2015 Annual Environmental Monitoring Report
SMC and Cadet Sites
Port of Vancouver

Prepared for
Port of Vancouver USA

March 2016

Prepared by
Parametrix

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SMC and Cadet Sites
Port of Vancouver

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CERTIFICATION

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned, whose seal, as a professional hydrogeologist licensed to practice as such, is affixed below.

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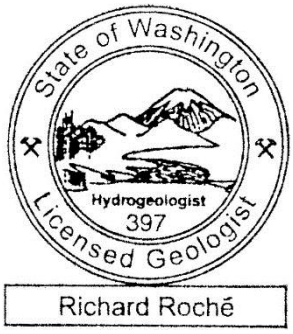

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ACRONYMS

1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichloroethene
1,1,1-TCA	1,1,1-trichloroethane
µg/L	micrograms per liter
AEMR	Annual Environmental Monitoring Report
AO	Agreed Order
AS/SVE	air sparging/soil vapor extraction
Cadet	Cadet Manufacturing Company
cis-1,2-DCE	cis-1,2-dichloroethene
Ecology	Washington State Department of Ecology
GWM	Great Western Malting
gpm	gallons per minute
GPTIA	groundwater pump and treat interim action
MTCA	Model Toxics Control Act
PCE	tetrachloroethene
Port	Port of Vancouver
RI	remedial investigation
RI/FS	remedial investigation/feasibility study
SMC	Swan Manufacturing Company
SVE	Soil Vapor Extraction
TCE	trichloroethene
TGA	Troutdale gravel aquifer
USA	unconsolidated sedimentary aquifer
USGS	U.S. Geological Survey
VOC	volatile organic compound

1. INTRODUCTION

This 2015 Annual Environmental Monitoring Report (AEMR) for the Swan Manufacturing Company (SMC) site (a.k.a. SMC site or former Building 2220 site) and the Cadet Manufacturing Company (Cadet) site was prepared by Parametrix on behalf of the Port of Vancouver (Port). The SMC and Cadet sites are located near the intersection of Fourth Plain Boulevard (or Lower River Road) and Mill Plain Boulevard in Vancouver, Washington (Figure 1-1).

This report summarizes environmental monitoring data collected during 2015 as part of the remedial investigation and feasibility study (RI/FS) and interim cleanup actions at the SMC and Cadet sites. The Port has been conducting the RI/FS at the SMC and Cadet sites to address trichloroethene (TCE) and other related volatile organic compounds (VOCs) in soil and groundwater. The RI for the SMC site was completed in 2009 (Parametrix 2009a) and approved by Ecology in a letter dated May 8, 2009 (Ecology 2009). The RI for the Cadet site was completed in 2010 (Parametrix 2010) and approved by Ecology in a letter dated May 26, 2010 (Ecology 2010). The Port acquired the Cadet property in 2006 as part of a settlement agreement and assumed responsibility for cleanup of the Cadet site at that time. Contamination from the Cadet source has commingled with the SMC contaminant plume in the Port area east of the SMC site. Soil gas, outdoor air, and indoor air sampling were previously completed in the vicinity of the SMC and Cadet sites as an element of the remedial investigations and interim cleanup actions.

An RI/FS is also being conducted at the NuStar Vancouver Terminal facility to address TCE and related VOCs in soil, sediments, and groundwater. The RI for the NuStar site was completed in 2013. The NuStar site is located south of the SMC and Cadet sites adjacent to the north shore of the Columbia River (Figure 1-1).

A jointly prepared final draft FS Report for the NuStar, Cadet, and SMC sites (Parametrix & Apex 2015) was submitted to Ecology in January 2015.

The Port entered into Agreed Order (AO) 07-TC-S DE-5189 on May 1, 2008, which replaced and combined the SMC and Cadet sites into a single AO. This AO was amended effective January 24, 2014, to incorporate the area-wide groundwater plume and address the collaborative nature of the FS conducted for the SMC, Cadet, and NuStar sites. A new AO (DE 11137) effective March 12, 2015, supersedes prior AOs and requires POV and NuStar to prepare a preliminary Cleanup Action Plan.

The term *project area* is used in this report to describe the delineated extent of groundwater contamination from the SMC, Cadet, and NuStar source areas. The project area includes Port-owned property and property owned by others. Although the project area includes the NuStar source, this report focuses on the nature and extent of contamination originating at the SMC and Cadet sites only.

1.1 Purpose

This report documents groundwater data and interpretations for monitoring completed during 2015 as part of the SMC and Cadet RI/FS.

Monitoring of the SMC and Cadet sites has included groundwater, soil gas, indoor air and outdoor air. As documented in prior AEMRs, interim treatment actions completed at the SMC and Cadet sites have resulted in substantial reduction in VOC concentrations. The monitoring program associated with the SMC and Cadet sites has been, and will continue to be, optimized as contaminant issues and risks are

reduced or eliminated. Examples of optimization include discontinuation of air and vapor monitoring and reduction of groundwater monitoring frequency.

The Final Indoor Air Monitoring Evaluation was approved by Ecology in a letter dated March 8, 2013 (Ecology 2013). As summarized in Ecology's approval letter, indoor air monitoring, outdoor air, and soil vapor monitoring were discontinued in 2011 based on the results of additional monitoring conducted from 2009 to 2011. Consequently, since 2012, monitoring associated with the SMC and Cadet sites has been limited to groundwater.

Site-wide groundwater monitoring frequency changed from quarterly to a semi-annual beginning in late 2012 as approved by Ecology in a letter dated September 12, 2012 (Ecology 2012). During 2014, monitoring of SMC source area shallow wells was completed at a quarterly frequency to support the evaluation of interim actions and remedial alternatives assessed in the FS.

During 2015 the Port proposed modification of the groundwater monitoring program to reflect continued reductions of contaminant extent and concentrations. These modifications included reducing the frequency and/or discontinuing sampling at specific Port and Cadet monitoring well locations. These modifications were approved by Ecology (Ecology 2016) and are discussed in more detail in Section 2.

A Groundwater Pump and Treatment Interim Action (GPTIA) was implemented in June 2009 to capture the commingled dissolved VOC plumes sourced from the SMC and Cadet sites and to reduce the concentrations of VOCs in groundwater in the project area. Operation of the GPTIA has been continuous with the exception of periods when maintenance required the system to be shut down. Consistent with Ecology-mandated remedial action objectives, the GPTIA is used to:

- Achieve hydraulic containment of the SMC/Cadet dissolved-phase VOC plume
- Remove dissolved-phase VOCs in groundwater

Hydraulic containment of the plume prevents further migration of contaminants in the aquifer. Removal of the dissolved-phase VOCs remediates the aquifer.

The GPTIA consists of a groundwater extraction well located at the former SMC site and a treatment system using air stripping technology to reduce VOCs to acceptable levels for discharge. Additional details regarding the rationale for selecting and implementing the interim action are summarized in the project Work Plan (Parametrix 2007).

2. GROUNDWATER MONITORING ACTIVITIES

The SMC and Cadet groundwater monitoring well networks are shown on Figures 2-1 and 2-2, respectively. Table 2-1 identifies SMC and Cadet groundwater monitoring wells sampled during 2015 and the proposed schedule for 2016. The active groundwater monitoring networks for the SMC and Cadet sites currently consist of 37 and 56 well locations, respectively (as of the third quarter of 2015). The Cadet site network includes a number of multi-port wells with each port counted as one well. Groundwater monitoring well completion data are summarized in Table 2-2.

As shown in Table 2-1, the first and third quarter sampling events represent site-wide monitoring events with the objective to provide a comprehensive assessment of groundwater quality conditions at the two sites. The first quarter event is the most comprehensive of the two semi-annual events. The third quarter event focuses on wells within the plume and those that define its edges. In addition, specific shallow SMC source area wells were sampled during the second quarter to provide additional data for assessment of the source area cleanup.

The Ecology-approved modified groundwater monitoring program was implemented prior to the third quarter sampling event. Proposed modifications included the following:

- Discontinue sampling at all Troutdale gravel aquifer (TGA) wells except for CM-MW-29TGA. CM-MW-29TGA will continue to be sampled annually during the first quarter sampling event.
- Discontinue sampling at 26 unconsolidated sedimentary aquifer (USA) monitoring wells.
- Reduce sampling frequency at 6 USA monitoring wells from quarterly to semi-annually.
- Reduce sampling frequency at 25 USA monitoring wells from semi-annually to annually.

A draft optimization proposal, which provided technical justification for the modifications, was submitted to Ecology on August 6, 2015, and was verbally approved by Ecology on September 3, 2015, immediately preceding the third quarter sampling event. A final optimization plan (Parametrix 2016) and written approval (Ecology 2016) were completed in early 2016. These changes are reflected in the monitoring schedule for 2016 as presented on Table 2-1.

2.1 Groundwater Level Measurements

Due to the dynamic behavior of the groundwater system in the project area, caused by a combination of conditions including high transmissivity, relatively flat groundwater gradients, high river interconnectivity coupled with river stage change (tidal, regional precipitation, and dam discharge), groundwater level data used to develop potentiometric contour maps in the project area have been measured using a network of 16 pressure transducers located in intermediate zone wells since 2006.

Using data collected from the 16 SMC and Cadet pressure transducers, 72-hour rolling averages of groundwater levels were calculated and used to produce the potentiometric surface maps for the semi-annual monitoring events discussed in Section 3. Calculation of rolling averages aids in normalizing the influence of tidal fluctuations on groundwater levels (Serfes 1991). This method depicts the mean potentiometric surface (groundwater gradients) in the aquifer for the time period considered. The method and rationale to use 72-hour rolling averages of groundwater levels to produce potentiometric contour maps for the project area is presented in the Final SMC RI Report (Parametrix 2009a).

As of 2015, a majority of the transducer network had been deployed for almost 10 years and had begun to experience operational issues primarily related to datalogger battery life. As a result, data from all water level monitoring locations was not available for 2015.

2.2 Groundwater Quality Sampling Activities

Groundwater quality samples collected from SMC and Cadet monitoring wells during the first quarter of 2015 were submitted to TestAmerica located in Beaverton, Oregon. All subsequent samples collected during 2015 were submitted to Apex Laboratories located in Tigard, Oregon. Submitted samples were analyzed for VOCs by EPA Method 8260B. Groundwater quality samples were collected during the following time periods:

- First Quarter event – March 1 through 20
- Second Quarter event – June 30
- Third Quarter event – September 2 through 25

Sampling during the second quarter event was limited to shallow wells associated with the SMC source area.

Table 2-1 identifies monitoring wells sampled during each sampling event. Appendix A contains a summary of historical groundwater VOC analytical results for the SMC and Cadet sites. All appendices are provided on a CD attached to the back cover of this report. Appendix B contains the Quality Assurance Plan for sample collection, laboratory analysis, and data reporting. Laboratory analytical reports, chain-of-custody documents, and a data quality assurance review of samples collected during 2015 are included in Appendix C. The data quality assurance review includes a summary of sample data quality and deviations, if any, from the quality control criteria established in the RI/FS Work Plan (Parametrix 1999). The quality assurance review indicates that the data are of sufficient quality to meet project objectives.

SMC and Cadet monitoring wells are sampled using low-flow sampling techniques with limited use of dedicated dual-valve pump or a peristaltic pump at locations where bladder pumps could not be accommodated. Water levels in shallower wells on occasion have been found to be below the intake of the dedicated bladder pump. A peristaltic pump is then used to sample the well. Field methods are documented in Appendix D, and completed field sampling data sheets are included in Appendix F.

The presence of low water levels during the third quarter sampling event resulted in scheduled samples from shallow wells VMW-08 and VMW-09 at the SMC site and CM-MW-04s, CM-MW-08s, and CM-MW-20s at the Cadet site not being collected. In addition, a number of shallow and intermediate zone wells were inadvertently not sampled during the third-quarter sampling event.

3. GROUNDWATER LEVEL RESULTS AND ANALYSIS

Groundwater level data collected from the transducer network described in Section 2.1 were used to develop potentiometric surface maps for the project area. As noted, due to datalogger battery declines, water level data from 2015 are limited. As a result, no potentiometric surface map for the third quarter sampling event was produced. Figure 3-1 shows the calculated 72-hour rolling averages of transducer data for the first quarter of 2015.

As documented in several reports (Parametrix 2009a, 2010, 2011), estimating existing groundwater flow directions in the project area is difficult using conventional methods due to the following conditions:

- The groundwater gradient (potentiometric surface) in the project area, in general, is extremely flat due to a combination of high transmissivity and generally flat topography.
- The dominant influences on groundwater flow in the USA in the project area are tidal fluctuations in the Columbia River and pumping at the GPTIA extraction well. Water level measurements indicate that the USA responds rapidly to changes in river stage. There is a high connectivity between the USA and the river.
- Upstream dam releases, regional runoff events, pumping at the Great Western Malting (GWM)/Port well field, and pumping at City of Vancouver water stations 1 and 3 also influence groundwater flow in the project area.

Pumping wells located in and outside of the project area influence groundwater flow over relatively large areas due to the presence of a flat groundwater gradient and high aquifer transmissivity. As indicated in Section 2.1, groundwater level data obtained from a network of 16 pressure transducers are used to develop potentiometric contour maps based a 72-hour rolling average. This method aids in normalizing the influence of tidal fluctuations in groundwater flow and depicts the mean potentiometric surface for the 72-hour period considered (Serfes 1991). Capture zones in the project area are difficult to delineate based on groundwater elevations alone due to the conditions noted above. The Vancouver Lake lowlands groundwater flow model (Parametrix et al. 2008), which considers pumping stresses and river stage conditions, provides a means to best delineate capture zones.

Figure 3-2 displays Columbia River stage data for 2015. Consistent with the 2006 transducer study completed in coordination with Clark Public Utilities (Parametrix et al. 2008), Columbia River stage levels are obtained at the I-5 bridge gaging station (USGS station 1414700) equipped with a transducer owned and maintained by the National Weather Service. Research and survey work completed as part of the 2006 transducer study established a correction required to calibrate the monitoring well transducer survey datum with the I-5 bridge gaging station datum. The 72-hour rolling average river stage elevation also is presented on Figure 3-1.

As shown on Figure 3-2, river stage changes can be significant (more than 4.5 feet during the first quarter sampling event in 2015) during the course of a sampling event and between events. River stage changes are manifested in variable water levels occurring in monitoring wells and in the apparent groundwater flow direction during short periods (e.g., less than an hour) in the project area. Water levels in wells located closest to the river tend to change most rapidly in response to river stage change. In contrast, wells located farther away from the river tend to have a more muted and lagged response to river stage change. The influence of river stage changes in addition to production and extraction well pumping affects groundwater flow in the project area.

