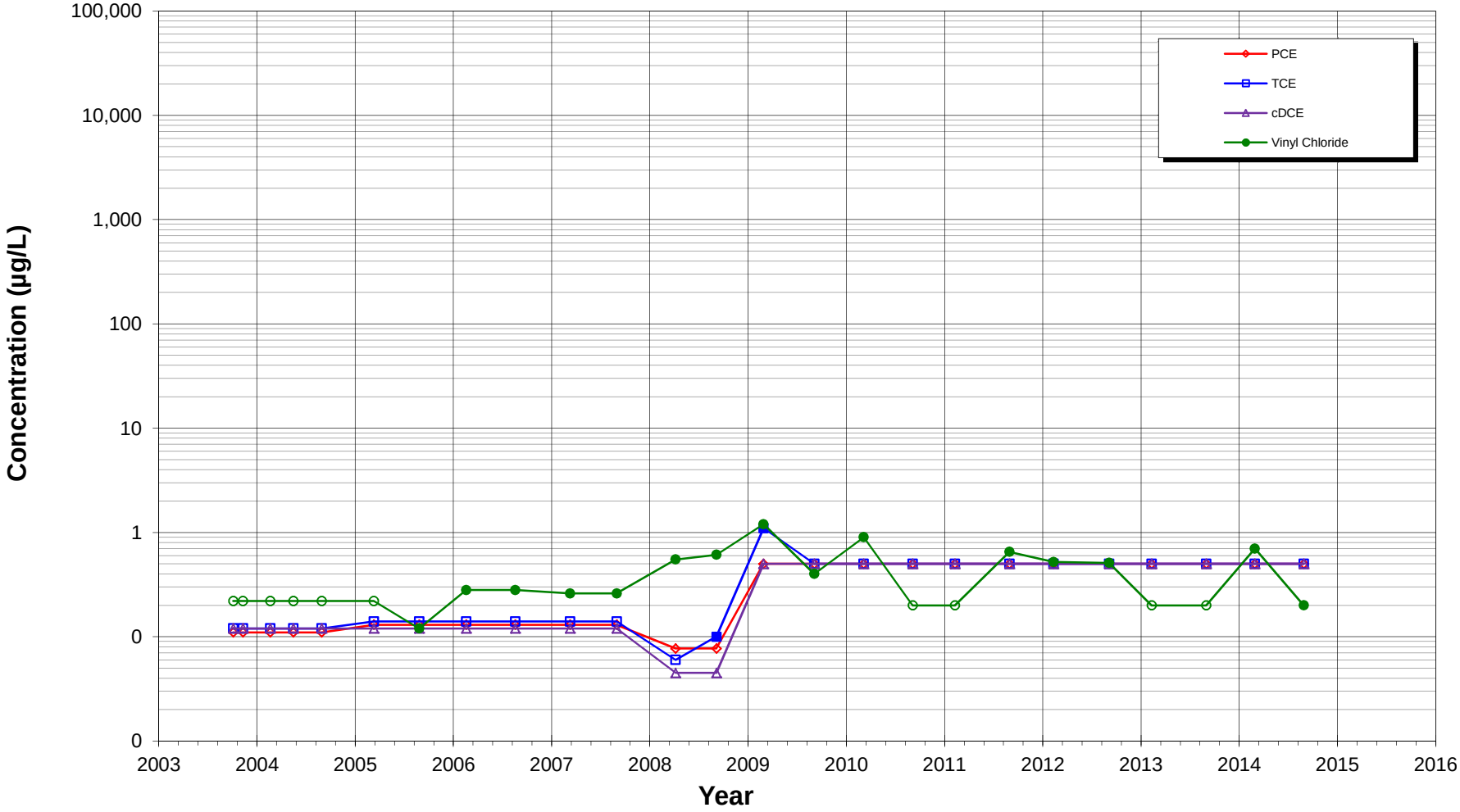
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L, and Vinyl Chloride = 0.5 µg/L.

Figure C30. Constituent vs Time
Monitoring Well MW-15
Univar USA Inc., Kent, Washington



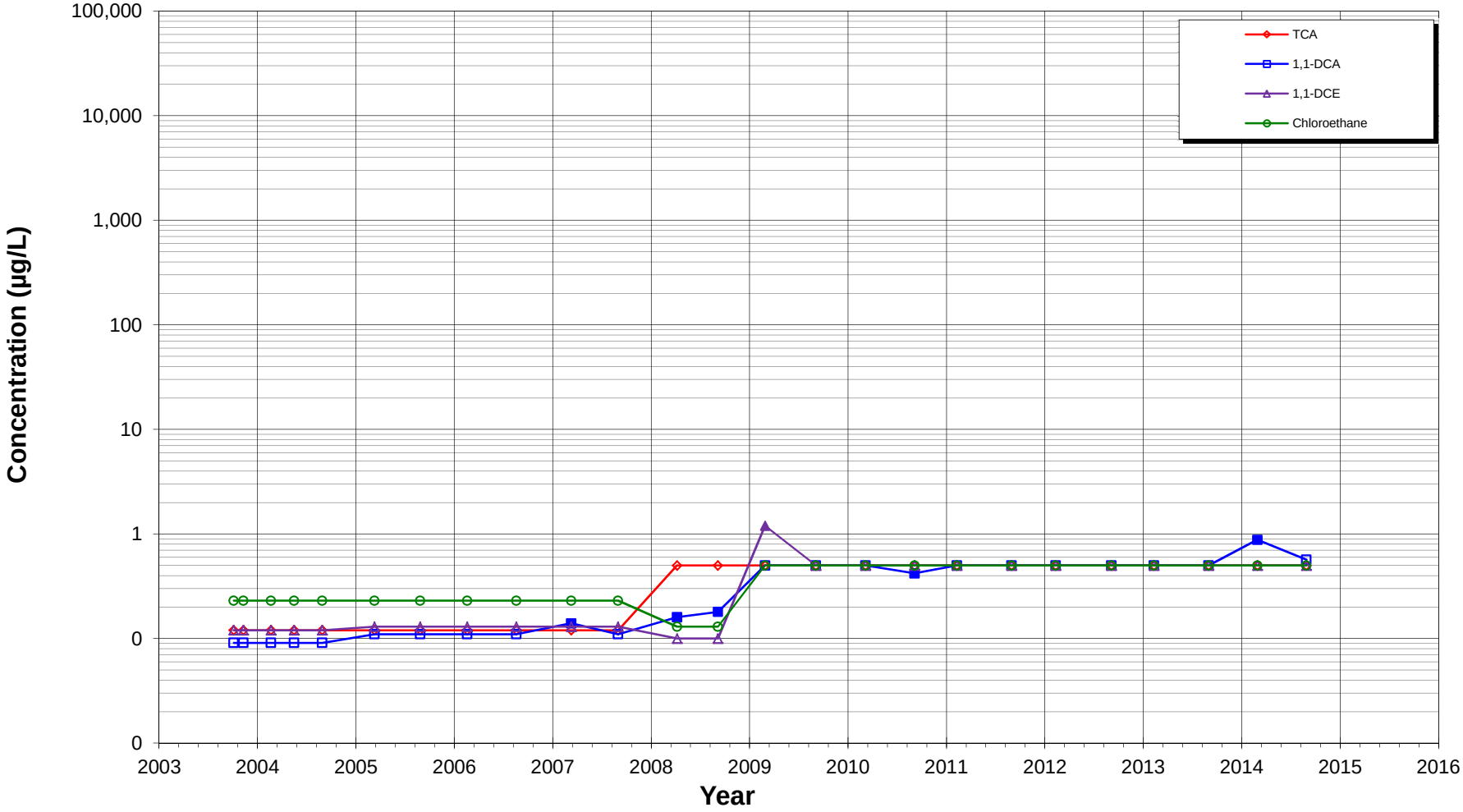
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C31. Constituent vs Time
Monitoring Well MW-16
Univar USA Inc., Kent, Washington



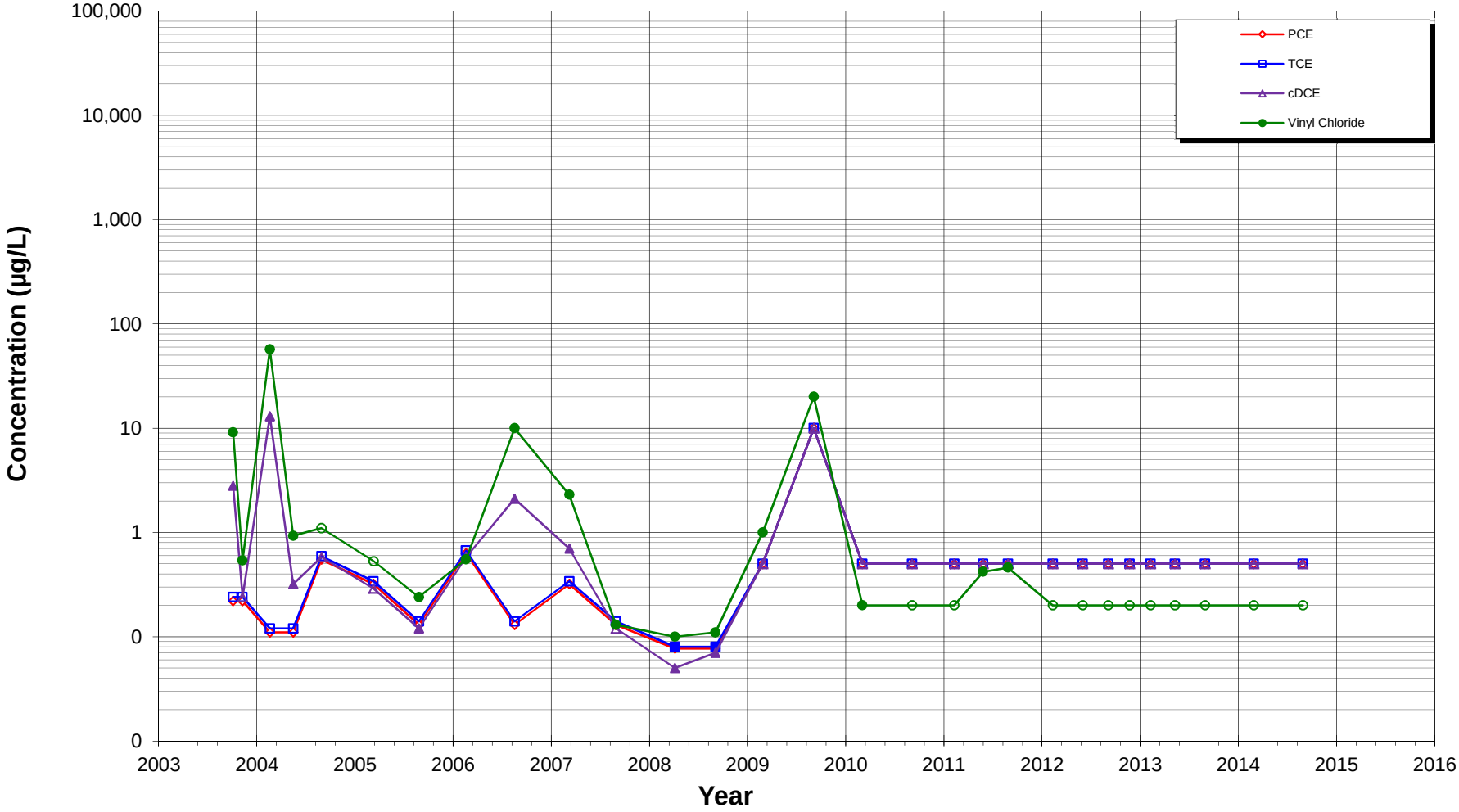
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L, and Vinyl Chloride = 0.5 µg/L.

Figure C32. Constituent vs Time
Monitoring Well MW-16
Univar USA Inc., Kent, Washington



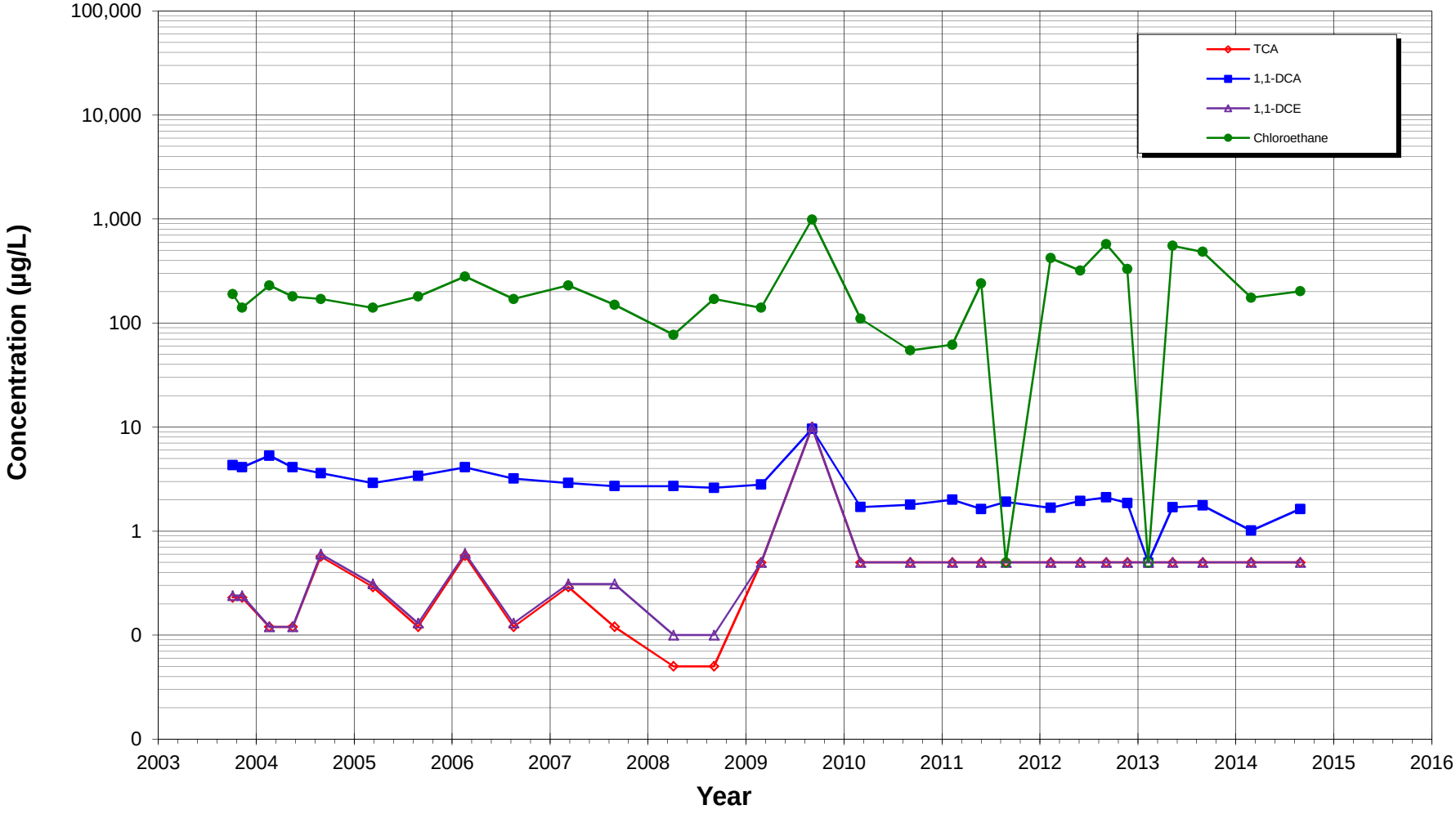
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C33. Constituent vs Time
Monitoring Well MW-17
Univar USA Inc., Kent, Washington



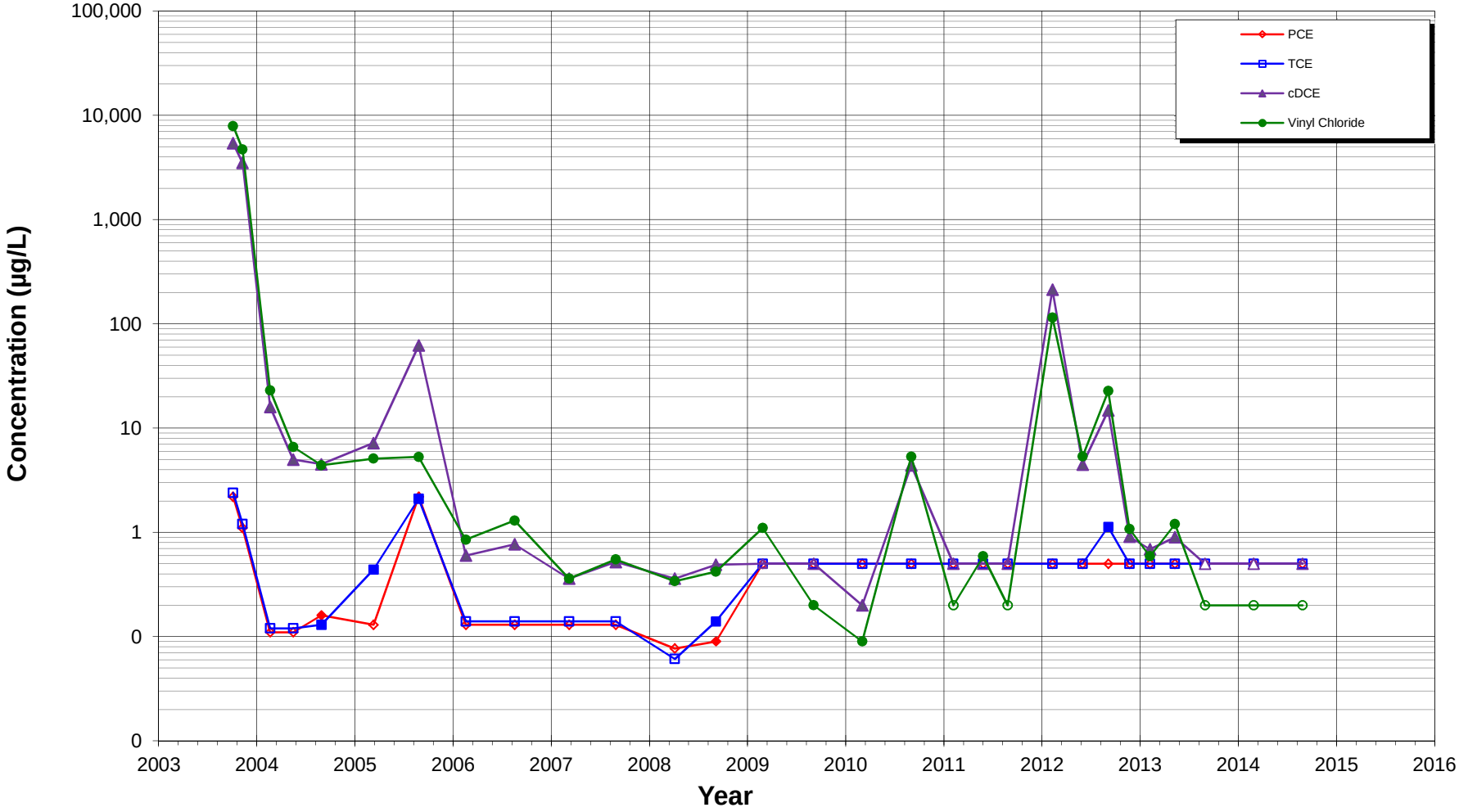
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L, and Vinyl Chloride = 0.5 µg/L.

Figure C34. Constituent vs Time
Monitoring Well MW-17
Univar USA Inc., Kent, Washington



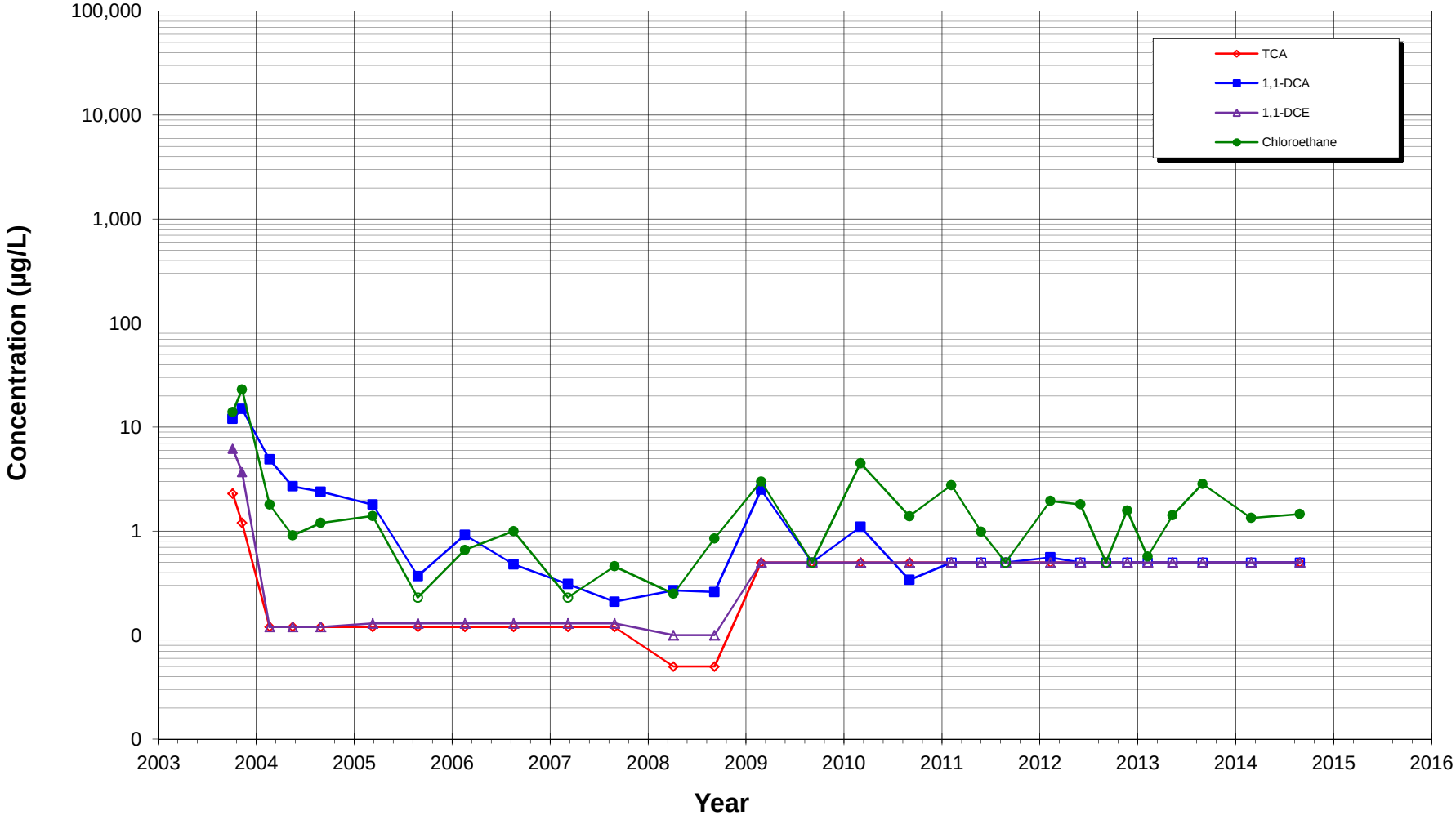
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C35. Constituent vs Time
Monitoring Well MW-18
Univar USA Inc., Kent, Washington