General observations of Columbia River stage and groundwater levels include:

- Groundwater levels in the project area vary seasonally throughout the period of record. Generally, seasonal low groundwater elevations occur between July and December, while seasonal high groundwater elevations occur between January and June. These low and high groundwater elevation periods correspond to seasonal Columbia River stage conditions. The highest river stage in 2015 occurred in early December (18.87 feet on December 10th) resulting from a series of significant regional precipitation events.
- Groundwater elevations measured during each semi-annual event of 2015 are generally consistent with historical elevations observed since 2002, suggesting a similar yearly pattern of high and low elevations during the periods of January through June and July through December, respectively.

Groundwater gradient and flow directions based on transducer data collected in the project area during 2015 are summarized as follows:

- First quarter 2015 monitoring event: Overall groundwater flow in the project area was toward the GPTIA extraction well with a generally flat area northeast of the Columbia River between Lower River Road and the Port area. Rolling average groundwater flow directions for the first quarter 2015 event are shown on Figure 3-1. During the period represented on Figure 3-1, the river stage elevation was lower than groundwater elevations at wells located closest to the river. Due to the absence of water level data in the eastern portion of the project area, the historical water level was taken into consideration when portraying flow direction in this area.
- Third quarter 2015 monitoring event: As noted above, due to battery issues in the aging dataloggers, sufficient water level data to create a third quarter potentiometric surface map were not available.

In general, the above potentiometric surfaces and their associated groundwater flow directions are consistent with flow directions observed since operation of the GPTIA commenced in 2009. Observed flow directions are generally toward the GPTIA extraction well from the river and the northwestern and eastern portions of the project area. Project area lows are observed near the river typically when river stage elevation is lower than all observed groundwater levels.

4. GROUNDWATER QUALITY RESULTS AND EVALUATION

VOC analytical results for groundwater samples collected at the SMC and Cadet sites during 2015 are summarized in Table 4-1. Only compounds detected during 2015 are summarized in Table 4-1. Appendix A contains historical and current groundwater VOC analytical data for the two sites. Laboratory analytical reports, chain-of-custody documents, and data validation reports are included in Appendix C.

The overall distribution of VOC contamination in the project area has been defined using analytical results of groundwater samples collected for more than 15 years as part of the SMC, Cadet, and NuStar investigations. Data collected during 2015 indicate continued decline of contaminant concentrations in groundwater.

The evaluation of VOCs in groundwater in the project area was primarily based on use of concentration trends and isoconcentration maps for each USA monitoring zone (e.g., shallow, intermediate, and deep). As indicated in Table 4-1, 11 different VOCs were detected in groundwater samples collected during 2015. The evaluation of groundwater results focused on the distribution of TCE and tetrachloroethene (PCE), because these two compounds best represent the extent of chlorinated solvent contamination associated with the SMC and Cadet sites. Wherever TCE-related compounds such as cis-1,2-dichloroethene (cis-1,2-DCE) or 1,1-dichloroethene (1,1-DCE) were detected, TCE and/or PCE were also detected and at higher concentrations, with the exception of wells located north of the NuStar site. The distribution of TCE-related compounds was similar to that of TCE and PCE, but concentrations of these related compounds were typically lower in samples collected from the SMC and Cadet monitoring wells.

4.1 Results

TCE and PCE isoconcentration maps for the shallow, intermediate, and deep USA zone wells are presented on Figures 4-1 through 4-14; isoconcentration maps are based on data collected during the first and third quarters of 2015. VOC detections (PCE and TCE) associated with the NuStar site source are also included on the isoconcentration maps. The TCE plume is defined by a 4-micrograms per liter (µg/L) contour representing the Model Toxics Control Act (MTCA) Method B cleanup level for TCE. The PCE plume is defined by a 5 µg/L contour representing the Federal Drinking Water Maximum Contaminant Level as the MTCA Method B cleanup level is higher.

The analysis for this report focuses on the contaminant distribution associated with the SMC and Cadet sites and not the NuStar site. The isoconcentration maps also consider historical detections at well locations that were not sampled during the first and third quarters of 2015. A separate figure displaying concentrations in the TGA is not included in this report as PCE and/or TCE were detected in only one TGA well in 2015.

TCE and PCE concentration trends (time series plots) for individual wells are included in Appendix E. Two sets of time series plots are provided in Appendix E: full period and short period. The following is a description of these two types of time series plots:

- Full period: January 1997 to September 2015 – These plots show the full TCE and PCE concentration record for each well. Soil and groundwater interim actions completed at the SMC and Cadet sites from 2002 through 2004 resulted in significant VOC reductions.

- Short period: January 2009 to September 2015 – These plots show the TCE and PCE concentration record for each well since 2009 showing concentrations at reduced scales to provide better resolution of contaminant reductions. These plots also include an indicator marking the beginning of GPTIA operation in June 2009. Significant reductions in groundwater VOC concentrations and the overall extent of the commingled Cadet and SMC plume has since occurred.

4.2 Evaluation

The analytical results for samples collected from monitoring wells during 2015 are discussed for each groundwater quality zone. Results specific to the SMC site and Cadet site are presented to provide an understanding of cleanup progress occurring at each site, particularly with regard to source area reduction.

4.2.1 Shallow USA Zone

Shallow well TCE and PCE concentrations in 2015 were generally consistent with results from 2014. Overall, the data indicate a continued decrease in VOC concentrations in response to continued operation of the GPTIA. With the exception of wells located in the SMC source area, concentrations of TCE and PCE in shallow wells have been reduced to below 10 µg/L. Concentrations of TCE and PCE in shallow source area wells have decreased significantly since startup of the GPTIA in June 2009, as indicated in time series plots. Figure 4-5 shows changes in the intermediate zone TCE plume since 2009.

4.2.1.1 SMC

TCE and/or PCE were detected in 15 of 27 shallow SMC (not including SMC shallow wells with contamination associated with the NuStar site) wells in 2015. The only other related breakdown product detected was cis-1,2-DCE in SMC shallow source area wells VMW-08, VMW-09, and MW-05. Consistent with historical analytical results, the highest concentrations of TCE (2,694.2 µg/L during the second quarter) and PCE (144.8 µg/L during the first quarter) during 2015 were detected in shallow source area well MW 05. The highest concentration of cis-1,2-DCE (19.6 µg/L) was detected in MW-05 during the second quarter.

TCE concentrations in SMC shallow source area wells appear to be relatively stable or declining and are consistent with results from 2014. As TCE is the primary contaminant at the SMC site, trends and plume geometry are discussed in terms of the extent of this compound. In 2015, the shallow TCE plume extended in a generally east-southeast direction from the SMC source with its eastern boundary in the vicinity of MW-10 and MW-16 (Figures 4-1 and 4-2). In areas on Figures 4-2 and 4-4, which are absent of data due to a field error resulting in several wells not being sampled during the third quarter sampling event, recent historical concentrations were taken into account.

4.2.1.2 CADET

TCE and/or PCE were detected in 21 of 28 shallow Cadet wells in 2015. The only other VOC detected in 2015 was 1,1,1-TCA at CM-DPW-01 located adjacent to the east side of the Cadet facility parking lot. Chloroform was detected in CM-MW-19s but is not considered a contaminant associated with the Cadet site. Chloroform has been consistently detected in CM-MW-19s since early 2008, with concentrations slowly decreasing since early 2009. The highest concentrations of TCE (13.28 µg/L) and PCE (3.12 µg/L)

were detected during the third quarter in CM-DPW-01 and during the first quarter in CM-MW-01d-040, respectively.

VOC concentrations in all Cadet shallow wells have declined significantly since startup of the GPTIA in June 2009. However, Cadet source area shallow wells CM-DPW-01 and CM-DPW-06 have exhibited slightly increasing TCE concentrations since 2012.

In 2015, the shallow plume associated with the Cadet site as defined by a 4 µg/L contour is generally confined to the east side of the Cadet facility with lower concentrations extending farther east and northeast (Figures 4-1 and 4-2). As noted in Section 2.2, low water levels did not allow for samples to be collected from wells CM-MW-04s, CM-MW-08s, and CM-MW-20s.

4.2.2 Intermediate USA Zone

TCE and PCE isoconcentration maps for intermediate wells during the 2015 first and third quarter sampling events are presented on Figures 4-6 through 4-9. Overall, TCE and PCE concentrations detected in intermediate zone wells associated with the SMC site and Cadet site continue to decline, with a few wells remaining stable. The Cadet intermediate zone plume is approximately the same in extent compared to 2014 with concentrations within the plume also remaining relatively stable. Figure 4-10 shows changes in the intermediate zone TCE plume since 2009.

4.2.2.1 SMC

TCE and/or PCE were detected in 11 of 13 intermediate SMC (not including intermediate wells with contamination associated with the NuStar site) wells in 2015. Additional VOCs cis-1,2-DCE, 1,1,1-TCA, 1,1-DCA, and 1,1-DCE were also detected in the intermediate zone in MW-05i. These additional VOCs were not detected in intermediate SMC wells that do not have contamination associated with the NuStar site. The highest concentration of TCE, or any other VOC, in an intermediate zone SMC well during 2015 was detected in MW-37i (TCE 42.32 µg/L) during the first quarter. This well is located east of GWM with detected TCE interpreted as coming from a source other than SMC or Cadet. Historically, the highest concentrations of TCE were detected in samples collected from well MW-07i, located directly down-gradient of the SMC source area. VOC concentrations detected in groundwater samples collected from MW-07i have decreased significantly since the start of the GPTIA. Currently the highest SMC-related concentrations in the intermediate zone occur at source area well MW-05i, which has seen higher concentrations since the implementation of the GPTIA.

In 2015, the intermediate plume associated with the SMC source extended in a north-northeast direction with a southern extent just south of MW-07i. What is understood to be a remnant portion of the plume is still present in the vicinity of GWM. The intermediate zone plume continued to contract slightly between 2014 and 2015, with concentrations within the defined plume also decreasing.

4.2.2.2 CADET

TCE and/or PCE were detected in 19 of 20 intermediate Cadet wells in 2015. Additional VOCs cis-1,2-DCE (seven wells) and 1,1-DCA (one well) were also detected in the intermediate zone. The highest concentration of any VOC in an intermediate zone Cadet well during 2015 was detected in CM-MW-23i (TCE 15.8 µg/L) during the first quarter. CM-MW-23i is located northeast of the Cadet source area in the Fruit Valley Neighborhood. The TCE concentration in the third quarter event sample from CM-MW-23i decreased to 12.68 µg/L.

Just prior to startup of GPTIA operation in 2009, CM-MW-04i displayed the highest TCE concentrations in the intermediate USA. Following startup of the GPTIA, TCE concentrations in intermediate zone Cadet wells decreased notably with increasing concentrations observed at CM-MW-20i, which is located just north of the GPTIA extraction well. Consistent concentration declines have since occurred at CM-MW-20i.

4.2.3 Deep USA Zone

TCE and PCE isoconcentration maps for deep wells during the 2015 first and third quarter sampling events are presented on Figures 4-11 through 4-14. Concentrations of TCE and PCE detected in deep zone wells have slowly decreased since startup of the GPTIA in 2009. Figure 4-15 shows changes in the intermediate zone TCE plume since 2009.

4.2.3.1 SMC

TCE, PCE, and cis-1,2-DCE were detected in four of six deep SMC wells in 2015. In addition, 1,1,1-TCA, 1,1-DCA, and/or 1,1-DCE were detected in two of those four wells where TCE, PCE, and cis-1,2-DCE were detected.

4.2.3.2 CADET

TCE and PCE were detected in 11 of 12 deep Cadet wells in 2015. In addition, 1,1,1-TCA, cis-1,2-DCE, 1,1-DCA, and/or 1,1-DCE were detected in 10 of those 11 wells where TCE and PCE were detected.

4.2.4 TGA

VOC analytical results for TGA wells are presented in Table 4-1. Concentrations of TCE and PCE detected in CM-MW-29TGA have decreased since startup of the GPTIA in 2009.

4.2.4.1 SMC

VOCs were not detected in SMC TGA wells (MW-02d, MW-13d, MW-16d, and MW-17d) during 2015. These results are consistent with previous monitoring results.

4.2.4.2 CADET

Consistent with past results, TCE, PCE, and cis-1,2-DCE were detected in CM-MW-29TGA. VOCs were not detected in TGA well CM-MW-10d. Toluene, consistent with historical results, was detected in CM-MW-28TGA. Benzene was detected at a low concentration of 0.25 µg/L in CM-MW-27TGA. The method reporting limit is 0.25 µg/L. It is the first detection of benzene in this well. The detection of toluene and benzene in the two TGA wells is assumed not to be associated with the Cadet or SMC VOC site sources.

5. INTERIM ACTION STATUS SUMMARIES

As documented in the Remedial Investigation reports (Parametrix 2009a, 2010), interim actions were implemented at the SMC and Cadet sites to remediate VOC concentrations in soil, groundwater, and indoor air. Most of these interim actions were completed prior to 2015, with the exception of the GPTIA, which was installed at the SMC site and started operation in June 2009 and has continued to operate since. The following sections summarize the status of the remaining operating interim action (GPTIA) and the inactive Air Sparge/Soil Vapor Extraction (AS/SVE) system at the Cadet site source area.

5.1 Groundwater Pump and Treat Interim Action System

The GPTIA was installed to reduce VOC concentrations in the USA and to provide hydraulic capture for the commingled Cadet and SMC plumes. Operation of the GPTIA was initiated on June 22, 2009. Hydraulic capture is provided by a groundwater extraction well (EW-1) located in the SMC source area (Figure 2-1) which currently operates at an average flow rate of approximately 2,500 gallons per minute (gpm). Extracted groundwater is treated ex-situ (i.e., above ground) by an air stripping process prior to discharge in accordance with a National Pollutant Discharge Elimination System permit.

The GPTIA extracted and treated approximately 1.266 billion gallons of groundwater and removed approximately 75 pounds of VOCs during 2015. The following table summarizes monthly operation of the GPTIA system during 2015.

GPTIA Monthly Monitoring for 2015

Month	Total flow (million gallons)	VOCs removed (pounds)
January 2015	112.7	7.69
February 2015	103.1	7.31
March 2015	114.1	8.20
April 2015	110.4	6.75
May 2015	114.0	6.67
June 2015	109.1	5.34
July 2015	113.9	6.37
August 2015	113.9	5.99
September 2015	110.3	6.23
October 2015	86.2	4.99
November 2015	106.3	5.59
December 2015	71.9	4.03

The GPTIA system experienced minor operational issues in October and December associated with significant precipitation that resulted in reduced flows and mass removal during those months.

The GPTIA system has pumped a total of 8.29 billion gallons and removed approximately 1,060 pounds of VOCs since beginning operation in 2009 through the end of 2015.