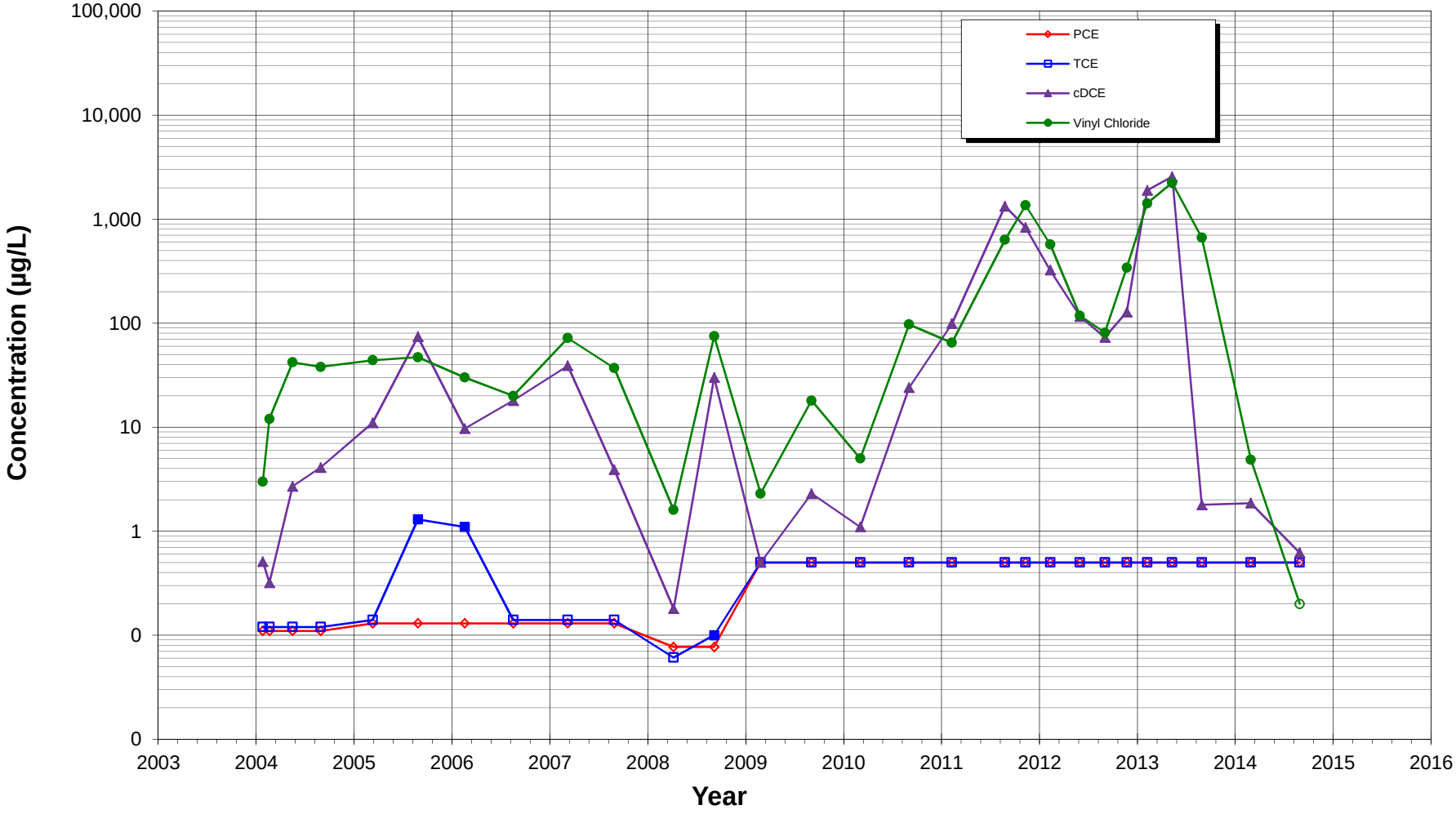
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L, and Vinyl Chloride = 0.5 µg/L.

Figure C36. Constituent vs Time
Monitoring Well MW-18
Univar USA Inc., Kent, Washington



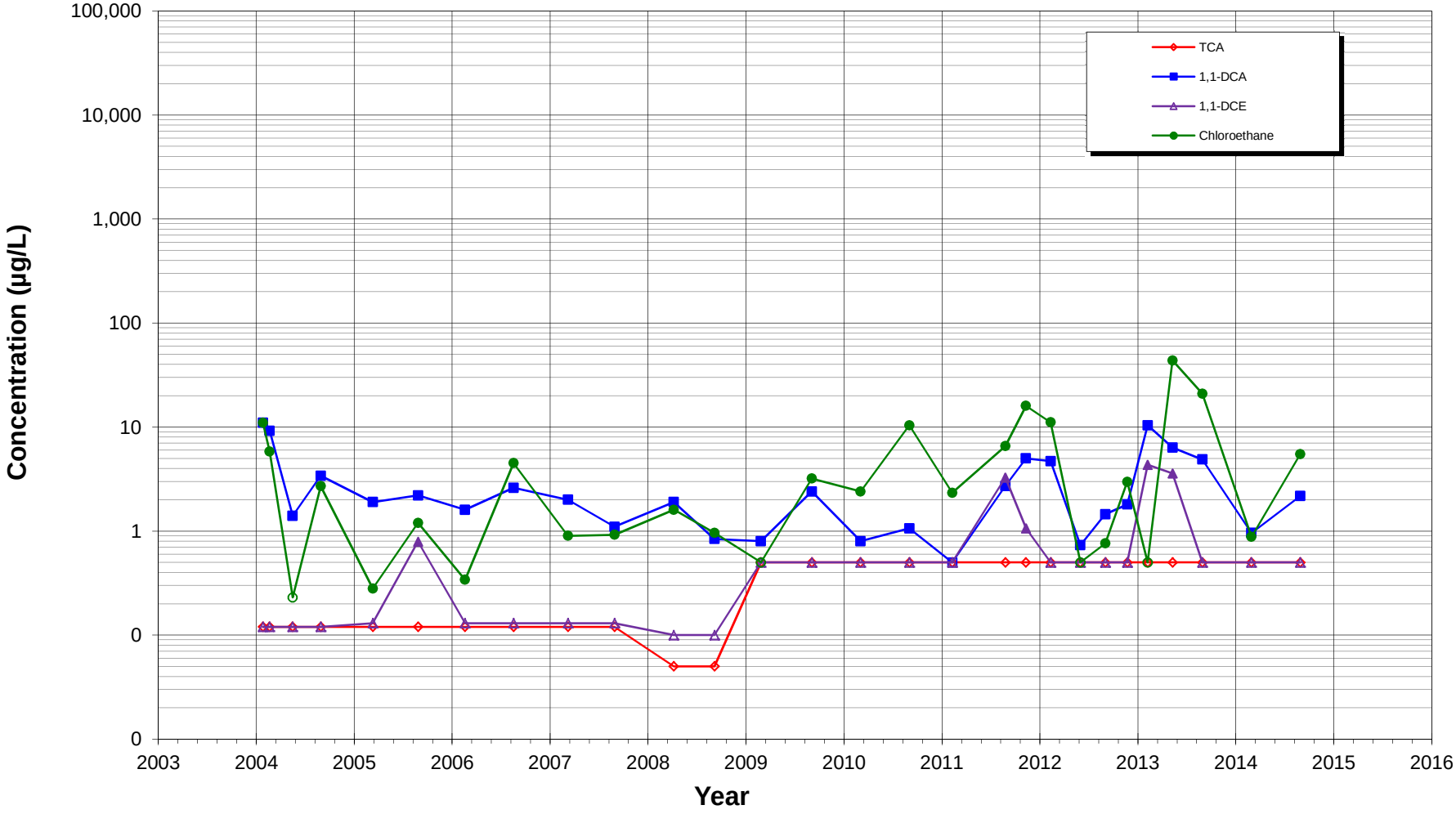
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit are shown as hollow data points.
3) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C37. Constituent vs Time
Monitoring Well MW-19
Univar USA Inc., Kent, Washington



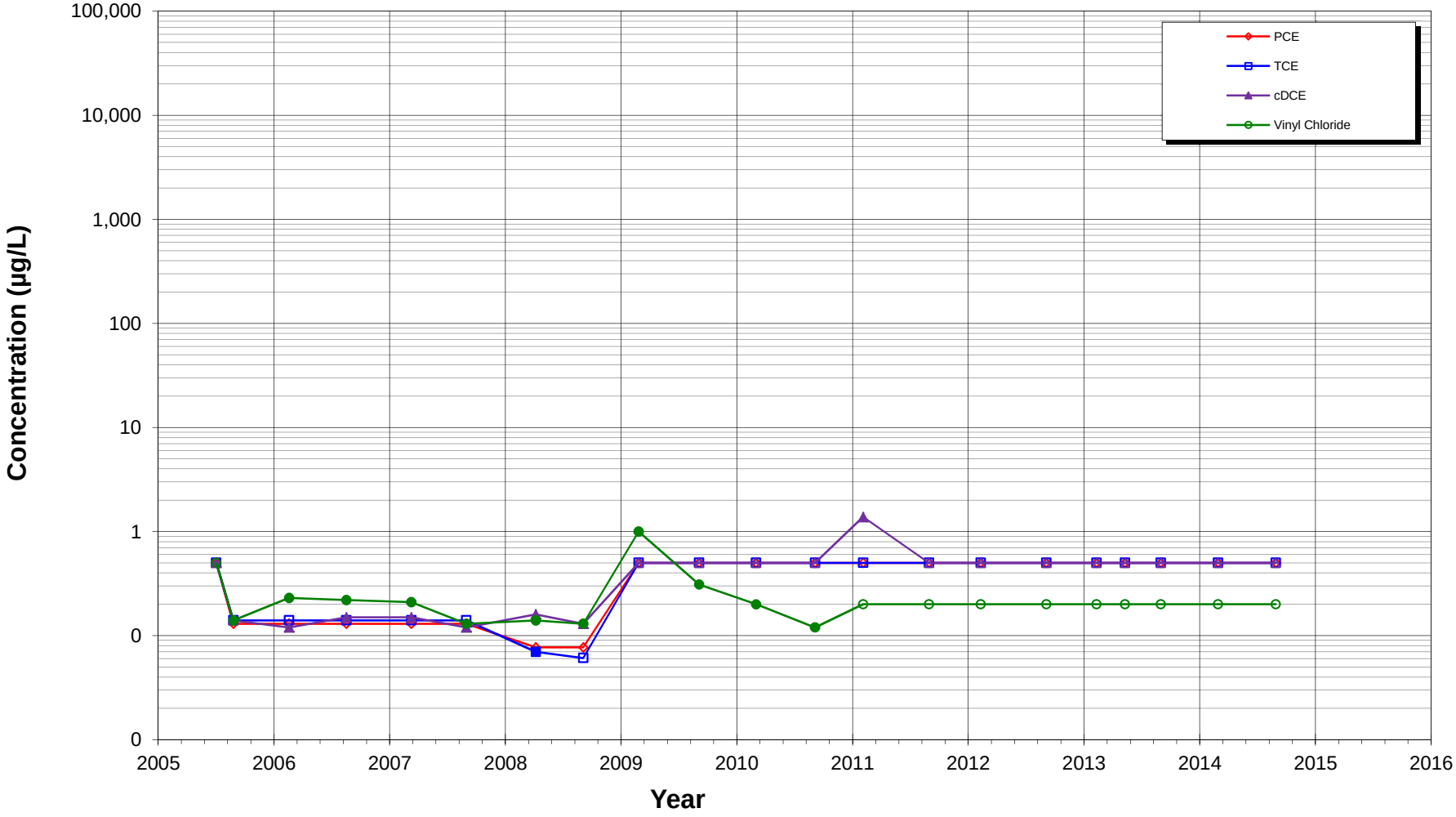
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L, and Vinyl Chloride = 0.5 µg/L.

Figure C38. Constituent vs Time
Monitoring Well MW-19
Univar USA Inc., Kent, Washington



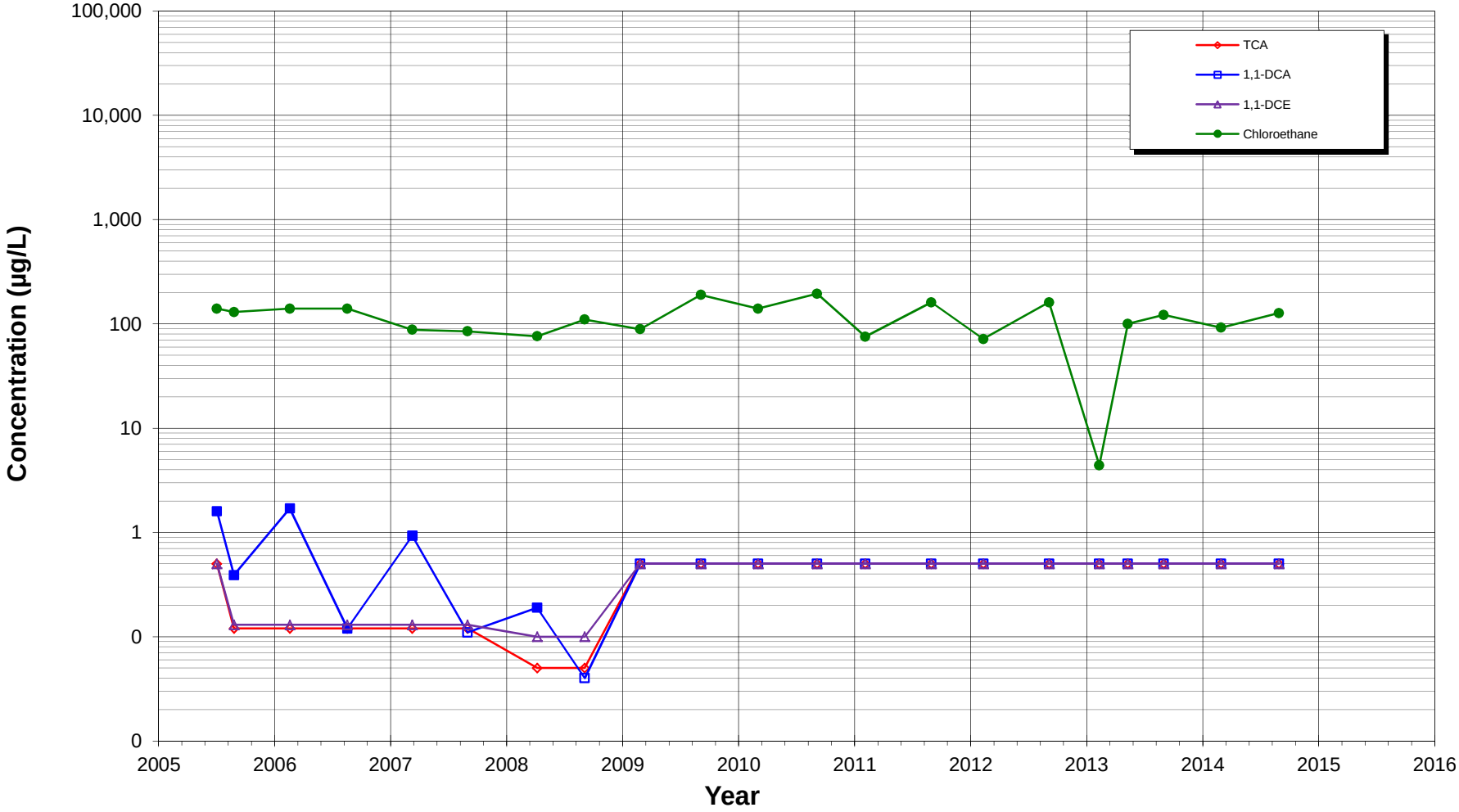
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C39. Constituent vs Time
Monitoring Well MW-20
Univar USA Inc., Kent, Washington



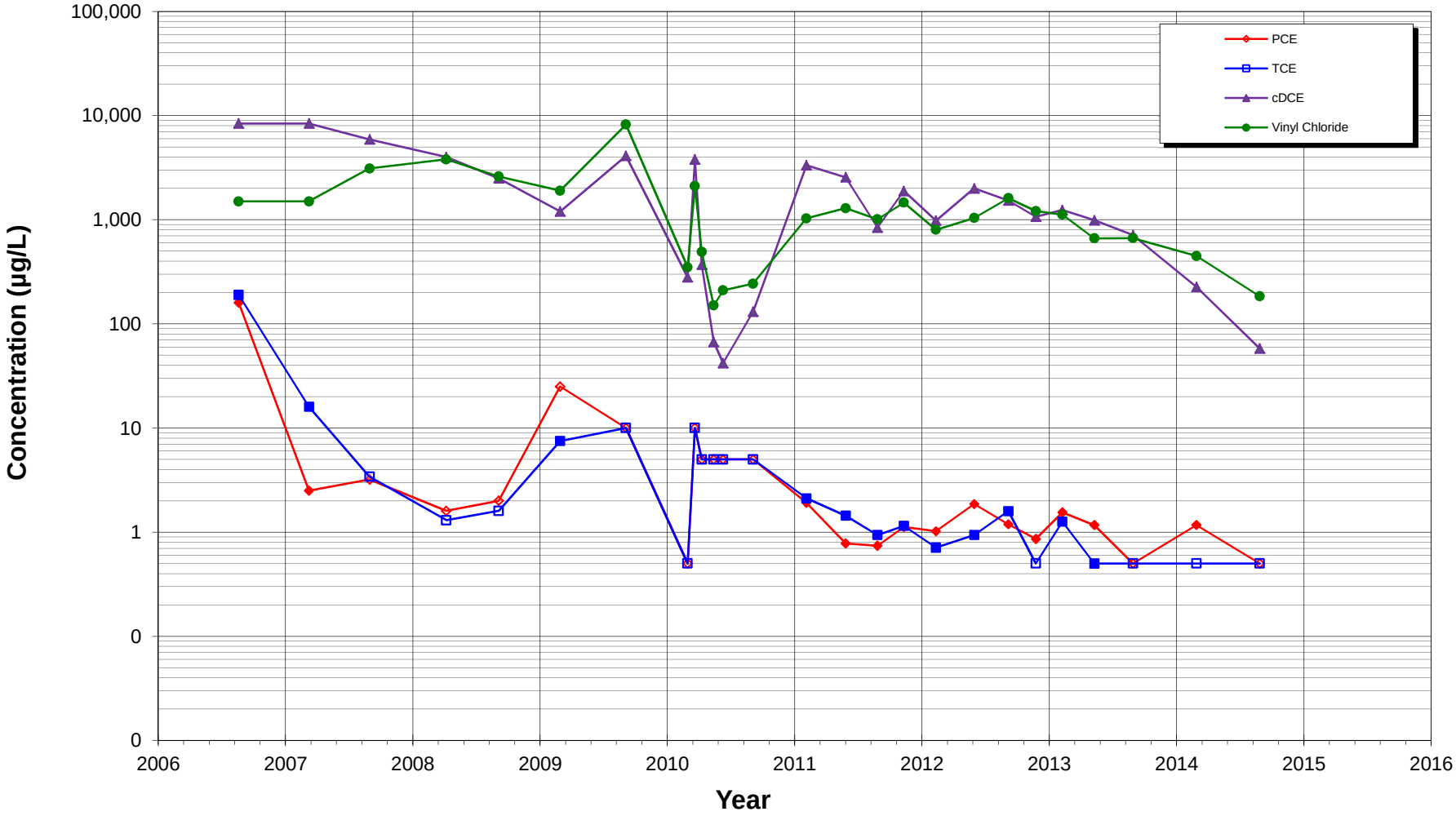
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L, and Vinyl Chloride = 0.5 µg/L.

Figure C40. Constituent vs Time
Monitoring Well MW-20
Univar USA Inc., Kent, Washington



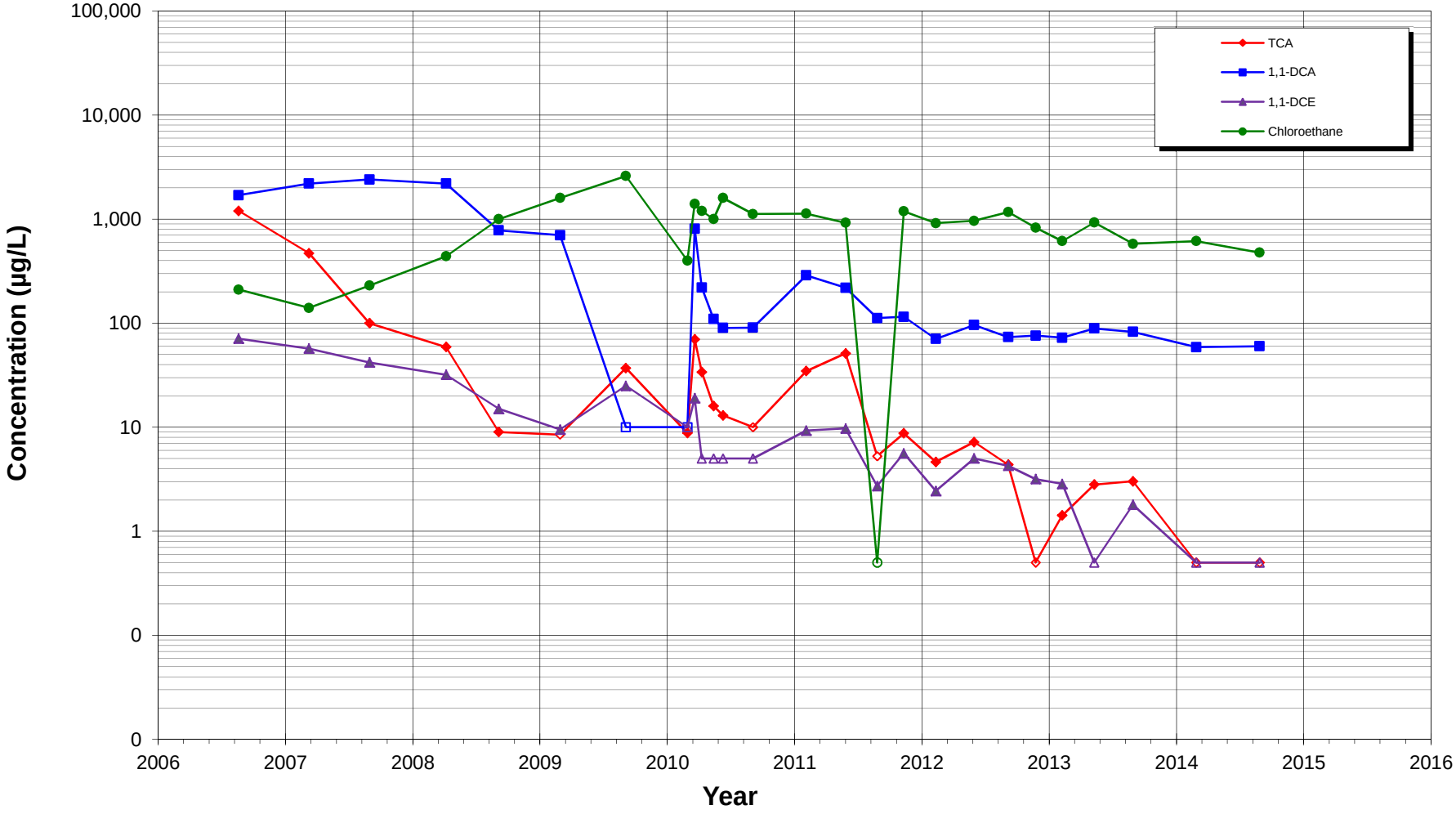
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points .
3) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C41. Constituent vs Time
Monitoring Well MW-21
Univar USA Inc., Kent, Washington