GPTIA operation is scheduled to continue at an approximate flow rate of 2,500 gpm. System O&M will occur on an as-needed basis, and sampling in support of GPTIA-associated National Pollutant Discharge Elimination System and Southwest Clean Air Agency permits will be performed on a monthly basis.

5.2 Air Sparge/Soil Vapor Extraction System

An SVE system associated with the Cadet facility was initiated in May 2002, and the associated AS portion of the AS/SVE system began operation in October 2003. The system consists of 41 SVE wells and 73 AS wells and associated contaminant removal equipment. The purpose of this system was to reduce concentrations of VOCs in groundwater and soil gas beneath the Cadet site and indoor air within the Cadet building through a process of stripping VOCs out of groundwater with the AS wells and removing VOCs from the subsurface via the SVE wells.

As documented in the AS/SVE Performance Evaluation Report (Parametrix 2009b), the AS/SVE system has effectively remediated groundwater and soil gas beneath the Cadet site and indoor air within the Cadet building. Ecology approved shut-down of the system in July 2011. An evaluation and decommissioning memorandum was submitted to Ecology in December 2014 (Parametrix 2014) and was approved by Ecology in April 2015 (Ecology 2015).

6. CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are based on field and analytical data collected during 2015 sampling events and previous site data.

6.1 Conclusions

Results of 2015 sampling of groundwater indicate continued overall decline of VOC concentrations in groundwater. Declines in concentrations in 2015 are attributed to the continued operation of the GPTIA. More specific conclusions include:

- The overall extent of the SMC and Cadet VOC plume continues to contract.
- VOC concentrations in the SMC and Cadet shallow groundwater monitoring wells appear to be relatively stable with continuing overall declining trends. Former and current interim actions including soil source removal, SVE, injection of oxidizers, and most recently, operation of the GPTIA have greatly improved the overall quality of the shallow groundwater in the SMC and Cadet project area.
- VOC concentrations in a majority of the SMC and Cadet intermediate USA zone wells continue to decline. The more recent significant reductions in intermediate zone wells are attributed to the GPTIA.
- VOC concentrations in a majority of the SMC and Cadet deep USA zone wells are declining slowly as a result of the GPTIA.
- TCE was not detected in the TGA monitoring wells in 2015 with the exception of low concentrations in CM-MW-29TGA. Concentrations of TCE detected in this well continue to decline which appears to be a result of the GPTIA.

6.2 Recommendations

The following recommendations are based on the findings of the 2015 monitoring program:

- Continue operation of the GPTIA to further reduce VOC concentrations in the project area.
- Continue groundwater monitoring to evaluate GPTIA effectiveness. Semi-annual site-wide monitoring (including recent optimizations) consistent with Table 2-1 should be completed during 2016.
- Replace batteries in pressure transducers as needed to maintain collection of groundwater level measurements. Evaluate management and deployment of the transducers to best meet project requirements.
- Continue to coordinate SMC and Cadet groundwater monitoring events with monitoring at the NuStar site.

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Tables

Table 2-1 - Groundwater Monitoring Schedule - 2016

Well Name	2014				2015				2016				Notes	Sample Schedule Rationale (for 2016)
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
Swan Site Monitoring Wells														
IMW-05	X	X	X	X	X	X	-		X		X		Source area. Declining trend since GPTIA, not sampled Q3 2015	Semi-annual sampling. Additional source area data.
MW-01	X		X		X		IA	IA	IA	IA	IA	IA	Usually NDs, outside of plume.	Inactive monitoring point.
MW-01d	X		X		X		X		X		X		Regular fairly consistent detects. Deep USA well. Possible downward trend.	Semi-annual. Regular detects. Confirmation sampling.
MW-02	X		X		X		-		X		X		Downgradient of source area. Slight downward trend, not sampled Q3 2015	Semi-annual sampling for GPTIA monitoring.
MW-02d	X				X		IA	IA	IA	IA	IA	IA	TGA well. Historically NDs. Previsouly classified as deep USA well.	Inactive monitoring point.
MW-03	D	D	D	D	D	D	D	D	D	D	D	D	Well decommissioned on 9/18/08.	Well decommissioned.
MW-04	X		X		X		IA	IA	IA	IA	IA	IA	Below 1 ppb or ND. Declining trend since GPTIA.	Inactive monitoring point.
MW-04i	X				X				X				Historically NDs. TCE detected 2014 Q1.	Annual sampling. Outside of plume. Confirmation sampling.
MW-04d	X				X		IA	IA	IA	IA	IA	IA	Historically NDs. Deep USA well.	Inactive monitoring point.
MW-05	X	X	X	X	X	X	X		X		X		Source area. Showing GPTIA decline.	Semi-annual sampling for GPTIA monitoring. Source area well.
MW-05i	X		X		X		X		X		X		Historically NDs. Regular detects beginning with GPTIA.	Semi-annual sampling. Source area well. Monitor GPTIA changes.
MW-05d*****	D	D	D	D	D	D	D	D	D	D	D	D	Peaking variable behavior. Well decommissioned in 11/06.	Well decommissioned.
MW-05dR	X		X		X		X		X		X		Replacement well for MW-5d, declining trend, below 20 µg/l TCE.	Semi-annual sampling. Monitor GPTIA changes.
MW-06	X		X		X		-		X		X		Regular fairly consistent detects. Stable, not sampled Q3 2015	Semi-annual sampling. Stable conditions. Monitor GPTIA changes.
MW-07	X		X		X		-		X		X		Regular fairly consistent detects. Stable, not sampled Q3 2015	Semi-annual sampling. Stable conditions. Monitor GPTIA changes.
MW-07i	X		X		X		-		X		-		Regular fairly consistent detects. Declining trend, not sampled Q3 2015	Semi-annual sampling. Declining levels. Monitor GPTIA changes.
MW-08	X		X		X		-		X		X		Regular fairly consistent detects. Stable, not sampled Q3 2015	Semi-annual sampling. Monitor GPTIA changes.
MW-08i	X				X		IA	IA	IA	IA	IA	IA	Historically NDs.	Inactive monitoring point.
MW-09	X		X		X		X		X		X		Downward trend since GPTIA.	Semi-annual sampling. Showing GPTIA change.
MW-10	X		X		X		-		X		X		Regular fairly consistent detects. Stable, not sampled Q3 2015	Semi-annual sampling. Monitor GPTIA changes.
MW-11	X		X		X		IA	IA	IA	IA	IA	IA	PCE detects below 1ppb. Source uncertain - NuStar?	Inactive monitoring point.
MW-12	X				X		IA	IA	IA	IA	IA	IA	Historically NDs	Inactive monitoring point.
MW-12d	X		X		X		X		X		X		Regular fairly consistent detects. Stable below 15ppb. Deep USA well	Semi-annual sampling. Monitor GPTIA changes.
MW-13*	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	Not sampled. Perched gw zone well. NDs.	Inactive monitoring point.
MW-13d	X				X		IA	IA	IA	IA	IA	IA	TGA well. Historically NDs.	Inactive monitoring point.
MW-14d	X		X		X		X		X		X		Regular fairly consistent detects. Stable below 15ppb. Deep USA well	Semi-annual sampling. Regular detects; stable. GPTIA change?.
MW-15	X				X		IA	IA	IA	IA	IA	IA	Historically NDs	Inactive monitoring point.
MW-15i	X		X		X		X		X		X		Historically below 5 ppb. Recently increasing. Inter USA well.	Semi-annual sampling. Showing GPTIA change?
MW-16	X		X		X		X		X		X		Stable since GPTIA.	Semi-annual sampling. GPTIA monitoring.
MW-16d	X				X		IA	IA	IA	IA	IA	IA	Historically NDs. TGA well	Inacitve monitoring point.
MW-17	X				X		IA	IA	IA	IA	IA	IA	Historically NDs	Inactive monitoring point.
MW-17d	X				X		IA	IA	IA	IA	IA	IA	Historically NDs. TGA well	Inactive monitoring point.
MW-18	X				X		IA	IA	IA	IA	IA	IA	NDs for over 8 years.	Inactive monitoring point.
MW-18i	X		X		X		X		X		X		Regular detections. Stable below 10ppb.	Semi-annual sampling. GPTIA monitoring.
MW-19s	X				X		IA	IA	IA	IA	IA	IA	ND for over 6 years. Near GWM-5 well.	Inactive monitoring point.
MW-19i	X		X		X		-		X		X		Regular detections.Declining trend, not sampled Q3 2015	Semi-annual sampling. GPTIA monitoring and GWM influence.
MW-20	X		X		X		-		X		X		Stable. Notable decline since GPTIA, not sampled Q3 2015	Semi-annual sampling. GPTIA monitoring.
MW-21	X		X		X		-		X		X		Stable. Notable decline since GPTIA, not sampled Q3 2015	Semi-annual sampling. GPTIA monitoring.
MW-22**	D	D	D	D	D	D	D	D	D	D	D	D		Well decommissioned.
MW-23	X				X		IA	IA	IA	IA	IA	IA	NDs for over 8 years.	Inactive monitoring point.
MW-24	X				X		IA	IA	IA	IA	IA	IA	Historically NDs.	Inactive monitoring point.
MW-24i	X		X		X		IA	IA	IA	IA	IA	IA	ND since 2011.	Inactive monitoring point.
MW-25	X		X		X		IA	IA	IA	IA	IA	IA	Variable. Historically below 5 ppb. ND in 2012.	Inactive monitoring point.
MW-26i	X		X		X		IA	IA	IA	IA	IA	IA	Variable. ND in 2014. Below 5 ppb.	Inactive monitoring point.
MW-28s	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	One detection. Rest NDs. Outside of plume.	Sampling discontinued 2008. Inactive monitoring point.
MW-28i	X		X		X		X		X				Variable. Declining trend. GPTIA influence?	Semi-annual sampling. Monitor GPTIA changes.
MW-29i	X				X				X				Historically NDs. Recent detections.	Annual sampling. Outside of plume. Confirmation sampling.
MW-30i	X		X		X		X		X				Some variability. GPTIA influence on NT plume.	Semi-annual sampling. Some variabiliy; downgradient of NT source. Monitor GPTIA changes
MW-31i	X		X		X		X		X		X		Variable concentrations over time. GPTIA influence on NT source.	Semi-annual sampling. Some variabiliy; downgradient of NT source. Monitor GPTIA changes

Table 2-1 - Groundwater Monitoring Schedule - 2016

Well Name	2014				2015				2016				Notes	Sample Schedule Rationale (for 2016)
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
MW-32s	X		X		X		IA	IA	IA	IA	IA	IA	Historically NDs. Well screened in silt overbank deposit.	Inactive monitoring point.
MW-32i	X		X		X		X		X		X		Variable concentrations over time. GPTIA influence.	Semi-annual sampling. Downgradient of NT source. Monitor GPTIA changes. Ash Creek (NS site) samples well quarterly.
MW-33s	X		X		X		IA	IA	IA	IA	IA	IA	Historically NDs. Recent detection. Below 5 ppb.	Inactive monitoring point.
MW-33i	X		X		X		X		X		X		Variable concentrations over time. GPTIA influence.	Semi-annual sampling. Some variabiliy; downgradient of NT source. Monitor GPTIA changes.
MW-34i	X		X		X		X		X				Some variability. Declining due to GPTIA?	Annual sampling. Some variabilty; Cross-gradient of NT source. Monitor GPTIA changes
MW-35s	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	Historically NDs. Screened above plume.	Sampling discontinued 2008. Inactive monitoring point.
MW-35i	X		X		X		X		X		X		Some variability. Some decline due to GPTIA?	Semi-annual sampling. Monitor GPTIA change.
MW-36s	X				X		IA	IA	IA	IA	IA	IA	Mostly NDs. Below 5 ppb with exception.	Inactive monitoring point.
MW-36i	X		X		X		X		X				Some variability. Possible decline due to GPTIA.	Annual sampling. Monitor GPTIA changes
MW-37s	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	Historically NDs. Screened above plume.	Sampling discontinued 2008. Inactive monitoring point.
MW-37i	X		X		X		X		X		X		Regular TCE only detections; stable. Another source?	Semi-annual sampling. Regular detections. Stable. TCE only detected. Monitor GPTIA changes.
MW-38i	X		X		X		X		X		X		Regular almost only TCE detections. Same source as MW-37i? Apparent downward TCE trend.	Semi-annual sampling. Monitor GPTIA changes.
MW-39s	D	D	D	D	D	D	D	D	D	D	D	D	Decommissioned February 2011	
MW-E	X		X	X	X		X		X		X		Variable concentrations. Shallow well sreened below silt north of NT site.	Semi-annual sampling. Some variabiliy; downgradient of NT source. Monitor GPTIA and NS interim action changes.
MW-F	X		X		X		IA	IA	IA	IA	IA	IA	No detections since 2012. Above and possibly cross-gradient of NT plume.	Inactive monitoring point.
MW-G	X		X		X		IA	IA	IA	IA	IA	IA	Some variability. No detections in 2014.	Inactive monitoring point.
VMW-08	X	X	-	X	X	X	-		X		X		Source area. Dry during 2015 Q3 event. Variable.	Semi-annual sampling. Additional source area data.
VMW-09	X	X	X	X	X	X	-		X		X		Source area. Dry during 2015 Q3 event. Variable.	Semi-annual sampling. Additional source area data.
VMW-10[1]	X	X	-	X	X	X	-		X		X		Source area. Variable, not sampled Q3 2015	Semi-annual sampling. Additional source area data.
VMW-11[1]	X	X	X	X	X	X	-		X		X		Source area. Variable, not sampled Q3 2015	Semi-annual sampling. Additional source area data.