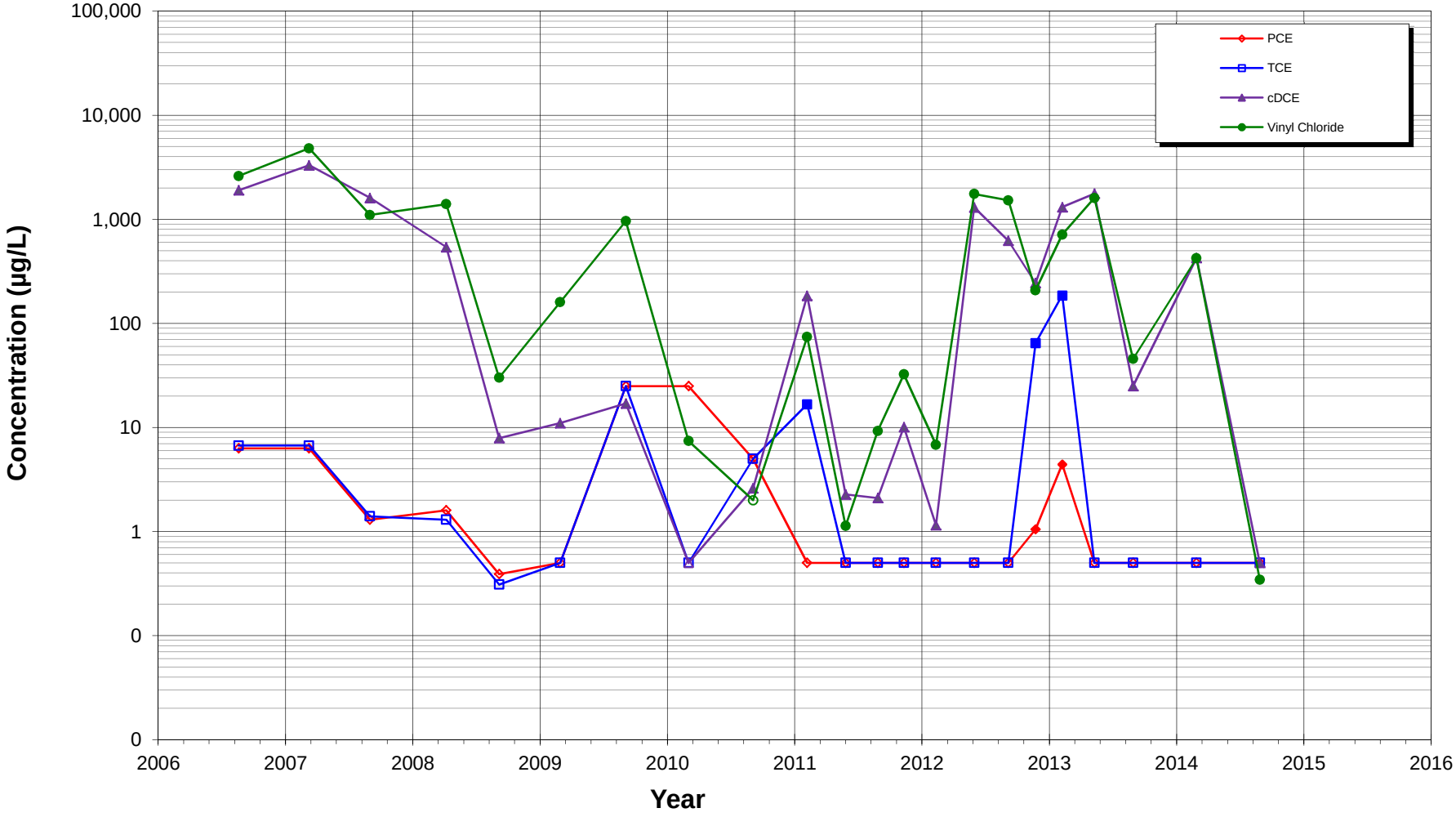
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L, and Vinyl Chloride = 0.5 µg/L.

Figure C42. Constituent vs Time
Monitoring Well MW-21
Univar USA Inc., Kent, Washington



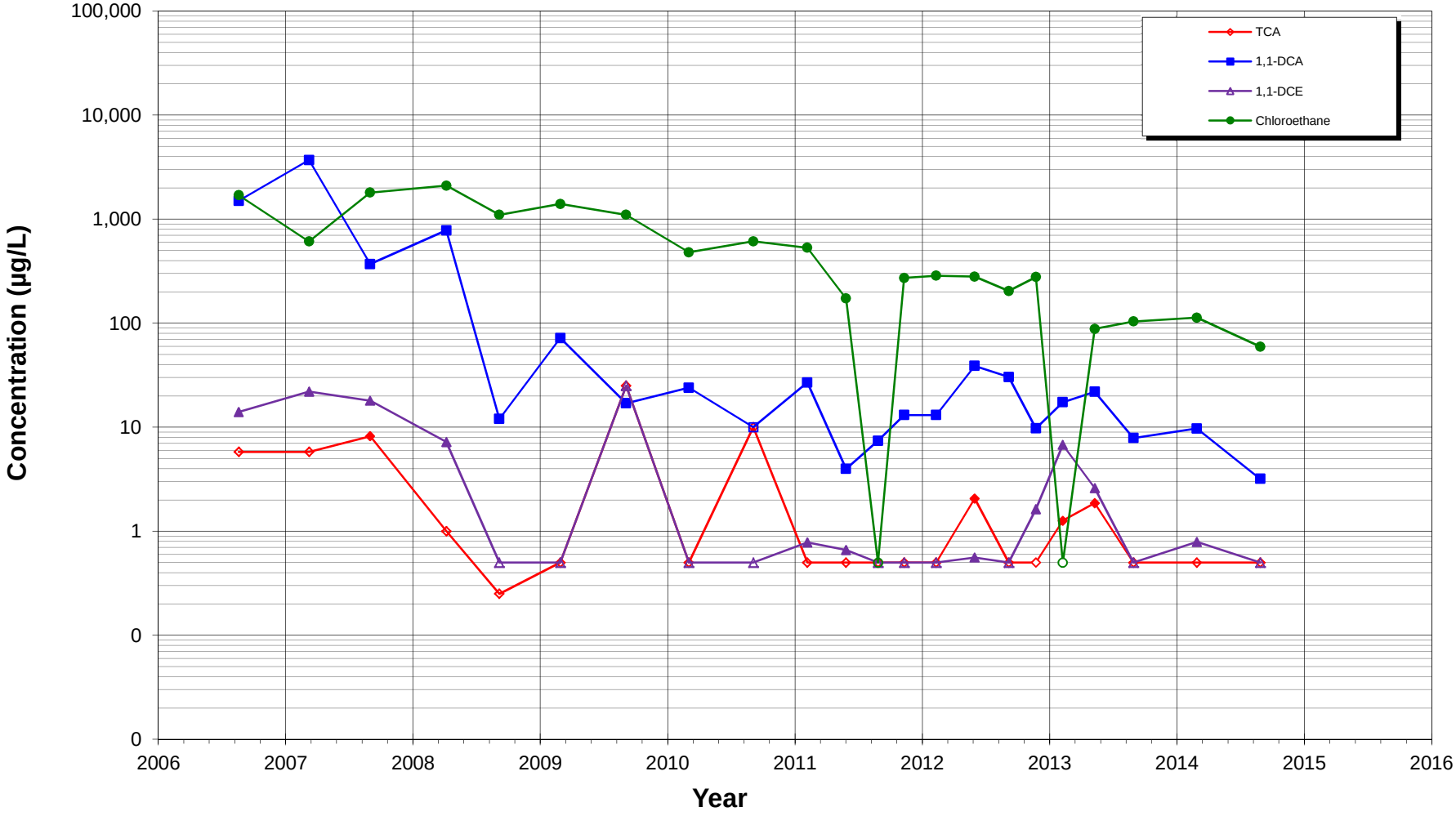
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C43. Constituent vs Time
Monitoring Well MW-22
Univar USA Inc., Kent, Washington



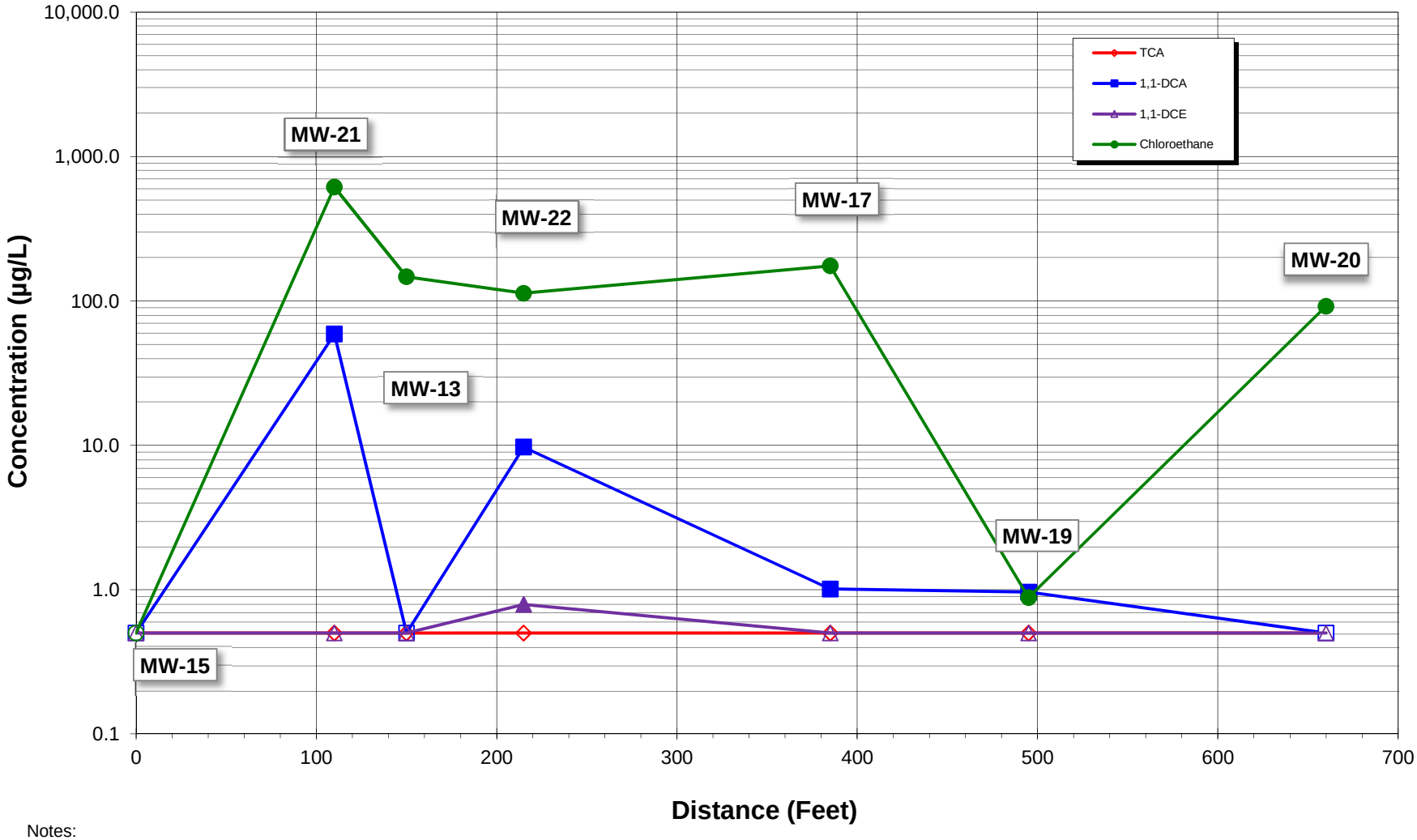
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were notdetected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: PCE = 0.86 µg/L, TCE = 4.0 µg/L, cDCE = 70 µg/L, and Vinyl Chloride = 0.5 µg/L.