Cadet Site Monitoring Wells														
CM-MW-01s	X		X		X		X		X		X		Occasional use of peristaltic when WL is low. Noisy data.	Semi-annual sampling. Declining trend since GPTIA. Downgradient of source.
CM-MW-01i	X		X		X		X		X		X		Recent concentration < 10 ug/l. GPTIA decreasing trend. Downgradient of source.	Semi-annual sampling. Monitor GPTIA changes.
CM-MW-01d-040	X		X		X				X				Decreasing to stable concentrations.	Annual sampling. Declining trend since GPTIA.
CM-MW-01d-121	X		X		X		X		X		X		Recent concentration < 20 ug/l. Decreasing trend. Downgradient of source.	Semi-annual sampling. Monitor GPTIA changes.
CM-MW-01d-161	X		X		X		X		X				Fairly stable.	Annual sampling. Monitor GPTIA changes.
CM-MW-01d-194	X		X		X		X		X		X		Fairly stable.	Semi-annual sampling. Check TCE trend. Monitor GPTIA changes.
CM-MW-01d-224	X		X		X		X		X				Fairly stable.	Annual sampling. Fairly stable. Monitor GPTIA changes.
CM-MW-02s	X				X		IA	IA	IA	IA	IA	IA	Has been NDs for several years.	Inactive monitoring point.
CM-MW-02d	X				X		X		X		X		Fairly stable. Possible upward trend.	Semi- annual sampling as of 2015. Deep well. Confirmation sampling.
CM-MW-03s	X		X		X		X		X		X		Concentrations below 5 ug/l.	Semi-annual sampling. Monitoring GPTIA change.
CM-MW-03d-060	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	Showing GPTIA declining trend. Low concentrations. Port since 2009.	Port inoperable. Inactive monitoring point.
CM-MW-03d-100	X		X		X		X		X				Concentrations lower and stable since GPTIA.	Annual sampling. Monitoring GPTIA change.
CM-MW-03d-141	X		X		X		X		X				Possible downward trend. Low concentrations. Deep well.	Annual sampling. Generally stable levels.
CM-MW-03d-181	X		X		X		X		X				Possible downward trend. Low concentrations. Deep well.	Annual sampling. Generally stable levels.
CM-MW-03d-227	X		X		X		X		X		X		Low concentrations. Deep well.	Semi-annual sampling. Generally stable levels.
CM-MW-04s	X		-		X		-		X		X		Need to use peristaltic pump when WL is low. Stable around 5ppb. Dry 2015 Q3.	Semi-annual sampling. Monitor GPTIA changes.
CM-MW-04i	X		X		X		X		X		X		Notable decrease since GPTIA. Below 20 µg/l.	Semi-annual sampling. Monitor GPTIA changes.

Table 2-1 - Groundwater Monitoring Schedule - 2016

Well Name	2014				2015				2016				Notes	Sample Schedule Rationale (for 2016)
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
CM-MW-05s	X		-		X		X		X		X		Need to use of peristaltic pump when WL is low.Showing GPTIA change. Dry 2014 Q3.	Semi-annual sampling. Monitor GPTIA changes.
CM-MW-05i	X		X		X		X		X		X		Fairly stable and low concentrations.	Semi-annual sampling.
CM-MW-05d	X		X		X		X		X		X		Slight variability but generally stable.	Semi-annual. Generally stable conditions.
CM-MW-06s***	X		X		X		X		X		X		Stable below 5ppb.	Semi-annual sampling. Monitor GPTIA changes.
CM-MW-07s	X		X		X		X		X		X		Generally low concentrations. Located near plume boundary.Stable below 2ppb.	Semi-annual sampling.Monitor GPTIA changes.
CM-MW-07i	X		X		X		X		X		X		Stable concentrations.	Semi-annual sampling. Stable. Monitor GPTIA changes.
CM-MW-07d	X				X		IA	IA	IA	IA	IA	IA	Below 1 ppb since 2005. Stable deep well.	Inactive monitoring point.
CM-MW-08s	X		-		X		-		X				Need to use a peristaltic pump when WL is low. Dry 2015 Q3.	Annual sampling. Monitor GPTIA changes.
CM-MW-09s	X				X		IA	IA	IA	IA	IA	IA	Usually NDs.	Inactive monitoring point.
CM-MW-10s	X				X				X				Fairly stable. Below 5 ppb. Near plume boundary.	Annual sampling. Historically <5 ppb. Confirmation sampling.
CM-MW-10d	X				X		IA	IA	IA	IA	IA	IA	Historically NDs. TGA well.	Inactive monitoring point.
CM-MW-15s	X		X		X		X		X				Showing delining trend. < 5 ppb. An intermediate depth well. Cross-gradient location. ND in 2014 Q3.	Annual sampling. Monitor GPTIA changes.
CM-MW-16s****	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	Iron fouling. Well eliminated from sample list. NDs.	Inactive monitoring point.
CM-MW-17i	X		X		X		X		X				Well located beneath Cadet facility. Recent < 5 ppb. Showing GPTIA influence.	Annual sampling. Monitor GPTIA changes.
CM-MW-18s	X		X		X		IA	IA	IA	IA	IA	IA	ND since 2012.	Inactive monitoring point.
CM-MW-18i	X		X		X		X		X		X		Low concentrations < 10 ppb. Variable. Located outer area of plume. PCE ND.	Semi-annual sampling. Edge of plume location. Variable and low concentraitons.
CM-MW-18d	X		X		X		X		X		X		Stable with slight variability. Possible downward trend.	Semi-annual sampling. Stable, northern lobe deep well.
CM-MW-19s	X		X		X		X		X				Historically ND. Recent detections in 2013 and 2014.	Annual sampling.
CM-MW-19i	X		X		X		X		X		X		Low concentrations < 5 ppb. Showing GPTIA influence? Increasing trend prior to GPTIA.	Semi-annual sampling. Some variability.
CM-MW-19d	X		X		X		X		X		X		Deep zone well. Stable with slight variability. Concentrations < 15 ppb. Possible downward trend.	Semi-annual sampling. Stable, northern lobe deep well.
CM-MW-20s	X		X		X		-		X		X		Need to use a peristaltic pump when WL is low. Located between Cadet site and GPTIA. Showing declining concentration. Dry 2015 Q3.	Semi-annual sampling. Monitor GPTIA changes
CM-MW-20i	X		X		X		X		X		X		Intermediate well located between Cadet source and GPTIA. Declininsgince GPTIA.	Semi-annual sampling. Monitor GPTIA changes.
CM-MW-21s	X				X		IA	IA	IA	IA	IA	IA	Usually NDs. Outside of plume.	Inactive monitoring point.
CM-MW-21i	X				X		IA	IA	IA	IA	IA	IA	Generally NDs. Well inaccessible in 2013. PCE detected in 2014 Q1.	Inactive monitoring point.
CM-MW-22s	X		X		X		X		X				Well located near Cadet source area. Intermediate zone well. Showing declining trend.	Annual sampling. Monitor GPTIA changes.
CM-MW-23s	X		X		X		X		X		X		Has been showing possible decreasing trend.	Semi-annual sampling. Monitor GPTIA changes
CM-MW-23i	X		X		X		X		X		X		Slight decreasing trend. Higher concentration zone.	Semi-annual sampling. Monitor GPTIA change.
CM-MW-24s	X		X		X		X		X				Decreasing trend < 5 ppb. Recent NDs.	Annual sampling. Monitor GPTIA change.
CM-MW-24i	X		X		X		X		X		X		Decreasing trend. Recently above 5 ppb.	Semi-annual sampling.
CM-MW-25s	X		X		X		X		X		X		Declining trend sicne GPTIA.	Semi-annual sampling. Monitor GPTIA changes.
CM-MW-26s	X		X		X		X		X				Decline since GPTIA.	Annual sampling. Monitor GPTIA changes.
CM-MW-27TGA	X				X		IA	IA	IA	IA	IA	IA	Usually NDs. TGA.	Inactive monitoring point.
CM-MW-27USA-049.5	X		X		X		X		X		X		Variable since GPTIA. ND 2014 Q3.	Semi-annual sampling. Monitor GPTIA changes
CM-MW-27USA-090	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	Port has never worked per 2005 Cadet RI Report.	Inactive monitoring point.
CM-MW-27USA-127	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	Port has never worked per 2005 Cadet RI Report.	Inactive monitoring point.
CM-MW-28TGA	X				X		IA	IA	IA	IA	IA	IA	Historically NDs.	Inactive monitoring point.
CM-MW-28USA-050	X		X		X		X		X				Inermediate depth zone well. Generally below 5 ppb. Stable since GPTIA.	Annual sampling. Northern plume monitoring point.
CM-MW-28USA-120.5	X		X		X		X		X		X		Some variability. Appears declining since GPTIA.	Semi-annual sampling. Northern plume monitoring point.
CM-MW-28USA-180	X		X		X		X		X		X		Stable, remains below 5 ppb.	Semi-annual sampling. Northern plume monitoring point.
CM-MW-29TGA	X		X		X				X				Regular detections. Fairly stable. Only TGA well with regular detections. Declining trend.	Annual sampling.
CM-MW-29USA-060.5	X		X		X		X		X				Showing some variability. Decreasing trend, GPTIA influence? <5 ppb.	Annual sampling. Monitor GPTIA changes.
CM-MW-29USA-100	X		X		X		X		X				Showing some variability. Decreasing trend, GPTIA influence? <5 ppb.	Annual sampling. Monitor GPTIA changes.

Table 2-1 - Groundwater Monitoring Schedule - 2016

Well Name	2014				2015				2016				Notes	Sample Schedule Rationale (for 2016)
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
CM-MW-29USA-140.5	X		X		X		X		X		X		Showing some variability. Decreasing trend, GPTIA influence? <5 ppb.	Semi-annual sampling. Monitor GPTIA changes.
CM-VE-09	X		X		X		X		X		X		Variable below 10ppb. Cadet source area location.	Semi-annual sampling. Monitor GPTIA changes.
CM-VE-10	X		X		X		X		X				Variable below 10ppb. Cadet source area location.	Annual sampling. Monitor GPTIA changes.
CM-VE-11	X		X		X		X		X		X		Variable below 10ppb. Cadet source area location.	Semi-annual sampling. Monitor GPTIA changes.
CM-VE-12	X		X		X		X		X				Variable below 10ppb. Cadet source area location.	Annual sampling. Monitor GPTIA changes.
CM-DPW-01	X		X		X		X		X		X		Decline since GPTIA. Cadet source area location.	Semi-annual sampling. Monitor GPTIA changes.
CM-DPW-06	X		X		X		X		X		X		Decline since GPTIA. Cadet source area location.	Semi-annual sampling. Monitor GPTIA changes.
CM-DPW-10	X		X		X		X		X				Decline since GPTIA. Cadet source area location.	Annual sampling. Monitor GPTIA changes.
CM-DPW-16	X		X		X		X		X				Decline since GPTIA. Cadet source area location.	Annual sampling. Monitor GPTIA changes.
CM-MW-Ui	X				X				X				Well installed by Cadet for legal purpose. TCE detected below 10ppb. Detecting same TCE source as MW-37i and -38i.	Annual sampling. Off-site monitoring point for POV wellfield. VOCs at well not from SMC/Cadet.

Notes:
Green highlighted cells - Represent future sampling events
Elevations denoted "MSL" are in the vertical datum NGVD 29

X = groundwater quality sample (VOCs) collected or will be collected
- = location was scheduled to be sampled but a sample was not collected during event. See sample location notes for details.
D = Well has been decommissioned.
IA = Inactive well. Well is not an active monitoring location.
Samping Periods for Each Quarter: Q1 - 1st quarter (Jan. - Mar.); Q2 - 2nd quarter (Apr. - Jun.); Q3 - 3rd quarter (Jul. - Sept.); Q4 - 4th quarter (Oct. - Dec.)
Sampling Method: Low flow method using dedicated bladder pumps or dedicated dual valve pumps (DVP) equipped with bladders. Select wells sampled using peristaltic pump.
Elevations based on NGVD.
NM indicates that elevation at the well has not been established. Estimated elevations have been applied as indicated by "est".
na = not applicable. This is a multiport well that does not use a screen interval, just a sample port.
* - MW-13 is not currently sampled because it is screened in a perched water zone
** - MW-22 was abandoned in June 2002
*** - CM-MW-06 was originally completed on 6/12/00 to a depth of 26.5 ft bgs. It was subsequently deepened on 2/21/01 to a total depth of 34.5 ft bgs.
**** - CM-MW-16s dropped from sampling due to NDs and close proximity to MW-15s.
***** - MW-05d was decommissioned in November 2006 and replaced with MW-05dR.
1- Top of Casing elevations for VMW-10 and VMW-11 are approximations taken from nearby wells.

Table 2-2 - Well Completion Summary - Groundwater Monitoring Wells

Well ID	Date of Well Installation	Ground Elevation (ft NGVD)	Borehole Depth (ft bgs)	Well Depth (ft bgs)	Casing Diameter (in)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Top of Casing Elevation (ft NGVD)	Northing (ft)	Easting (ft)	Water Quality Zone
SMC Groundwater Wells											
IMW-5	12/12/01	31.06	30	30	2	20	30	30.84	119592.26	1078965.18	shallow
MW-01	01/30/98	26.46	25	25	2	15	25	26.37	119596.05	1078681.11	shallow
MW-01d	04/02/98	26.42	227	221	2	211	220.7	26.41	119586.24	1078679.52	deep
MW-02	01/29/98	30.37	30	30	2	20	30	30.09	119499.20	1079177.88	shallow
MW-02d	12/03/98	30.65	223	217	2	207	216.7	30.19	119490.00	1079172.00	deep
MW-03****	01/29/98	27.19	27	23	2	13	23	26.64	119440.76	1078945.99	shallow
MW-04	01/29/98	27.06	25	25	2	15	25	26.57	119230.87	1079009.27	shallow
MW-04i***	04/09/99	28.72	140	100	2	90	99.7	28.48	118891.70	1079059.70	intermediate
MW-04d	01/14/99	26.97	240	232.3	2	222	232	26.66	119076.00	1079049.00	deep
MW-05††	10/10/00	28.44	30.5	30	2	20	30	28.74	119584.85	1078925.63	shallow
MW-05i	01/22/99	28.05	101	100	2	90	99.7	28.11	119578.80	1078939.21	intermediate
MW-05d****	05/20/98	28.34	234	227.6	2	217.3	227.3	27.97	119572.00	1078929.00	deep
MW-05dR†	11/30/06	28.44	240	227.5	4	216	226	28.49	119565.00	1078948.42	deep
MW-06	07/13/98	29.58	31.5	29	2	19	29	29.29	119255.42	1079212.22	shallow
MW-07	07/13/98	31.24	31.5	30	2	20	30	30.84	119424.64	1079484.07	shallow
MW-07i	08/09/00	32.81	180	90	2	80	90	32.50	119388.17	1079448.70	intermediate
MW-08	07/13/98	31.65	31.5	30	2	20	30	31.38	119642.60	1079434.51	shallow
MW-08i	02/25/99	31.65	140	130	2	120	129.7	31.42	119648.00	1079444.00	deep
MW-09	07/14/98	33.60	32	32	2	22	32	33.32	119667.75	1079889.61	shallow
MW-10	07/14/98	33.11	31.5	31.5	2	21	31	32.84	119148.22	1079694.51	shallow
MW-11	04/12/99	25.41	27	26	2	16	26	24.96	119259.00	1078694.00	shallow
MW-12	10/06/00	32.32	31.5	31	2	21	31	32.07	119835.92	1078262.84	shallow
MW-12d	03/25/99	32.58	224	216.3	2	206	216	32.32	119825.86	1078272.05	deep
MW-13	10/10/00	33.19	30	29	2	19	29	35.42	120182.57	1077319.61	shallow
MW-13d	01/20/00	33.19	268	262	2	252	261.7	35.52	120173.07	1077318.21	deep
MW-14d	03/27/00	26.51	226	221	2	211	220.7	26.37	119128.10	1078405.40	deep
MW-15	10/10/00	31.08	33	33	2	23	33	30.68	117072.04	1079498.19	shallow
MW-15i	05/31/00	31.28	220	139	2	129	139	30.89	117074.69	1079490.77	TGA
MW-16	10/09/00	35.33	36	36	2	26	36	37.21	119171.17	1080005.68	shallow
MW-16d	05/01/00	35.33	240	230	2	220	229.7	36.40	119161.85	1080004.35	TGA
MW-17	10/11/00	29.57	31	31	2	21	31	29.34	118248.30	1079807.04	shallow
MW-17d	02/18/00	29.84	205	195	2	185	195	29.56	118238.03	1079808.99	TGA
MW-18	11/03/00	32.03	39	38	2	28	38	31.65	117101.54	1080373.33	shallow
MW-18i	06/30/00	32.06	180	130	2	120	130	31.84	117096.77	1080382.43	intermediate
MW-19s	10/06/04	33.55	34	33	2	23	33	33.26	116599.17	1079945.49	shallow
MW-19i	08/31/00	34.37	191	130	2	120	130	34.10	116549.83	1079957.77	intermediate
MW-20	10/13/00	56.36	57.5	57.5	2	47	57	56.04	119620.69	1080541.28	shallow
MW-21	10/16/00	40.33	42	42	2	32	42	39.87	118919.77	1080513.18	shallow
MW-22****	10/13/00	35.38	21.5	16	2	6	16	35.08	118234.81	1080450.10	shallow
MW-23	10/18/00	46.38	45	45	2	35	45	45.85	117371.59	1080888.89	shallow
MW-24	10/17/00	60.74	62	62	2	52	62	60.47	119436.64	1081748.82	shallow
MW-24i	04/25/01	61.14	165	123	2	113	123	60.59	119428.20	1081744.89	intermediate
MW-25	10/17/00	80.27	85	85	2	75	85	79.91	117917.25	1081715.67	shallow
MW-26i	05/18/01	82.35	181	113	2	103	113	82.09	118143.23	1082098.01	intermediate
MW-28s	10/05/04	29.21	30	29	2	19	29	29.08	117927.36	1079806.47	shallow
MW-28i	04/06/01	31.11	130	85	2	75	85	30.90	117831.28	1079674.86	intermediate
MW-29i	03/16/01	31.32	130	125	2	115	125	30.79	117363.99	1078364.02	intermediate
MW-30i	03/03/03	29.82	187	85.5	2	75	85.5	29.66	118607.30	1077713.80	intermediate
MW-31i	02/04/03	31.65	167	85.5	2	75	85.5	31.20	119133.40	1077245.30	intermediate
MW-32s	10/07/04	34.49	34.5	33	2	23	33	34.23	118880.79	1076872.08	shallow
MW-32i	07/23/04	34.49	141.5	70	2	60	70	34.28	118876.04	1076874.99	intermediate
MW-33s	10/04/04	31.81	35	31	2	21	31	31.57	119262.97	1077875.35	shallow
MW-33i	08/10/04	31.58	177	85.5	2	75	85	31.35	119263.65	1077870.27	intermediate
MW-34i	10/14/04	32.73	181	105.5	2	95	105	35.16	118284.68	1078512.00	intermediate
MW-35s	10/04/04	34.61	33	32.5	2	22.5	32.5	34.31	117240.30	1080198.71	shallow
MW-35i	10/14/04	34.60	182	122.5	2	112	122	34.35	117243.47	1080161.16	intermediate
MW-36s	10/05/04	35.05	35.5	34	2	24	34	34.64	118220.48	1080185.64	shallow
MW-36i	09/28/04	35.11	163	105	2	95	105	34.89	118216.29	1080185.57	intermediate
MW-37s	10/06/04	34.90	35	34	2	24	34	34.79	116677.79	1080852.41	shallow
MW-37i	09/09/04	34.69	182	125	2	115	125	34.64	116675.25	1080849.76	intermediate
MW-38i	11/12/04	44.47	210	155.5	2	145	155	44.05	117482.74	1080862.92	intermediate
MW-39s****	10/07/04	33.37	34	33	2	23	33	33.26	116629.82	1079205.82	shallow
MW-E^	10/05/94	30.80	35	34.1	2	23.7	33.7	30.66	119152.27	1077281.70	shallow
MW-F^	10/04/94	34.16	37	37.3	2	26.9	36.9	33.61	118394.19	1077369.78	shallow
MW-G^	10/04/94	32.15	37	37.7	2	27.3	37.3	31.73	118582.49	1077528.75	shallow
VMW-8	12/05/01	28.55	25	25	2	15	25	28.59	119540.64	1078968.09	shallow
VMW-9	04/25/02	28.50	26	26	2	16	26	28.67	119557.99	1078955.85	shallow
VMW-10	04/26/02	31.33	28	28	2	18	28	31.06	119553.34	1078980.45	shallow
VMW-11	04/26/02	30.36	28	28	2	18	28	30.06	119533.68	1079013.00	shallow

Table 2-2 - Well Completion Summary - Groundwater Monitoring Wells

Well ID	Date of Well Installation	Ground Elevation (ft NGVD)	Borehole Depth (ft bgs)	Well Depth (ft bgs)	Casing Diameter (in)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Top of Casing Elevation (ft NGVD)	Northing (ft)	Easting (ft)	Water Quality Zone
Cadet Groundwater Wells											
CM-DPW-01	08/17/00	NM	28.4	28.4	3/4	8	28	23.52	120271.18	1078504.45	shallow
CM-DPW-06	08/17/00	NM	28.4	28.4	3/4	18	28	22.96	120268.71	1078538.53	shallow
CM-DPW-10	08/17/00	NM	28.4	28.4	3/4	18	28	22.97	120304.01	1078525.16	shallow
CM-DPW-16	04/22/02	26.24	28	28	3/4	17.5	27.5	25.94	120277.00	1078558.12	shallow
CM-MW-01s*	10/15/99	23.72	25	25	2	15	25	23.54	120088.21	1078504.59	shallow
CM-MW-01i*	10/14/99	23.73	94	91	2	81	91	23.50	120156.04	1078476.18	intermediate
CM-MW-01d-040	05/01/01	NM	228	226	2	39.75	40.25	NM	120197.05	1078491.52	shallow
CM-MW-01d-121	05/01/01	NM	228	226	2	120.25	120.75	NM	120197.05	1078491.52	intermediate
CM-MW-01d-161	05/01/01	NM	228	226	2	160.75	161.25	NM	120197.05	1078491.52	deep
CM-MW-01d-194	05/01/01	NM	228	226	2	193.25	193.75	NM	120197.05	1078491.52	deep
CM-MW-01d-224	05/01/01	NM	228	226	2	223.75	224.25	NM	120197.05	1078491.52	deep
CM-MW-02s*	10/16/99	20.15	22	20	2	10	20	20.03	120502.29	1078283.01	shallow
CM-MW-02d*	11/15/00	NM	230.7	230.7	2	220	230	27.09	120809.96	1078388.15	deep
CM-MW-03s*	10/16/99	23.27	25	25	2	15	25	23.07	120334.37	1078549.52	shallow
CM-MW-03d-060	09/06/02	NM	227.8	227.8	2	59.2	59.7	NM	120462.66	1078561.61	intermediate
CM-MW-03d-100	09/06/02	NM	227.8	227.8	2	99.7	100.2	NM	120462.66	1078561.61	intermediate
CM-MW-03d-141	09/06/02	NM	227.8	227.8	2	140.2	140.7	NM	120462.66	1078561.61	deep
CM-MW-03d-181	09/06/02	NM	227.8	227.8	2	180.7	181.2	NM	120462.66	1078561.61	deep
CM-MW-03d-227	09/06/02	NM	227.8	227.8	2	226.2	226.7	NM	120462.66	1078561.61	deep
CM-MW-04s*	10/15/99	30.19	30	30	2	15	30	29.94	119943.34	1079331.83	shallow
CM-MW-04i*	06/14/00	30.37	97	95	2	85	95	29.95	119933.02	1079352.79	intermediate
CM-MW-05s*	11/12/99	26.92	26	25	2	15	25	26.70	120183.78	1078713.06	shallow
CM-MW-05i*	11/15/99	26.97	95	95	2	85	95	26.68	120169.81	1078710.82	intermediate
CM-MW-05d*	07/11/00	27.11	221	217	2	206.5	216.5	26.75	120065.10	1078700.95	deep
CM-MW-06s** *	6/12/00, 2/21/2001	NM	34.5	34.5	2	19	34	30.46	120249.03	1079434.19	shallow
CM-MW-07s*	06/14/00	42.04	45	44.5	2	24	44	42.02	120073.84	1080087.69	shallow
CM-MW-07i	07/22/02	42.75	109	109	2	99	109	42.47	120068.96	1080120.54	intermediate
CM-MW-07d	08/21/02	43.59	245	225	2	215	225	43.32	120104.21	1080125.99	deep
CM-MW-08s*	06/12/00	26.71	26.5	24.5	2	14	24	26.55	120590.48	1078805.24	shallow
CM-MW-09s*	06/15/00	23.72	23	23	2	7.5	22.5	25.92	120220.25	1078080.42	shallow
CM-MW-10s*	11/07/00	NM	60	59	2	49	59	51.21	121017.53	1080749.32	shallow
CM-MW-10d***	11/27/00	NM	230.9	230	2	220	230	51.40	121018.00	1080772.10	TGA
CM-MW-11	02/28/02	NM	30	29	2	23.5	28.5	NM	120146.59	1078252.98	shallow
CM-MW-12	02/28/02	NM	30	29.5	2	24	29	NM	120132.24	1078253.94	shallow
CM-MW-13	02/28/02	NM	55	54	2	48.5	53.5	NM	120136.28	1078245.79	shallow
CM-MW-14	02/28/02	NM	55	54.5	2	49	54	NM	120154.83	1078255.48	shallow
CM-MW-15s*	02/27/02	22.31	56.5	55	2	49.5	54.5	21.97	120125.49	1078251.48	intermediate
CM-MW-16s*	03/01/02	21.53	30	28.5	2	23	28	21.31	120131.34	1078232.27	shallow
CM-MW-17i	07/13/02	NM	95	95	2	85	95	NM	120202.27	1078430.00	intermediate
CM-MW-18s	07/16/02	25.09	30	29.5	2	14	29	24.98	121791.30	1078509.37	shallow
CM-MW-18i	07/17/02	25.13	100	98	2	88	98	24.77	121801.31	1078511.64	intermediate
CM-MW-18d***	08/23/02	25.12	202.7	198.5	2	188.5	198	24.65	121776.03	1078504.12	deep
CM-MW-19s	07/15/02	31.55	37.5	34.5	2	19	34	31.35	121187.31	1079212.25	shallow
CM-MW-19i	07/16/02	31.65	100	94	2	84	94	31.39	121204.54	1079210.17	intermediate
CM-MW-19d***	08/29/02	33.85	183	178.5	2	168	178	33.69	121366.20	1079207.56	deep
CM-MW-20s	07/19/02	33.71	35	35	2	20	35	33.42	119790.37	1078908.25	shallow
CM-MW-20i	07/19/02	33.56	100	99.5	2	89	99	33.28	119784.49	1078906.50	intermediate
CM-MW-21s	07/22/02	55.67	64	64	2	49	64	57.98	120178.96	1081311.86	shallow
CM-MW-21i	07/23/02	55.46	125	120.5	2	110	120	57.47	120172.65	1081307.09	intermediate
CM-MW-22s	06/10/03	23.82	42.5	40.5	2	35	40	23.54	120205.07	1078483.52	intermediate
CM-MW-23s	11/07/03	34.21	40	37	2	22	37	34.06	120791.58	1079506.53	shallow
CM-MW-23i	11/18/03	33.77	105	102	2	92	102	33.65	120748.84	1079503.45	intermediate
CM-MW-24s	11/07/03	24.89	40	35	2	20	35	24.79	121102.68	1078628.59	shallow
CM-MW-24i	11/17/03	25.36	100	98.5	2	88	98	25.27	121096.44	1078690.06	intermediate
CM-MW-25s	01/21/04	28.82	30	30	2	15	30	28.62	120248.56	1079188.25	shallow
CM-MW-26s	04/29/04	26.61	30.5	30	2	15	30	26.40	120286.00	1078793.02	shallow
CM-MW-27TGA	08/23/04	NM	240	170	2	159.5	169.5	44.93	121971.68	1079624.35	TGA
CM-MW-27USA-049.5	09/13/04	NM	129	129	2	49	49.5	NM	121970.78	1079631.90	shallow
CM-MW-28TGA	09/29/04	NM	215	210.5	2	200	210	33.45	122187.94	1078911.46	TGA
CM-MW-28USA-050	10/05/04	NM	180	180	2	49.5	50	NM	122184.17	1078915.81	intermediate
CM-MW-28USA-120.5	10/05/04	NM	180	180	2	120	120.5	NM	122184.17	1078915.81	intermediate
CM-MW-28USA-180	10/05/04	NM	180	180	2	179.5	180	NM	122184.17	1078915.81	deep
CM-MW-29TGA	10/06/04	NM	164	160	2	150	160	46.40	121039.52	1079979.98	TGA
CM-MW-29USA-060.5	10/13/04	NM	140.5	140.5	2	60	60.5	NM	121038.70	1079985.82	intermediate
CM-MW-29USA-100	10/13/04	NM	140.5	140.5	2	99.5	100	NM	121038.70	1079985.82	intermediate
CM-MW-29USA-140.5	10/13/04	NM	140.5	140.5	2	140	140.5	NM	121038.70	1079985.82	intermediate
CM-VE-09	03/02/02	NM	30	30	2	5	30	NM	120376.4	1078443.9	shallow
CM-VE-10	03/02/02	NM	30	30	2	5	30	NM	120302.3	1078422.1	shallow
CM-VE-11	03/01/02	NM	30	30	2	5	30	NM	120219.2	1078410	shallow
CM-VE-12	03/01/02	NM	30	30	2	5	30	NM	120226.1	1078441.6	shallow
CM-MW-Us	06/16/05	NM	56	55	2	39.5	54.5	NM	NM	NM	shallow
CM-MW-Ui	06/15/05	NM	132	130	2	110	129.5	NM	NM	NM	intermediate

NGVD - National Geodetic Vertical Datum

ft bgs - feet below ground surface; in - inches

NM - not measured

* - The top-of-casing elevations were resurveyed on 3/27/02 and 11/18/02 (CM-MW-15s & CM-MW-16s only) to new well caps associated with dedicated pumps.