Figure C44. Constituent vs Time
Monitoring Well MW-22
Univar USA Inc., Kent, Washington



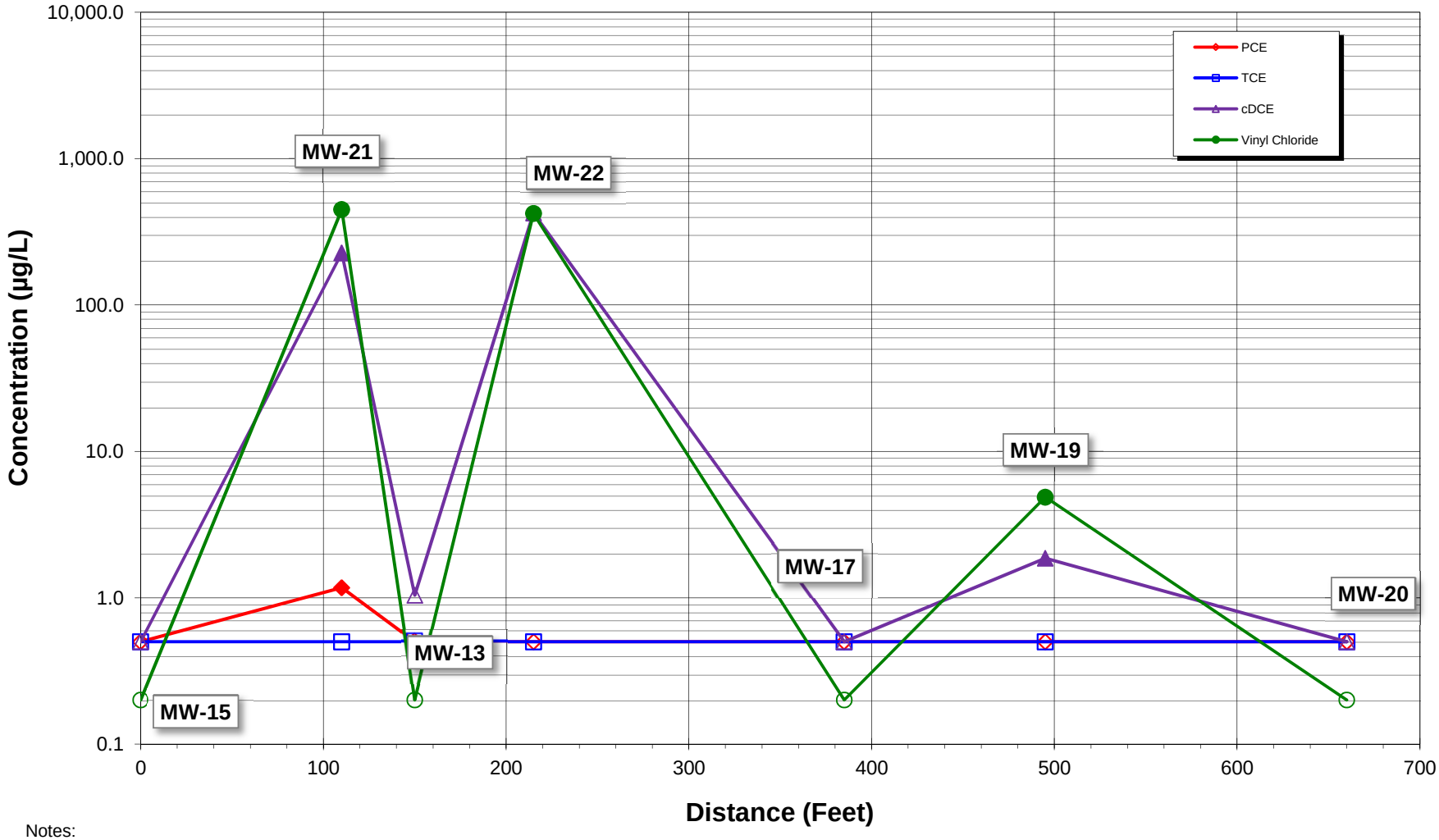
Notes:
1) Initial deep injection in April and May 2011.
2) All results that were not detected at the lowest reported limit (MDL or MRL) are shown as hollow data points.
3) Final Site Cleanup Levels: TCA = 200 µg/L, 1,1-DCA = 800 µg/L, 1,1-DCE = 7 µg/L, and Chloroethane = 15 µg/L.

Figure C45. Concentrations of Chloroethanes vs Distance from Deep Treatment Area
March 2014
Univar USA Inc., Kent, Washington



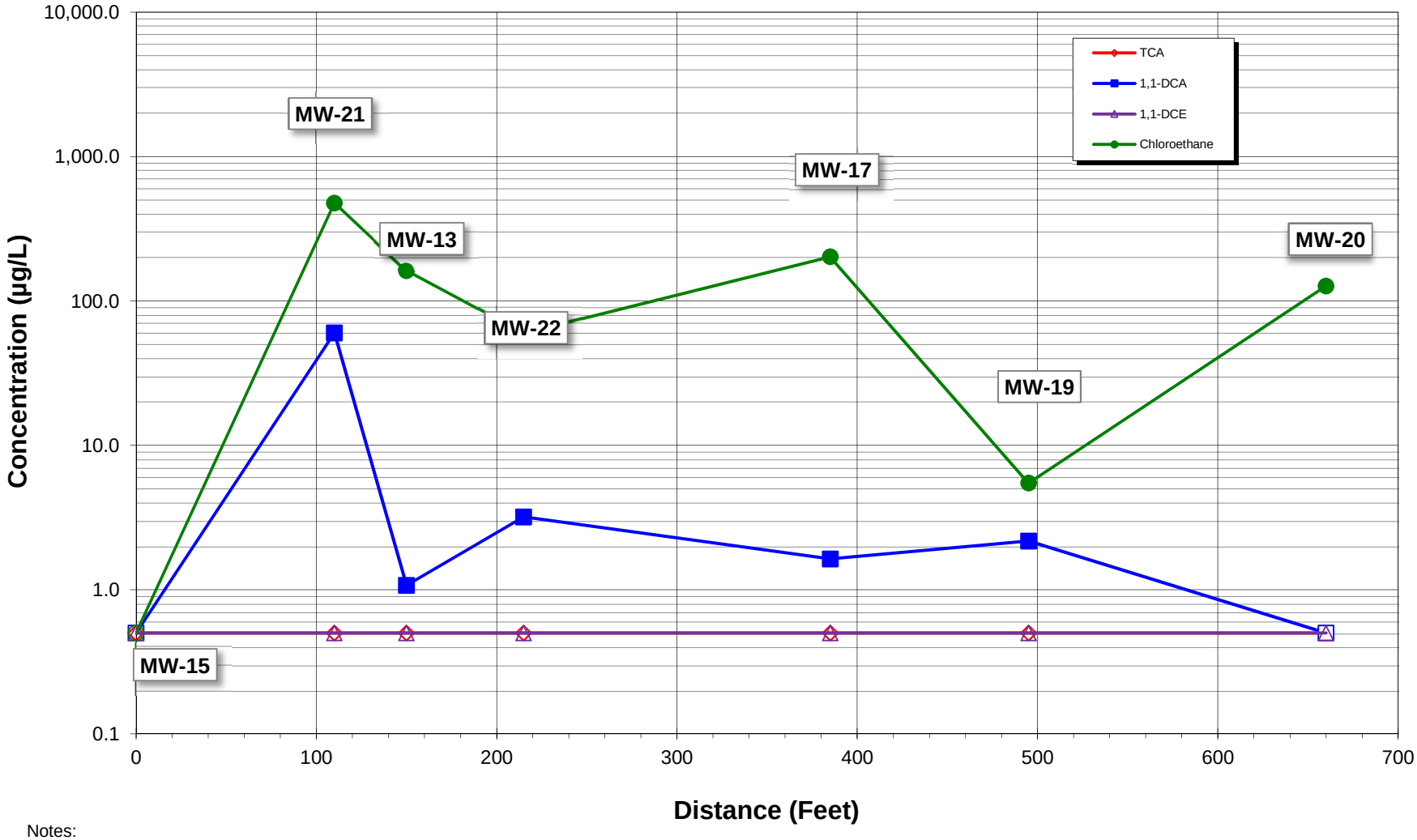
Notes:
1) MW-15 located upgradient of deep source treatment area.
2) Non-detect results below the MRLs are shown as hollow data points.

Figure C46. Concentrations of Chlorinated Ethenes vs Distance from Deep Treatment Area
March 2014
Univar USA Inc., Kent, Washington



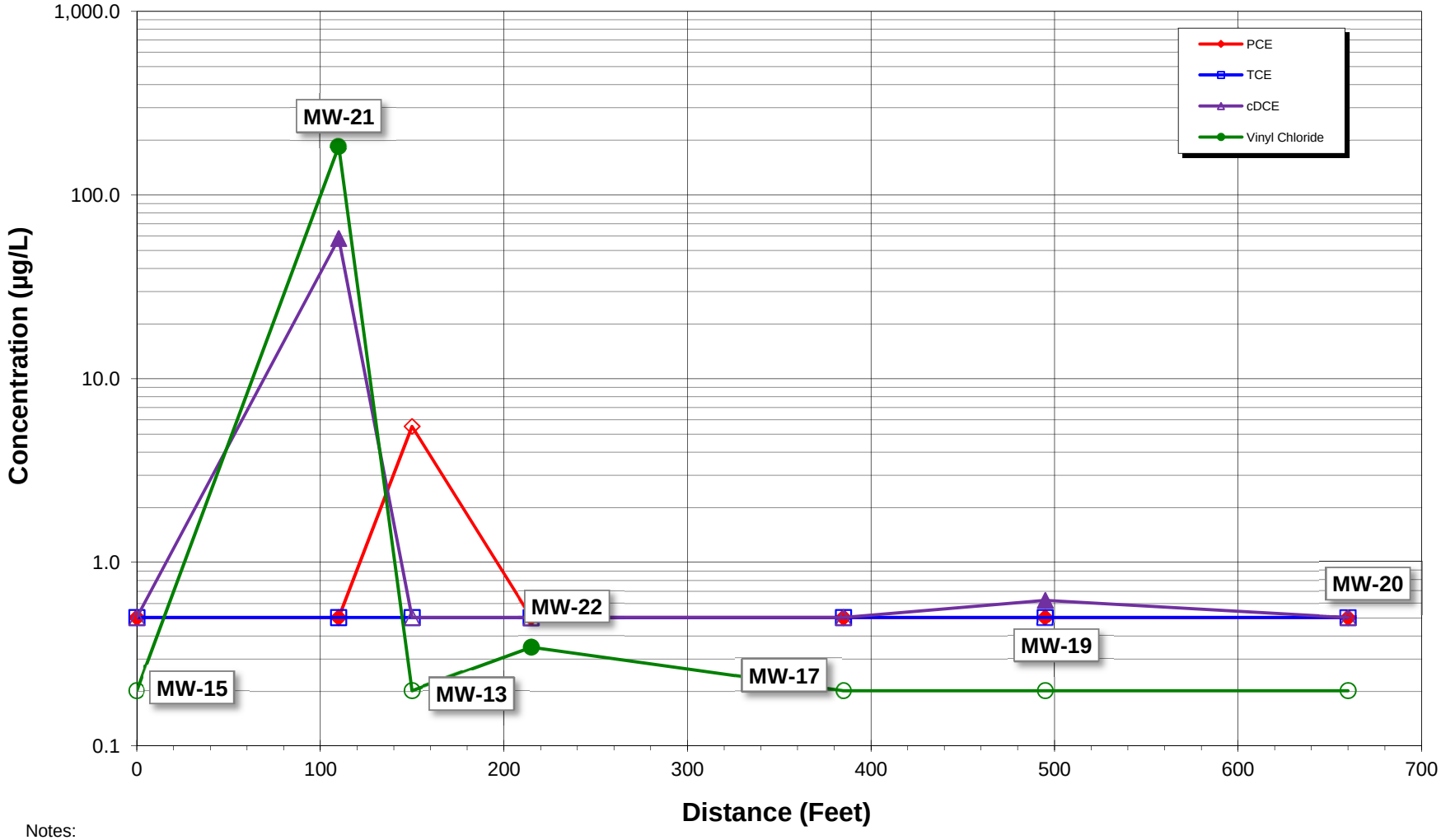
Notes:
1) MW-15 located upgradient of deep source treatment area.
2) Non-detect results below the MRLs are shown as hollow data points.