** - CM-MW-06 was originally completed on 6/12/00 to a depth of 26.5 ft bgs. It was subsequently deepened on 2/21/01 to a total depth of 34.5 ft bgs.

5/19/03.

**** - MW-22 was decommissioned in June 2002; MW-05d was decommissioned in November 2006; MW-03 was decommissioned in September 2008; MW-39s was decommissioned in February 2011.

† - MW-05dR was intalled to replace MW-05d. Above ground monument was removed, top of casing was lowered to just below ground surface, and a flush-mount monument was installed.

†† - MW-05 above-ground monument was removed, top of casing was lowered to just below ground surface, and a flush-mount monument was installed.

^ - Flush mount monitoring wells were raised and extentions added to monitoring wells. No updated survey information has been collected.

-- = construction details not available

Table 4-1 - Summary of Groundwater Analytical Results - 2015 (ug/L)

Well Name	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	Benzene	Bromo-dichloro-methane	Chloro-form	cis-1,2-Dichloro-ethene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene
Shallow USA Zone Monitoring Wells																
CM-DPW-01	DP	18	2015Q1	03/07/15	11:11	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.9	0.5 U	0.5 U	7.54
CM-DPW-01	D	18	2015Q1	03/07/15	11:11	0.51	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.82	0.5 U	0.5 U	7.74
CM-DPW-01		18	2015Q3	09/10/15	18:11	0.94	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	2.47	0.5 U	0.5 U	13.28
CM-DPW-06		23	2015Q1	03/07/15	10:17	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.92	0.5 U	0.5 U	2.32
CM-DPW-06		23	2015Q3	09/25/15	10:35	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.05	0.5 U	0.5 U	5.07
CM-DPW-10		23	2015Q1	03/07/15	10:43	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.72	0.5 U	0.5 U	1.72
CM-DPW-10		23	2015Q3	09/10/15	17:36	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.78	0.5 U	0.5 U	2.27
CM-DPW-16		22.5	2015Q1	03/07/15	9:49	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.92
CM-DPW-16		22.5	2015Q3	09/25/15	11:05	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.54	0.5 U	0.5 U	1.3
CM-MW-01d		40	2015Q1	03/07/15	13:27	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	3.12	0.5 U	0.5 U	3.25
CM-MW-01d		40	2015Q3	09/04/15	15:10	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	2.17	0.5 U	0.5 U	2.73
CM-MW-01s		20	2015Q1	03/07/15	11:57	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U	2.4
CM-MW-01s		20	2015Q3	09/04/15	18:01	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.09	0.5 U	0.5 U	3.14
CM-MW-02s		15	2015Q1	03/19/15	11:05	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-03s		20	2015Q1	03/06/15	15:20	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.9	0.5 U	0.5 U	2.14
CM-MW-03s		20	2015Q3	09/04/15	14:31	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.92	0.5 U	0.5 U	2.8
CM-MW-04s		22.5	2015Q1	03/11/15	9:24	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	2.58	0.5 U	0.5 U	3.6
CM-MW-05s		20	2015Q1	03/11/15	11:33	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	2.1	0.5 U	0.5 U	1.5
CM-MW-05s		20	2015Q3	09/03/15	13:02	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.73	0.5 U	0.5 U	1.54
CM-MW-06s		26.5	2015Q1	03/17/15	15:08	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	2.38	0.5 U	0.5 U	3.04
CM-MW-06s		26.5	2015Q3	09/23/15	9:45	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.77	0.5 U	0.5 U	2.55
CM-MW-07s		34	2015Q1	03/10/15	14:31	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.69	0.5 U	0.5 U	0.98
CM-MW-07s		34	2015Q3	09/23/15	15:08	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.67	0.5 U	0.5 U	1.08
CM-MW-08s	DP	19	2015Q1	03/19/15	12:11	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-08s	D	19	2015Q1	03/19/15	12:11	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s		15	2015Q1	03/19/15	11:38	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10s		54	2015Q1	03/10/15	12:49	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.68	0.5 U	0.5 U	0.5 U
CM-MW-18s		21.5	2015Q1	03/09/15	15:13	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-19s		26.5	2015Q1	03/18/15	15:50	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	2.92	0.5 U	0.5 U	0.5 U	0.5 U	0.6
CM-MW-19s		26.5	2015Q3	09/02/15	16:31	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1.99	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-20s		27.5	2015Q1	03/20/15	14:46	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.02	0.5 U	0.5 U	0.92
CM-MW-21s		56.5	2015Q1	03/17/15	11:06	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-23s		34	2015Q1	03/19/15	13:33	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.62	0.5 U	0.5 U	2.28
CM-MW-23s		34	2015Q3	09/09/15	9:23	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.33	0.5 U	0.5 U	1.65
CM-MW-24s		25	2015Q1	03/09/15	16:00	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-24s		25	2015Q3	09/02/15	15:04	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-25s		21	2015Q1	03/17/15	15:44	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.73	0.5 U	0.5 U	2.29
CM-MW-25s		21	2015Q3	09/23/15	10:30	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.68	0.5 U	0.5 U	2.38
CM-MW-26s		24	2015Q1	03/17/15	16:40	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	0.74
CM-MW-26s		24	2015Q3	09/03/15	13:50	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.75
CM-MW-27USA		49.5	2015Q1	03/18/15	12:10	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.89
CM-MW-27USA		49.5	2015Q3	09/22/15	15:15	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.52
CM-VE-09		17.5	2015Q1	03/06/15	12:02	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.07	0.5 U	0.5 U	2.87
CM-VE-09		17.5	2015Q3	09/04/15	11:29	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.98	0.5 U	0.5 U	3.42
CM-VE-10		17.5	2015Q1	03/06/15	11:30	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.79	0.5 U	0.5 U	2.25
CM-VE-10		17.5	2015Q3	09/04/15	11:00	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.84	0.5 U	0.5 U	3.27
CM-VE-11		17.5	2015Q1	03/06/15	10:12	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.95	0.5 U	0.5 U	3.16
CM-VE-11		17.5	2015Q3	09/04/15	9:19	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.02	0.5 U	0.5 U	4.56
CM-VE-12		17.5	2015Q1	03/06/15	14:53	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.84	0.5 U	0.5 U	2.1
CM-VE-12		17.5	2015Q3	09/04/15	10:29	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.3	0.5 U	0.5 U	6.04
IMW-05		25	2015Q1	03/04/15	14:48	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	9.16	0.5 U	0.5 U	49.53
IMW-05		25	2015Q2	06/30/15	12:17	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.91	0.5 U	0.5 U	11.32
MW-01		20	2015Q1	03/04/15	16:40	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02		25	2015Q1	03/12/15	14:07	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.66	0.5 U	0.5 U	9.35
MW-04		20	2015Q1	03/05/15	10:38	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05		25	2015Q1	03/04/15	10:10	10 U	10 U	10 U	5 U	10 U	10 U	11.4	144.8	10 U	10 U	2420.6
MW-05	DP	25	2015Q2	06/30/15	14:28	10 U	10 U	10 U	5 U	10 U	10 U	18.8	121.2	10 U	10 U	2607.4
MW-05	D	25	2015Q2	06/30/15	14:28	10 U	10 U	10 U	5 U	10 U	10 U	19.6	122.2	10 U	10 U	2694.2
MW-05		25	2015Q3	09/09/15	12:11	50 U	50 U	50 U	25 U	50 U	50 U	50 U	112	50 U	50 U	2060
MW-06	DP	24	2015Q1	03/12/15	12:26	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U	2.41
MW-06	D	24	2015Q1	03/12/15	12:26	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U	2.47
MW-07		25	2015Q1	03/01/15	11:21	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.31	0.5 U	0.5 U	4.98
MW-08		25	2015Q1	03/01/15	10:50	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.06	0.5 U	0.5 U	1.93
MW-09		27	2015Q1	03/12/15	11:27	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.76	0.5 U	0.5 U	1.06
MW-09		27	2015Q3	09/03/15	15:17	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.59 J	0.5 U	1	0.5 U	0.5 U	1.22
MW-10		26	2015Q1	03/17/15	12:20	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.93	0.5 U	0.5 U	1.8
MW-11		21	2015Q1	03/05/15	10:05	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12		26	2015Q1	03/02/15	11:34	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15		28	2015Q1	03/01/15	12:36	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16		31	2015Q1	03/12/15	10:11	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.22	0.5 U	0.5 U	2.63
MW-16		31	2015Q3	09/03/15	14:30	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.29	0.5 U	0.5 U	3.58
MW-17		26	2015Q1	03/02/15	12:54	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18		33	2015Q1	03/03/15	15:46	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-19s		28	2015Q1	03/16/15	14:35	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-20		52	2015Q1	03/16/15	15:43	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.67 J	0.5 U	0.88	0.5 U	0.5 U	1.17
MW-21		37	2015Q1	03/16/15	16:24	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.26	0.5 U	0.5 U	1.31
MW-23		40	2015Q1	03/16/15	12:55	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24		57	2015Q1	03/05/15	14:34	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25		80	2015Q1	03/05/15	15:44	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s		28	2015Q1	03/02/15	14:30	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s		26	2015Q1	03/02/15	10:32	0.5 U	0.5 U	0.5 U	0.25 U	1.44	3.86	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s		29	2015Q1	03/17/15	13:15	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-E		29	2015Q1	03/02/15	16:50	0.5 U	1.13	0.59	0.25 U	0.5 U	0.5 U	20.53	16.26	0.5 U	0.5 U	25
MW-E		29	2015Q3	09/03/15	11:55	0.5 U	1.14	0.52	0.25 U	0.5 U	0.5 U	32.67	10.06	0.5 U	0.5 U	20.53
MW-F		32	2015Q1	03/03/15	14:55	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-G		32	2015Q1	03/03/15	14:15	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.88	0.5 U	0.5 U	0.5 U	0.5 U
VMW-08		20	2015Q1	03/04/15	12:24	2.5 U	2.5 U	2.5 U	1.25 U	2.5 U	2.5 U	2.95	49.35	2.5 U	2.5 U	913.5
VMW-08		20	2015Q2	06/30/15	13:23	5 U	5 U	5 U	2.5 U	5 U	5 U	5 U	49.2	5 U	5 U	1173
VMW-09		21	2015Q1	03/04/15	11:55	5 U	5 U	5 U	2.5 U	5 U	5 U	7	85.1	5 U	5 U	1598.9
VMW-09		21	2015Q2	06/30/15	13:56	5 U	5 U	5 U	2.5 U	5 U	5 U	5 U	32.7	5 U	5 U	785.1
VMW-10		23	2015Q1	03/04/15	14:12	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	16.98	0.5 U	0.5 U	210.7
VMW-10		23	2015Q2	06/30/15	11:46	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	6.56	1 U	1 U	119.78
VMW-11		23	2015Q1	03/04/15	13:30	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	3.04	0.5 U	0.5 U	50.67
VMW-11		23	2015Q2	06/30/15	11:18	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	2.82	0.5 U	0.5 U	67.87
Intermediate USA Zone Monitoring Wells																

Table 4-1 - Summary of Groundwater Analytical Results - 2015 (ug/L)

Well Name	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	Benzene	Bromo-dichloro-methane	Chloro-form	cis-1,2-Dichloro-ethene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene
CM-MW-01d		121	2015Q1	03/07/15	13:54	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	3.85	0.5 U	0.5 U	2.82
CM-MW-01d		121	2015Q3	09/04/15	15:38	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.51	2.75	0.5 U	0.5 U	2.37
CM-MW-01i		86	2015Q1	03/07/15	12:26	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.1	1.12	0.5 U	0.5 U	1.7
CM-MW-01i		86	2015Q3	09/25/15	10:00	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.24	0.9	0.5 U	0.5 U	1.5
CM-MW-03d		100	2015Q1	03/06/15	13:15	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.62	0.5 U	0.5 U	1.63
CM-MW-03d		100	2015Q3	09/04/15	13:52	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.62	0.5 U	0.5 U	1.68
CM-MW-04i		90	2015Q1	03/11/15	9:55	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.55 J	0.5 U	1.8	0.5 U	0.5 U	3.58
CM-MW-04i		90	2015Q3	09/03/15	10:11	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.72	0.5 U	0.5 U	3.59
CM-MW-05i		90	2015Q1	03/11/15	12:09	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.38	2.12	0.5 U	0.5 U	1.34
CM-MW-05i	DP	90	2015Q3	09/03/15	12:20	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.26	0.5 U	0.5 U	1.33
CM-MW-05i	D	90	2015Q3	09/03/15	12:20	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.23	0.5 U	0.5 U	1.26
CM-MW-07i		104	2015Q1	03/10/15	15:04	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.76	3.74	0.5 U	0.5 U	6.17
CM-MW-07i		104	2015Q3	09/23/15	15:30	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.78	2.87	0.5 U	0.5 U	5.02
CM-MW-15s		52	2015Q1	03/20/15	15:28	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U
CM-MW-15s		52	2015Q3	09/25/15	11:35	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-17i		90	2015Q1	03/06/15	9:41	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.96	0.5 U	0.5 U	0.96
CM-MW-17i		90	2015Q3	09/04/15	9:58	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.84	0.5 U	0.5 U	0.5 U
CM-MW-18i		93	2015Q1	03/09/15	14:40	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.67
CM-MW-18i		93	2015Q3	09/02/15	13:14	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.35
CM-MW-19i		89	2015Q1	03/18/15	15:26	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 J	0.5 U	0.79	0.5 U	0.5 U	1.81
CM-MW-19i		89	2015Q3	09/02/15	17:13	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.57 J	0.5 U	0.64	0.5 U	0.5 U	1.41
CM-MW-20i		94	2015Q1	03/20/15	15:00	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.93	9.52	0.5 U	0.5 U	7.5
CM-MW-20i	DP	94	2015Q3	09/10/15	15:56	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.61	6.82	0.5 U	0.5 U	6.17
CM-MW-20i	D	94	2015Q3	09/10/15	12:00	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.61	5.93	0.5 U	0.5 U	5.34
CM-MW-21i	DP	115	2015Q1	03/17/15	10:45	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21i	D	115	2015Q1	03/17/15	10:45	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-22s		40	2015Q1	03/07/15	12:58	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.01	0.5 U	0.5 U	0.5 U
CM-MW-22s		40	2015Q3	09/04/15	17:34	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.92	0.5 U	0.5 U	0.63
CM-MW-23i		97	2015Q1	03/19/15	12:53	0.5 U	0.51	0.5 U	0.25 U	0.5 U	0.5 U	4.69	9.74	0.5 U	0.5 U	15.8
CM-MW-23i		97	2015Q3	09/09/15	10:08	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	4.23	8.32	0.5 U	0.5 U	12.68
CM-MW-24i		93	2015Q1	03/09/15	16:38	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.57	0.5 U	0.5 U	2.81
CM-MW-24i		93	2015Q3	09/02/15	15:49	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.58	0.5 U	0.5 U	2.89
CM-MW-28USA		50	2015Q1	03/09/15	11:21	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6
CM-MW-28USA		50	2015Q3	09/02/15	10:50	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6
CM-MW-28USA		120.5	2015Q1	03/09/15	11:47	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.25
CM-MW-28USA		120.5	2015Q3	09/02/15	11:28	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.25
CM-MW-29USA		60.5	2015Q1	03/10/15	10:48	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.87	0.5 U	0.5 U	0.96
CM-MW-29USA		60.5	2015Q3	09/23/15	12:00	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.61
CM-MW-29USA		100	2015Q1	03/10/15	11:20	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.05	0.5 U	0.5 U	2.83
CM-MW-29USA		100	2015Q3	09/23/15	12:20	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.57 J	0.5 U	0.68	0.5 U	0.5 U	2.19
CM-MW-29USA		140.5	2015Q1	03/10/15	11:54	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.69	0.5 U	0.5 U	4.41
CM-MW-29USA		140.5	2015Q3	09/23/15	12:40	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.96	1.97	0.5 U	0.5 U	4.8
CM-MW-Ui		115	2015Q1	03/17/15	9:30	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.73 J	0.5 U	0.5 U	0.5 U	0.5 U	7.55
MW-04i		95	2015Q1	03/19/15	15:10	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.76
MW-05i	DP	95	2015Q1	03/04/15	10:40	0.98	0.69	0.83	0.25 U	0.5 U	0.5 U	4.9	2	0.5 U	0.5 U	26.31
MW-05i	D	95	2015Q1	03/04/15	10:40	0.96	0.71	0.83	0.25 U	0.5 U	0.5 U	5.19	2	0.5 U	0.5 U	25.88
MW-05i		95	2015Q3	09/09/15	12:48	0.78	0.71	0.79	0.25 U	0.5 U	0.5 U	5.94	2.07	0.5 U	0.5 U	23.92
MW-07i		85	2015Q1	03/18/15	10:03	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.45	0.5 U	0.5 U	3.97
MW-15i		134	2015Q1	03/01/15	13:08	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.2
MW-15i		134	2015Q3	09/03/15	16:20	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.36
MW-18i		125	2015Q1	03/03/15	16:14	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	2.2	0.5 U	0.5 U	6.3
MW-18i	DP	125	2015Q3	09/10/15	11:15	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	2.07	0.5 U	0.5 U	5.19
MW-18i	D	125	2015Q3	09/10/15	0:00	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.79	0.5 U	0.5 U	5.24
MW-19i		125	2015Q1	03/16/15	14:00	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.72
MW-24i		118	2015Q1	03/05/15	15:05	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i		108	2015Q1	03/05/15	16:20	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28i		80	2015Q1	03/05/15	11:35	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.74	0.5 U	0.5 U	1.6
MW-28i		80	2015Q3	09/10/15	9:22	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.88
MW-29i		120	2015Q1	03/18/15	14:02	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.56
MW-30i		80	2015Q1	03/03/15	13:29	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-30i		80	2015Q3	09/09/15	17:19	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-31i		80	2015Q1	03/02/15	15:56	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	6.21	8.05	0.5 U	0.5 U	4.28
MW-31i		80	2015Q3	09/03/15	11:25	0.5 U	0.61	0.5 U	0.25 U	0.5 U	0.5 U	8.32	9.05	0.5 U	0.5 U	4.76
MW-32i	DP	65	2015Q1	03/02/15	14:59	0.5 U	1.71	0.5 U	0.25 U	0.5 U	0.5 U	29.48	24.69	0.5 U	0.5 U	13.23
MW-32i	D	65	2015Q1	03/02/15	14:59	0.5 U	1.7	0.5 U	0.25 U	0.5 U	0.5 U	29.35	23.13	0.5 U	0.5 U	12.6
MW-32i		65	2015Q3	09/02/15	16:18	0.5 U	2.97	0.93	0.25 U	0.5 U	0.5 U	80.85	40.6	0.5 U	0.55	22.95
MW-33i		80	2015Q1	03/02/15	10:57	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.78	2.57	0.5 U	0.5 U	1.57
MW-33i		80	2015Q3	09/02/15	13:42	0.5 U	0.5	0.5 U	0.25 U	0.5 U	0.5 U	9.87	6.09	0.5 U	0.5 U	3.39
MW-34i		100	2015Q1	03/05/15	12:24	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U	0.5 U
MW-34i		100	2015Q3	09/10/15	10:09	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.85	0.5 U	0.5 U	0.5 U
MW-35i		117	2015Q1	03/03/15	16:47	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.89	0.5 U	0.5 U	2.09
MW-35i		117	2015Q3	09/10/15	12:03	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.96	0.5 U	0.5 U	1.49
MW-36i		100	2015Q1	03/17/15	13:34	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	1.04
MW-37i		120	2015Q1	03/12/15	15:28	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	42.32
MW-37i		120	2015Q3	09/09/15	16:20	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	37.87
MW-38i		150	2015Q1	03/05/15	13:18	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	1.76	0.5 U	0.5 U	6.86
MW-38i		150	2015Q3	09/10/15	12:43	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 J	0.5 U	1.48	0.5 U	0.5 U	6.38
Deep USA Zone Monitoring Wells																
CM-MW-01d		161	2015Q1	03/07/15	14:20	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	2.07	4.92	0.5 U	0.5 U	7.3
CM-MW-01d		161	2015Q3	09/04/15	14:04	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	3.3	4.24	0.5 U	0.5 U	6.3
CM-MW-01d		194	2015Q1	03/07/15	14:46	0.53	0.5	0.5	0.25 U	0.5 U	0.5 U	4.04	3.42	0.5 U	0.5 U	14.85
CM-MW-01d		194	2015Q3	09/04/15	16:32	0.5 U	0.59	0.5 U	0.25 U	0.5 U	0.5 U	5.57	3.27	0.5 U	0.5 U	10.88
CM-MW-01d		224	2015Q1	03/07/15	15:13	0.86	0.63	0.8	0.25 U	0.5 U	0.5 U	3.56	3.21	0.5 U	0.5 U	14.6
CM-MW-01d		224	2015Q3	09/04/15	17:01	0.94	0.78	0.95	0.25 U	0.5 U	0.5 U	4.75	2.66	0.5 U	0.5 U	12.55
CM-MW-02d		225	2015Q1	03/19/15	10:18	0.95	0.62	0.66	0.25 U	0.5 U	0.5 U	2.47	2.12	0.5 U	0.5 U	12.59
CM-MW-02d		225	2015Q3	09/10/15	16:53	0.72	0.52	0.5 U	0.25 U	0.5 U	0.5 U	1.73	1.31	0.5 U	0.5 U	8.79
CM-MW-03d		141	2015Q1	03/06/15	13:43	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	2.02	3.13	0.5 U	0.5 U	5.66
CM-MW-03d		141	2015Q3	09/04/15	13:29	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	2.39	3.15	0.5 U	0.5 U	5.13
CM-MW-03d		181	2015Q1	03/06/15	14:10	0.56	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.25	1.6	0.5 U	0.5 U	7.19
CM-MW-03d		181	2015Q3	09/04/15	13:05	0.6	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.57	1.31	0.5 U	0.5 U	6.56
CM-MW-03d		227	2015Q1	03/06/15	14:37	1.47	1.16	1.31	0.25 U	0.5 U	0.5 U	5.43	2.05	0.5 U	0.5 U	18.18
CM-MW-03d		227	2015Q3	09/04/15	12:42	1.04	0.83	0.95	0.25 U	0.5 U	0.5 U	4.52	1.58	0.5 U	0.5 U	12.29
CM-MW-05d		211.5	2015Q1	03/11/15	10:51	2.2	1.9	2.47	0.25 U	0.5 U	0.5 U	10.58	4.36	0.5 U	0.5 U	34.47
CM-MW-05d		211.5	2015Q3	09/03/15	11:35	1.5	1.56	1.77	0.25 U	0.5 U	0.5 U	8.7	3.42	0.5 U	0.5 U	27.15
CM-MW-07d		220	2015Q1	03/10/15	15:46	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.97 J	0.5 U	0.5 U
CM-MW-18d		193.5	2015Q1	03/09/15	13:37	0.68	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.83	0.5 U	0.5 U	6.31

Table 4-1 - Summary of Groundwater Analytical Results - 2015 (ug/L)

Well Name	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	Benzene	Bromo-dichloro-methane	Chloro-form	cis-1,2-Dichloro-ethene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene
CM-MW-18d		193.5	2015Q3	09/02/15	14:27	0.62	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.55	0.67	0.5 U	0.5 U	5.39
CM-MW-19d		173	2015Q1	03/18/15	14:51	1.08	0.59	0.88	0.25 U	0.5 U	0.5 U	1.65	1.38	0.5 U	0.5 U	9.96
CM-MW-19d		173	2015Q3	09/02/15	17:51	1.09	0.59	0.9	0.25 U	0.5 U	0.5 U	1.92	1.45	0.5 U	0.5 U	9.46
CM-MW-28USA		180	2015Q1	03/09/15	12:16	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.2
CM-MW-28USA		180	2015Q3	09/02/15	12:01	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.92
MW-01d		216	2015Q1	03/04/15	15:05	0.92	0.76	0.91	0.25 U	0.5 U	0.5 U	4.33	4.63	0.5 U	0.5 U	20.18
MW-01d		216	2015Q3	09/09/15	11:05	0.91	0.88	1.04	0.25 U	0.5 U	0.5 U	6.27	4.66	0.5 U	0.5 U	20.9
MW-04d		227	2015Q1	03/16/15	11:10	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05dR		221	2015Q1	03/04/15	11:16	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.82	3.49	0.5 U	0.5 U	11.83
MW-05dr		221	2015Q3	09/09/15	13:22	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	2.71	3.33	0.5 U	0.5 U	13
MW-08i		125	2015Q1	03/01/15	10:18	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12d		211	2015Q1	03/02/15	12:02	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	2.18	2.82	0.5 U	0.5 U	8.98
MW-12d		211	2015Q3	09/09/15	15:21	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	2.53	2.52	0.5 U	0.5 U	8.18
MW-14d		216	2015Q1	03/01/15	14:00	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	1.25	1.48	0.5 U	0.5 U	5.77
MW-14d	DP	216	2015Q3	09/03/15	13:40	0.5 U	0.58	0.5 U	0.25 U	0.5 U	0.5 U	2.71	1.94	0.5 U	0.5 U	8.44
MW-14d	D	216	2015Q3	09/03/15	0:00	0.5 U	0.55	0.5 U	0.25 U	0.5 U	0.5 U	2.65	1.87	0.5 U	0.5 U	8.26
Troutdale Gravel Aquifer Monitoring Wells																
CM-MW-10d		225	2015Q1	03/10/15	13:35	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-27TGA		165	2015Q1	03/18/15	16:45	0.5 U	0.5 U	0.5 U	0.25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA		206	2015Q1	03/09/15	12:50	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	1.44	0.5 U	0.5 U
CM-MW-29TGA	DP	155	2015Q1	03/10/15	10:02	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	3.1	6.28	0.5 U	0.5 U	11.83
CM-MW-29TGA	D	155	2015Q1	03/10/15	10:02	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	3.1	5.6	0.5 U	0.5 U	11.47
CM-MW-29TGA		155	2015Q3	09/23/15	13:05	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	3.93	6.24	0.5 U	0.5 U	11.73
MW-02d		212	2015Q1	03/12/15	13:39	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d		257	2015Q1	03/16/15	10:20	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d		225	2015Q1	03/12/15	9:46	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d		190	2015Q1	03/02/15	13:27	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes

Table includes constituents present above detection limits in at least one well.
Groundwater samples were analyzed for VOCs using Method 8021B/8260B.
Blue font indicates most recent data: Third quarter 2015 sampling event.

Abbreviations

QC Code: D = field duplicate sample; DP = assoicated field sample (the duplicate pair); ASC - sample preserved with ascorbic acid; R = resampled
Water Quality Zones: SH = Unconsolidated Sedimentary Aquifer Shallow Zone; IN = Unconsolidated Sedimentary Aquifer Intermediate Zone; DP = Unconsolidated Sedimentary Aquifer Deep Zone; TGA = Troutdale Gravel Aquifer
ft bgs - feet below ground surface
ug/L = micrograms per liter

Data Qualifiers

U = Not detected at or above the method reporting limit).
UJ = Not detected at or above the method reporting limit. However, the method reporting limit value is uncertain.
UB - Result qualified as undetected due to a concentration less than 5 times the concentration detected in a QC blank.
J = The analyte was positively identified but the associated value is approximate.
N = Indicates an analyte has been tentatively identified but not all required identification criteria were met. The associated result is both qualitatively and quantitatively uncertain.
R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Figures

Parametrix

Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\AEMR_2015\Fig_1_1_Site_Location_Map.mxd

N

0 1,000

SCALE IN FEET

Figure 1-1
Site Location Map

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Parametrix Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\AEMR_2015\Fig_2_1_SMC_Well_Locations.mxd

N

0 250 500

Scale in Feet

- Shallow USA Groundwater Monitoring Well
- Intermediate USA Groundwater Monitoring Well
- Deep USA Groundwater Monitoring Well
- TGA Monitoring Well
- GPTIA Extraction Well

Figure 2-1
SMC Site Groundwater Monitoring Well Locations

2015 Annual Environmental Monitoring Report
SMC and Cadet Sites
Port of Vancouver, WA

Parametrix Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\AEMR_2015\Fig_2_2_Cadet_Well_Locations.mxd

N

0 250 500

Scale in Feet

- Shallow USA Groundwater Monitoring Well
- Intermediate USA Groundwater Monitoring Well
- Deep USA Groundwater Monitoring Well
- TGA Monitoring Well

Note: Wells shown in italics have been decommissioned.