Figure C47. Concentrations of Chloroethanes vs Distance from Deep Treatment Area
September 2014
Univar USA Inc., Kent, Washington



Notes:
1) MW-15 located upgradient of deep source treatment area.
2) Non-detect results below the MRLs are shown as hollow data points.

Figure C48. Concentrations of Chlorinated Ethenes vs Distance from Deep Treatment Area
September 2014
Univar USA Inc., Kent, Washington



Notes:
1) MW-15 located upgradient of deep source treatment area.
2) Non-detect results below the MRLs are shown as hollow data points.

Figure C49. Microbial and Vinyl Chloride Concentrations
Well MW-13

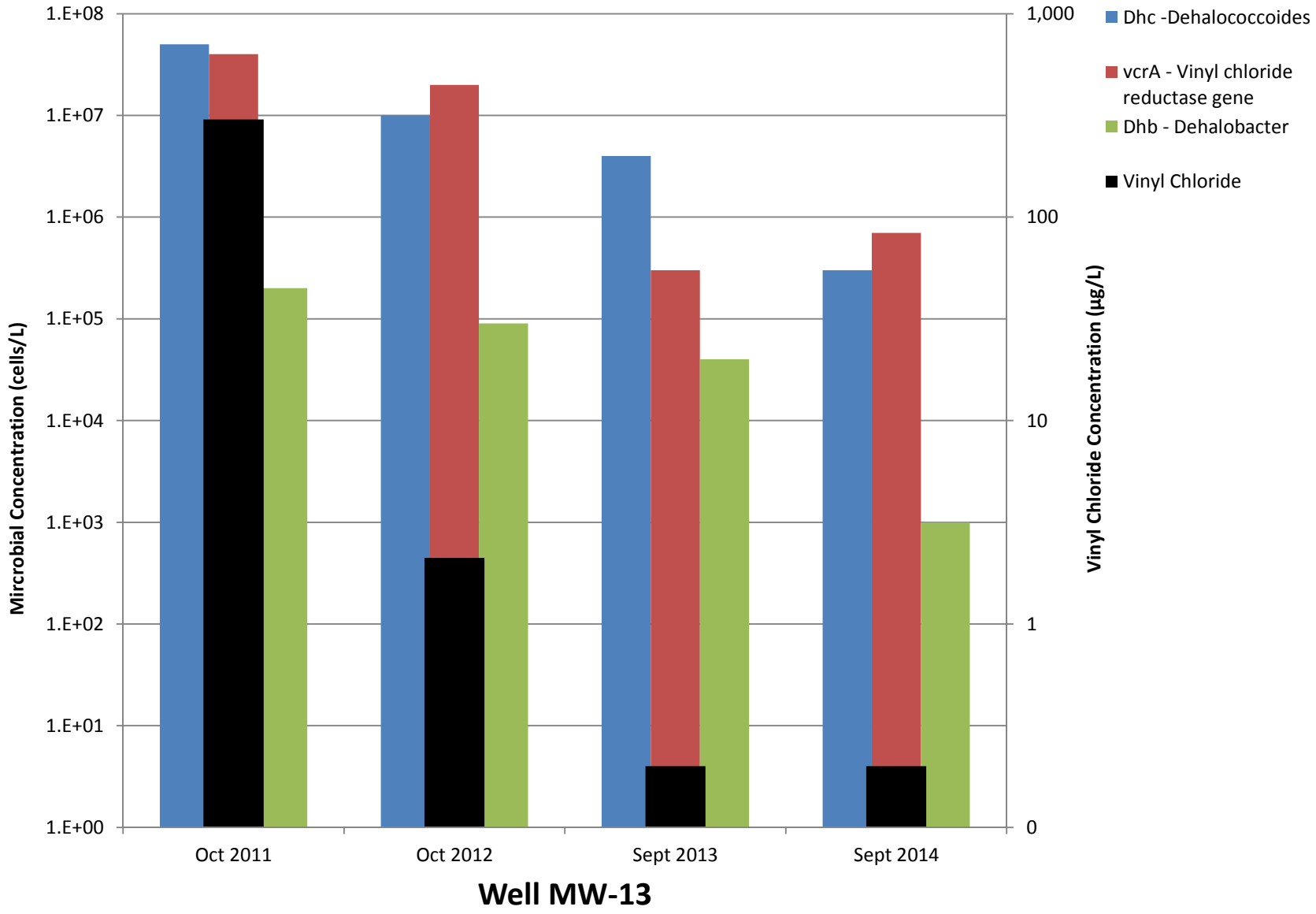


Figure C50. Microbial and Vinyl Chloride Concentrations
Well MW-21

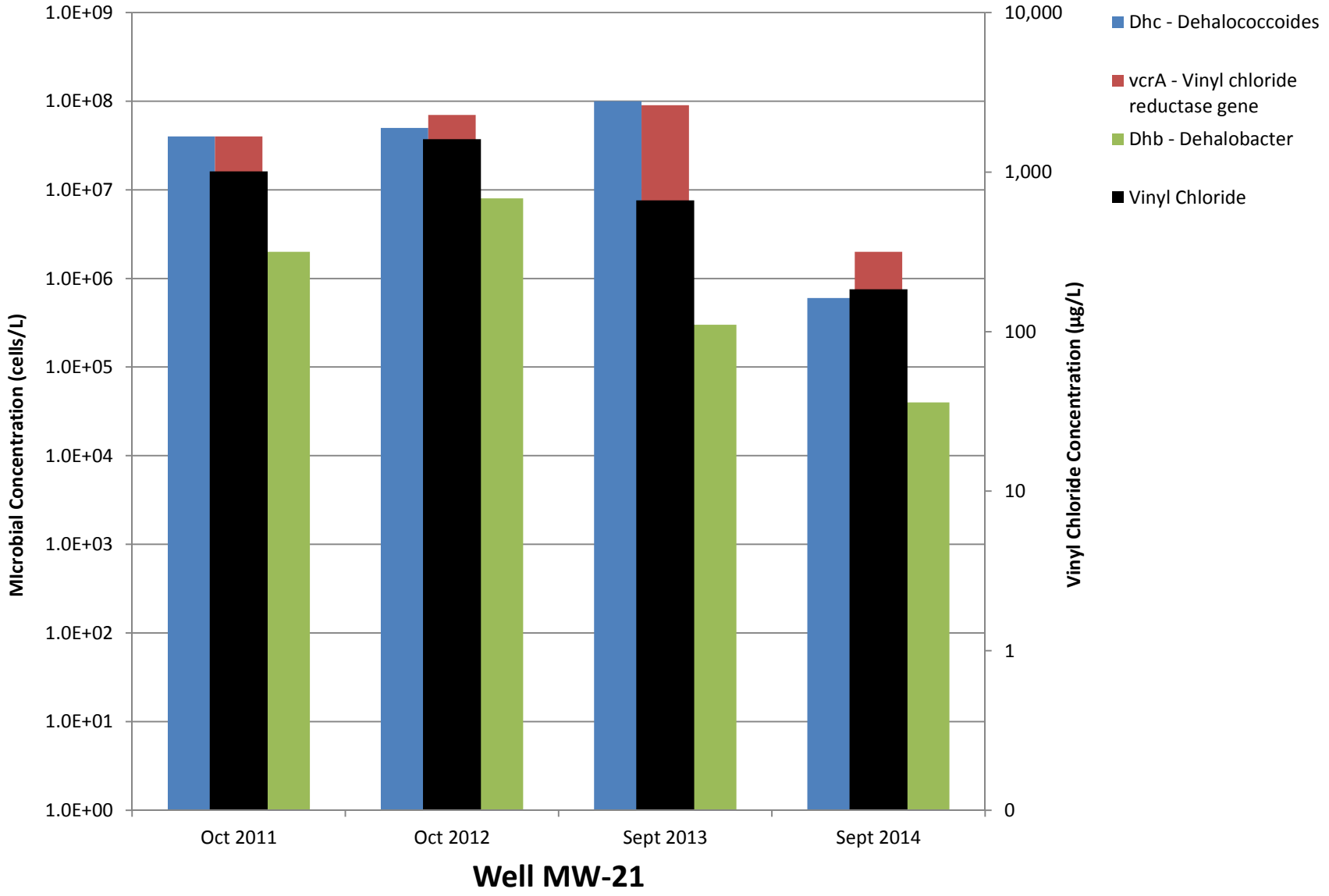


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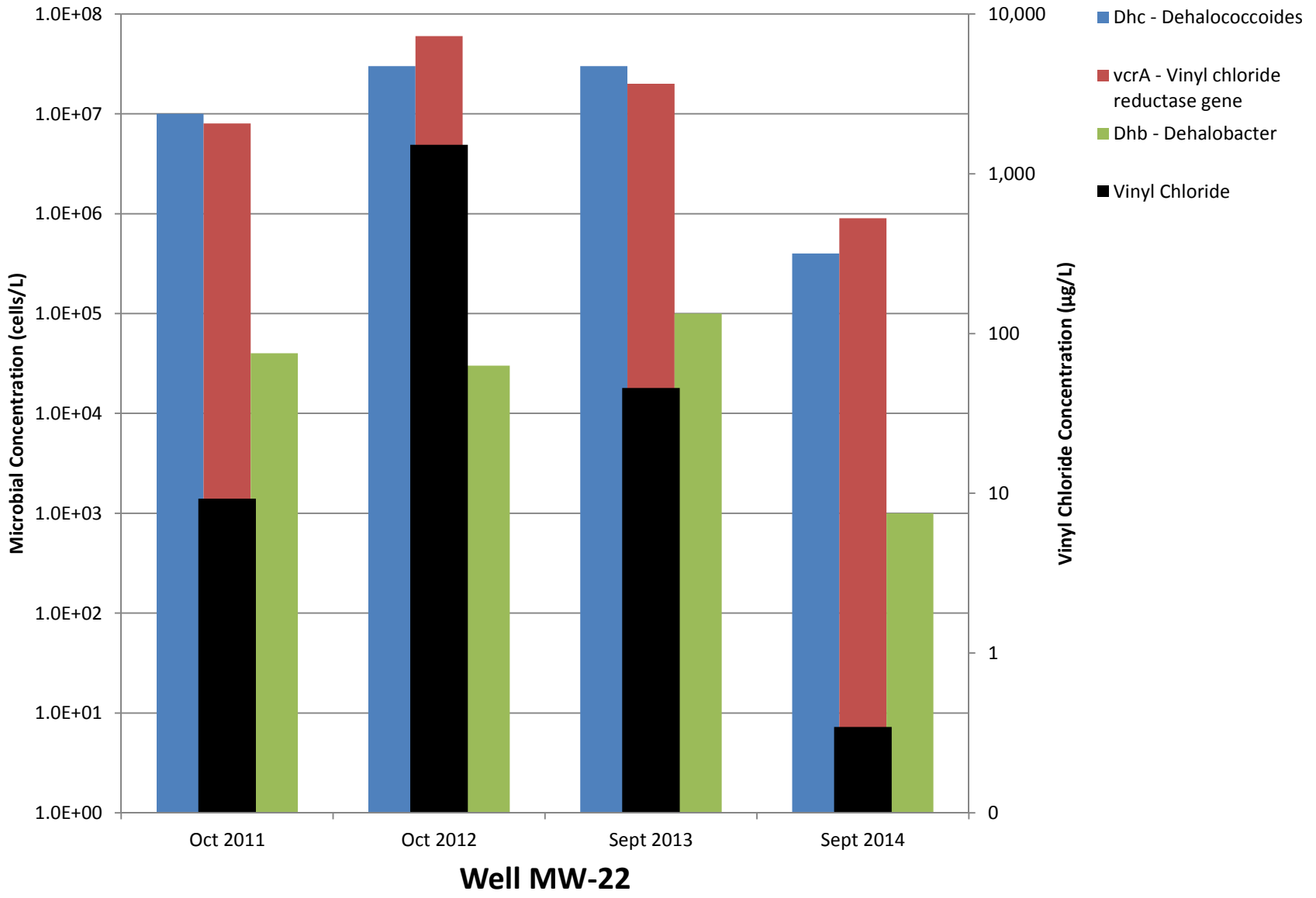
Figure C51. Microbial and Vinyl Chloride Concentrations
Well MW-22



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APPENDIX D

MONITORING WELL LOGS, SOIL SAMPLING RESULTS, AND MONITORING WELL COMPLETION DETAILS

Project: UNIVAR Kent 212th
Project Location: 8201 S 212th Street, Kent, Washington
Project Number: 19999919

Log of Monitoring Well MW-27

Date(s) Drilled	**9/11/2014**	Logged By	**C. Pearson**	Checked By	**A. Palmieri**
Drilling Method	**HSA**	Drilling Contractor	**Cascade Drilling**	Total Depth of Borehole	**48 feet bgs**
Drill Rig Type	**CME 55**	Drill Bit Size/Type	**8" HSA**	Ground Surface Elevation (feet MSL)	**32.98**
Groundwater Level	**10 ft**	Sampling Method	**D&M**	Hammer Data	**140# Piston**
Borehole Backfill	**Monitoring Well Installed**	Location	**North side of 212th accross from UNIVAR**		

Elevation, feet	Downhole Depth, feet	SAMPLES Type	SAMPLES Number	Blows/ 6in.	Recovery (%)	PID/OVM (ppm)	Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
	0								Concrete sidewalk		
								ML	Brown SILT with fine-grained sand (loose) (moist) (no odor) (no sheen)		
30								SM	Dark brown fine to very fine SAND with silt (loose) (moist) (no odor) (no sheen)		
	5					0.0					
25											
	10					0.0			Dark brown very fine to fine SAND with silt (loose) (moist) (no odor) (no sheen)	10 ft ▼	
20											
	15					0.0			Gray fine to very fine SAND with silt (loose) (wet) (no odor) (no sheen)		Heaving sands after 15' bgs
15											
	20		MW27-091114 (20-21)								1120 After 20' forgo sample collection due to heaving sands and time constraints
10											
	25										
5											
	30										

ENV2 WITH WELL C:\USERS\ANN_CAMPBELL\DESKTOP\ANN WORK\FEBRUARY 25\19999919LOGS.GPJ URSSEA3B.GLB URSSEA3.GDT 2/25/15

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Project: UNIVAR Kent 212th
Project Location: 8201 S 212th Street, Kent, Washington
Project Number: 19999919

Log of Monitoring Well MW-27

Elevation, feet	Downhole Depth, feet	SAMPLES Type Number	Blows/ 6in.	Recovery (%)	PID/OVM (ppm)	Graphic Log	USCS	MATERIAL DESCRIPTION		REMARKS AND WELL DETAILS
	30						SM			Water added to hole during drilling to counteract heaving sands
0										
	35									
-5										No field indication of contaminants in soil cuttings
	40						SP	Gray coarse SAND (loose) (wet) (no odor) (no sheen)		
-10										
	45									
-15								Boring was completed to 48' bgs on 9/11/14. Groundwater was encountered at 10' bgs on 9/11/14. Boring was completed as monitoring well: 8" flushmount well box 0'-35' 2" Sch. 40 PVC riser 35'-47.75' 2" Sch. 40 PVC 0.010" screen 47.75'-48' Plugged blank casing 0'-2' Neat cement 2'-24' Hydrated bentonite chips 24'-48' 20/40 Colorado silica sand (washed) Ecology Well Tag ID# BID 692		
	50									
-20										
	55									
-25										
	60									
-30										
	65									

Project: UNIVAR Kent 212th
Project Location: 8201 S 212th Street, Kent, Washington
Project Number: 19999919

Log of Monitoring Well MW-28

Date(s) Drilled	**9/12/2014**	Logged By	**C. Pearson**	Checked By	**A. Palmieri**
Drilling Method	**HSA**	Drilling Contractor	**Cascade Drilling**	Total Depth of Borehole	**45 feet bgs**
Drill Rig Type	**CME 55**	Drill Bit Size/Type	**8" HSA**	Ground Surface Elevation (feet MSL)	**34.60**
Groundwater Level	**10 ft**	Sampling Method	**D&M**	Hammer Data	**140# Piston**
Borehole Backfill	**Monitoring Well Installed**	Location	**Landscaping near office & warehouse parking entrance**		

Elevation, feet	Downhole Depth, feet	SAMPLES Type	SAMPLES Number	Blows/ 6in.	Recovery (%)	PID/OVM (ppm)	Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
	0								Grass and topsoil		
								GM	Brown silty medium rounded GRAVEL (loose) (moist)		
30	5					0.0		ML	Dark brown SILT and very fine SAND (loose) (moist) (organic odor) (no sheen)		
25	10					0.0		SM	10 ft ▼ Dark brown silty fine to very fine SAND (loose) (wet) (no odor) (no sheen)		
20	15		MW28-091214 (15-16)			0.0		ML	Dark gray SILT, trace wood materials (low plasticity) (wet) (no odor) (no sheen)		0930
15	20					0.0		SM	Dark gray silty medium- to fine-grained SAND, wood chunk present (no odor) (no sheen)		
10	25					0.0					Wood chunk prevented recovery
5	30										

ENV2 WITH WELL C:\USERS\ANN_CAMPBELL\DESKTOP\ANN WORK\FEBRUARY 25\19999919LOGS.GPJ URSSEA3B.GLB URSSEA3.GDT 2/25/15

URS

Project: UNIVAR Kent 212th
Project Location: 8201 S 212th Street, Kent, Washington
Project Number: 19999919

Log of Monitoring Well MW-28

Elevation, feet	Downhole Depth, feet	SAMPLES Type Number	Blows/ 6in.	Recovery (%)	PID/OVM (ppm)	Graphic Log	USCS	MATERIAL DESCRIPTION		REMARKS AND WELL DETAILS
	30				0.0		SM			
0	35				0.0			Dark gray silty medium- to fine-grained SAND, trace organic material (no odor) (no sheen)		
-5	40	MW28-091214 (40-41)			0.0					1005
-10	45				0.0		ML	Dark gray SILT with sand, trace organic materials (wet) (no odor) (no sheen)		
-15	50							Boring was completed to 45' bgs on 9/12/14. Groundwater was encountered at 10' bgs on 9/12/14. Boring was completed as monitoring well: 8" flushmount well box 0'-32.5' 2" Sch. 40 PVC riser 32.5'-44.75' 2" Sch. 40 PVC 0.010" screen 44.75'-45' Plugged blank casing 0'-2' Neat cement 2'-24' Hydrated bentonite chips 24'-45' 20/40 Colorado silica sand (washed) Ecology Well Tag ID# BID 693		
-20	55									
-25	60									
-30	65									

Table D-1
Soil Boring Sampling Results
Univar USA Inc.,
8201 S. 212th Street, Kent, Washington

Location (Monitoring Well)	Depth Interval (ft bgs)	Date Collected	Acetone (mg/kg)
MW-27	20-21	09/11/14	0.584
MW-28	15-16	09/12/14	0.635
	40-41	09/12/14	0.758

NOTE: ft bgs - feet below ground surface
mg/kg - milligrams per kilogram
Soil samples were collected from the well development borings for MW-27 and MW-28 and analyzed for volatile organic compounds by EPA Method 8260. Results in table are reported for detected VOCs only (acetone).

Table D-2
Monitoring Well Completion Details
Univar USA Inc.,
8201 S. 212th Street, Kent, Washington

Well	Northing	Easting	Monitoring Point Elevation	Surface Casing Rim Elevation	Boring Depth	Well Diameter	Screen Depth	Filter Pack Depth	Seal Depth
Shallow Monitoring Wells									
MW-1	153,067.16	1,654,570.34	33.15	33.42	21	2	4 - 19	3 - 21	0 - 3
MW-2	152,856.32	1,654,684.28	33.79	34.12	21	2	4 - 19	3 - 21	0 - 3
MW-3	153,315.66	1,654,344.26	32.94	33.23	21	2	4 - 19	3 - 21	0 - 3
MW-4	153,142.72	1,654,552.77	32.86	33.45	15	2	4.5 - 14.5	3 - 15	0 - 3
MW-5	153,239.21	1,654,654.19	32.60	33.06	15	2	4.5 - 14.5	3 - 15	0 - 3
MW-6	153,087.14	1,654,718.33	33.05	33.94	15	2	4.5 - 14.5	3 - 15	0 - 3
MW-7	153,300.59	1,654,656.24	32.96	33.34	15	2	4.5 - 14.5	3 - 15	0 - 3
MW-8	153,264.46	1,654,715.62	33.57	34.02	15	2	4.5 - 14.5	3 - 15	0 - 3
MW-9	153,229.88	1,654,722.90	33.77	34.18	15	2	5 - 15	4 - 15	0 - 4
MW-10	153,287.96	1,654,538.92	32.89	33.23	15	2	5 - 15	4 - 15	0 - 4
MW-11	153,234.78	1,654,648.47	32.79	33.03	20	2	5 - 20	4 - 20	0 - 4
MW-12	153,231.74	1,654,637.88	32.81	33.06	20	2	5 - 20	4 - 20	0 - 4
MW-23	153,302.15	1,654,623.57	32.78	33.14	15	2	5 - 15	3 - 15	0 - 3
Deep Monitoring Wells and Piezometer									
MW-13	153,109.13	1,654,571.51	32.81	33.17	45.3	2	39.6 - 44.1	37 - 44.6	0 - 37
MW-14	153,086.60	1,654,671.42	32.60	33.11	43	2	32.7 - 42.2	30 - 43	0 - 30
MW-15	152,979.86	1,654,652.03	32.57	32.90	44	2	33.7 - 43.5	31 - 44	0 - 31
MW-16	153,133.76	1,654,408.04	36.92	37.35	48	2	37.2 - 47.2	35 - 48	0 - 35
MW-17	153,293.66	1,654,405.47	32.60	33.17	44.3	2	34.3 - 43.8	32 - 44.3	0 - 32
MW-18	153,291.64	1,654,531.24	32.73	33.21	44	2	34.0 - 43.5	31 - 44	0 - 31
MW-19	153,414.15	1,654,432.23	33.52	33.83	50	2	39.4 - 49.4	37 - 50	0 - 37
MW-20	153,534.98	1,654,292.89	33.15	33.45	44.5	2	33.5 - 43.2	31 - 43..2	0 - 31
MW-21	153,067.03	1,654,586.65	32.86	33.22	43	2	34.1 - 44.1	29 - 40	0 - 29
MW-22	153,165.68	1,654,540.55	33.18	33.63	45	2	32.2 - 42.2	32 - 41	0 - 32
MW-24	153,066.43	1,654,593.81	32.74	33.17	42	1.5	21.8 - 41.8	21 - 42	0 - 21
MW-25	153,112.45	1,654,577.78	32.80	33.16	42	1.5	21.8 - 41.8	21 - 42	0 - 21
MW-27	153,539.52	1,654,481.16	32.62	32.98	48	2	38-48	35-48	0-35
MW-28	153,424.11	1,654,195.52	34.22	34.63	45	2	35-45	32.5-45	0-32.5
P-1	153,262.87	1,654,705.45	33.62	33.99	46.5	2	39.0 - 44.0	37 - 44.5	0 - 37

Notes:
1. Northing and easting in feet relative to the Washington State Plane System North Zone (NAD 27).
2. Elevations in feet relative to the North American Vertical Datum (NAVD 88).
3. Monitoring point = top of the PVC well casing.
4. All wells but MW-20 and MW-27 located on Univar property; MW-20 and MW-27 located on City of Kent right-of-way.
5. All depths shown in feet below ground surface.
6. All wells completed with Schedule 40 PVC.
7. Well diameters in inches.

APPENDIX E

GROUNDWATER SAMPLING AND DRILLING FIELD FORMS, ANALYTICAL LAB REPORTS, AND DATA VALIDATION REPORTS

GROUNDWATER SAMPLING AND DRILLING FIELD FORMS,
ANALYTICAL LAB REPORTS, AND
DATA VALIDATION REPORTS

(LOCATED ON CD ATTACHED TO BACK COVER)