Figure 2-2
Cadet Site Groundwater Monitoring Well Locations

2015 Annual Environmental Monitoring Report
SMC and Cadet Sites
Port of Vancouver, WA

Parametrix DATE: 2/23/2016 FILE: P:\GIS\POV\MXD_PDF\AEMR_2015\Fig_3_1_Q1_Surface_Map.mxd

N

0 500 1,000

Scale in Feet

Transducer location with groundwater elevation in feet

Equipotential line in feet

Presumed Equipotential line

Direction of groundwater flow

Presumed Direction of groundwater flow

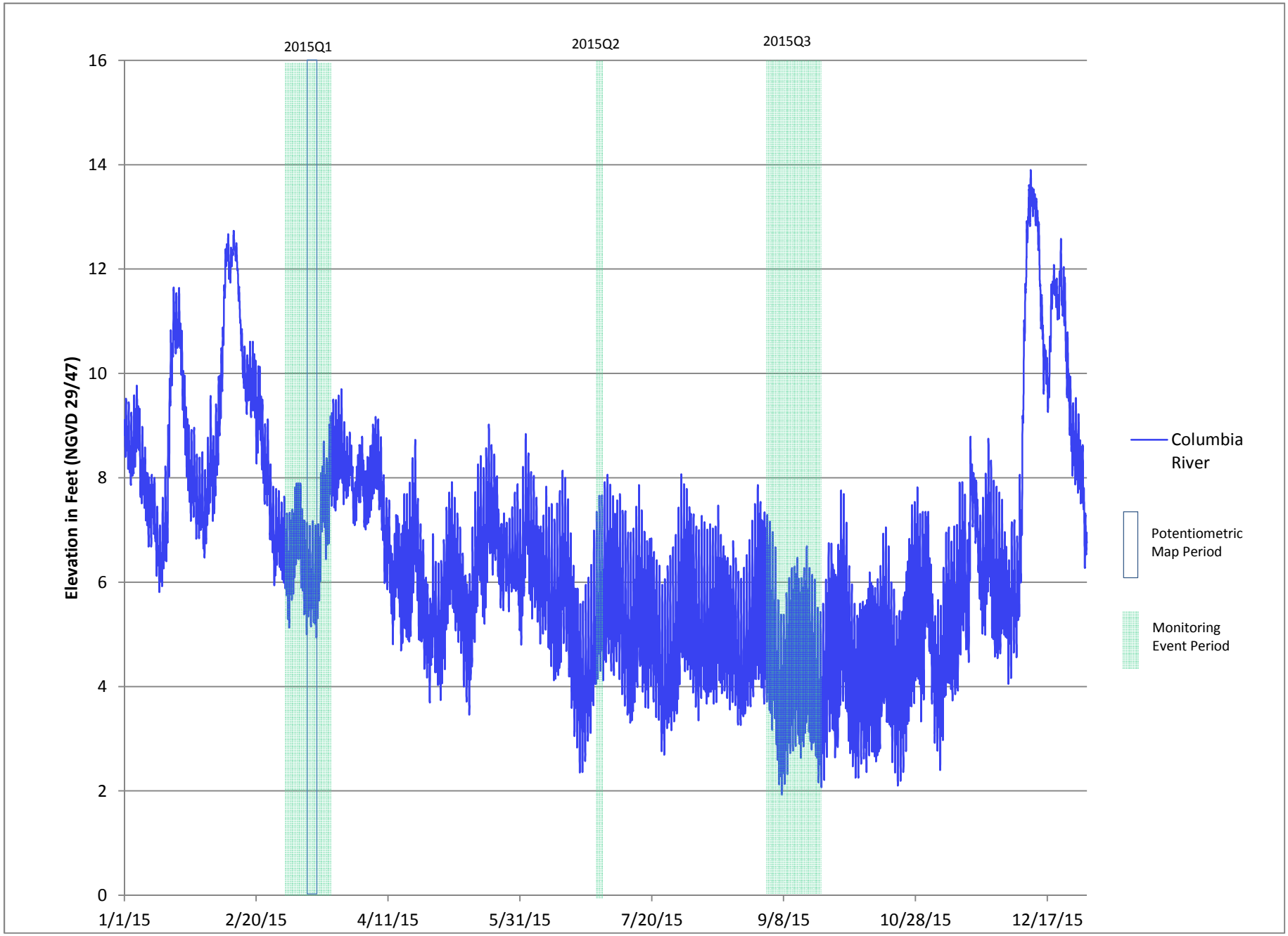
ND = No Data

Note: Rolling average of groundwater elevations from 3/11/15 to 3/13/15

Figure 3-1
Potentiometric Surface Map
Rolling Average
1st Quarter 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Figure 3-2 - Columbia River Stage Data, 2015



CM-MW-27USA-049.5 0.89
CM-MW-18s ND
CM-MW-19s 0.6
CM-MW-24s ND
CM-MW-10s ND
CM-MW-03s 2.14
CM-DPW-10 1.72
CM-DPW-01 7.74
CM-MW-23s 2.28
CM-MW-08s ND
CM-MW-02s ND
CM-VE-09 2.87
CM-DPW-06 2.32
CM-DPW-16 0.92
CM-VE-10 2.25
CM-MW-25s 2.29
CM-VE-11 3.16
CM-MW-21s ND
CM-MW-09s ND
CM-MW-26s 0.74
CM-MW-06s 3.04
CM-MW-07s 0.98
CM-VE-12 2.1
CM-MW-05s 1.5
CM-MW-04s 3.6
CM-MW-01d-040 3.25
CM-MW-01s 2.4
CM-MW-20s 0.92
MW-12 ND
IMW-05 49.53
MW-08 1.93
MW-09 1.06
MW-20 1.17
MW-01 ND
MW-05 2420.6
VMW-10 210.7
ST-MW-17 12.6
VMW-09 1598.9
MW-02 9.35
ST-MW-14 912
VMW-11 50.67
MW-07 4.98
MW-24 ND
ST-MW-26 458
ST-MP-01 95.6
MW-16 2.63
MW-33s ND
MW-E 25
ST-MW-08 ND
VMW-08 913.5
MW-11 ND
MW-04 ND
MW-06 2.47
MW-10 1.8
ST-MW-10 1.8
ST-MW-21i-040 37.2
MW-21 1.31
MW-32s ND
ST-MW-05 5.8
ST-MW-09 59.5
ST-MW-07 1
ST-MW-16 31
MW-G ND
ST-MW-13 609
MW-F ND
ST-MGMS1-43 129
ST-MW-03 ND
MW-17 ND
MW-36s ND
ST-MW-19 3970
ST-MW-15 ND
ST-EX-01 55.8
ST-MW-01 1.9
ST-MW-02 ND
MW-25 ND
ST-MW-12 344
ST-MW-06 ND
ST-MGMS2-40 22.1
ST-EW-01 NS
ST-MGMS3-40 159
MW-23 ND
MW-15 ND
MW-18 ND
MW-19s ND

Note: Not all groundwater concentrations in the shallow USA in the vicinity of the NuStar site were used for contouring in order to simplify and present a general picture of the nature and extent of groundwater contamination at a project area level.

Parametrix Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\Isoconcentrations\POV_Isoconcentrations_TCE_Shallow4_Q1_2015.mxd

N

0 250 500 750

Scale in Feet

MW-10 — Well Location Name
23 — Concentration Value (µg/l)

ND = Non-Detect
NS = Not sampled

- > 4 µg/L
- > 25 µg/L
- > 50 µg/L
- > 100 µg/L
- > 500 µg/L
- > 1000 µg/L

Figure 4-1
TCE Isoconcentrations in Shallow USA Zone Groundwater 1st Quarter 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Parametrix Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\Isoconcentrations\POV_Isoconcentrations_TCE_Shallow4_Q3_2015.mxd

N

0 250 500 750

Scale in Feet

MW-10 — Well Location Name

23 — Concentration Value (µg/l)

ND = Non-Detect

NS = Not sampled

- > 4 µg/L
- > 25 µg/L
- > 50 µg/L
- > 100 µg/L
- > 500 µg/L
- > 1000 µg/L

Figure 4-2
TCE Isoconcentrations in Shallow USA Zone Groundwater 3rd Quarter 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Parametrix Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\Isoconcentrations\POV_Isoconcentrations_PCE_Shallow5_Q1_2015.mxd

N

0 250 500 750

Scale in Feet

MW-10
23
Well Location Name
Concentration Value (µg/l)

ND = Non-Detect
NS = Not sampled

> 5 µg/L
> 25 µg/L
> 50 µg/L
> 100 µg/L
> 500 µg/L
> 1000 µg/L

Figure 4-3
PCE Isoconcentrations in Shallow USA Zone Groundwater
1st Quarter 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Note: Not all groundwater concentrations in the shallow USA in the vicinity of the NuStar site were used for contouring in order to simplify and present a general picture of the nature and extent of groundwater contamination at a project area level.

Parametrix Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\Isoconcentrations\POV_Isoconcentrations_PCE_Shallow5_Q3_2015.mxd

N

0 250 500 750

Scale in Feet

MW-10 — Well Location Name

23 — Concentration Value (µg/l)

ND = Non-Detect
NS = Not sampled

- > 5 µg/L
- > 25 µg/L
- > 50 µg/L
- > 100 µg/L
- > 500 µg/L
- > 1000 µg/L

Figure 4-4
PCE Isoconcentrations in Shallow USA Zone Groundwater
3rd Quarter 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

2009 Q1

2012 Q1

2015 Q1

Parametrix

Date: 2/3/2016 Path: P:\GIS\POV\MXD_PDF\AEMR_2015\Fig_4_5_sh_compare.mxd

N

0 500 1,000 2,000 Feet

> 4 µg/L
> 25 µg/L
> 50 µg/L
> 100 µg/L
> 500 µg/L
> 1000 µg/L

Figure 4-5
TCE Isoconcentrations in Shallow USA Zone Groundwater 2009, 2012, and 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Parametrix Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\Isoconcentrations\POV_Isoconcentrations_TCE_Intermediate4_Q1_2015.mxd

N

0 250 500 750

Scale in Feet

MW-10
23
Well Location Name
Concentration Value (µg/l)

ND = Non-Detect
NS = Not sampled

> 4 µg/L
> 25 µg/L

Figure 4-6
TCE Isoconcentrations in Intermediate USA Zone Groundwater
1st Quarter 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Parametrix Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\Isoconcentrations\POV_Isoconcentrations_TCE_Intermediate4_Q3_2015.mxd

N

0 250 500 750

Scale in Feet

MW-10
23
Well Location Name
Concentration Value (µg/l)

ND = Non-Detect
NS = Not sampled

> 4 µg/L
> 25 µg/L

Figure 4-7
TCE Isoconcentrations in Intermediate USA Zone Groundwater 3rd Quarter 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Parametrix Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\Isoconcentrations\POV_Isoconcentrations_PCE_Intermediate5_Q1_2015.mxd

N

0 250 500 750

Scale in Feet

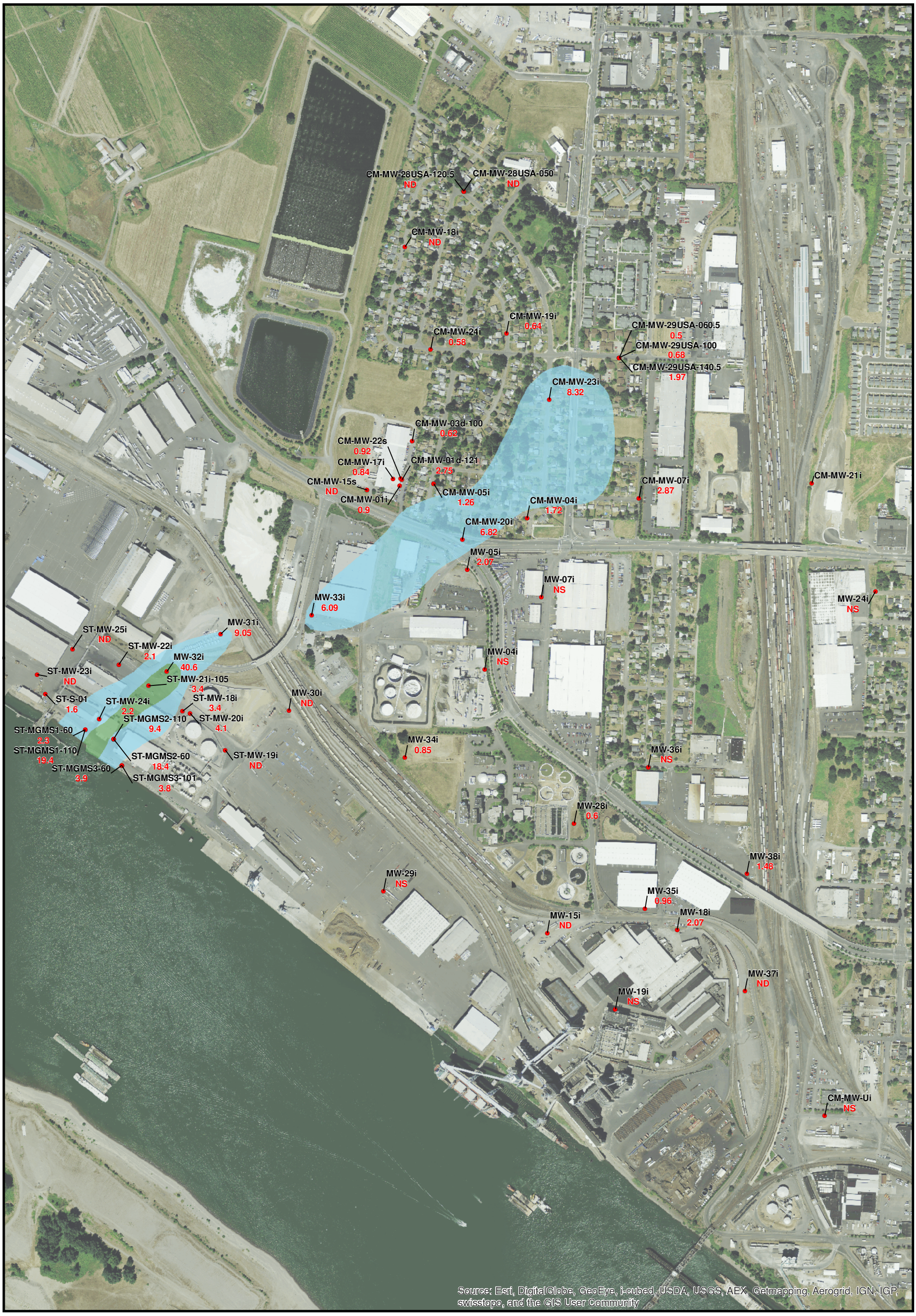
MW-10
23
Well Location Name
Concentration Value (µg/l)

> 5 µg/L
> 25 µg/L

ND = Non-Detect
NS = Not sampled

Figure 4-8
PCE Isoconcentrations in Intermediate USA Zone Groundwater
1st Quarter 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON



Parametrix Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\Isoconcentrations\POV_Isoconcentrations_PCE_Intermediate5_Q3_2015.mxd

N

0 250 500 750

Scale in Feet

MW-10
23
Well Location Name
Concentration Value (µg/l)

> 5 µg/L
> 25 µg/L

ND = Non-Detect
NS = Not sampled

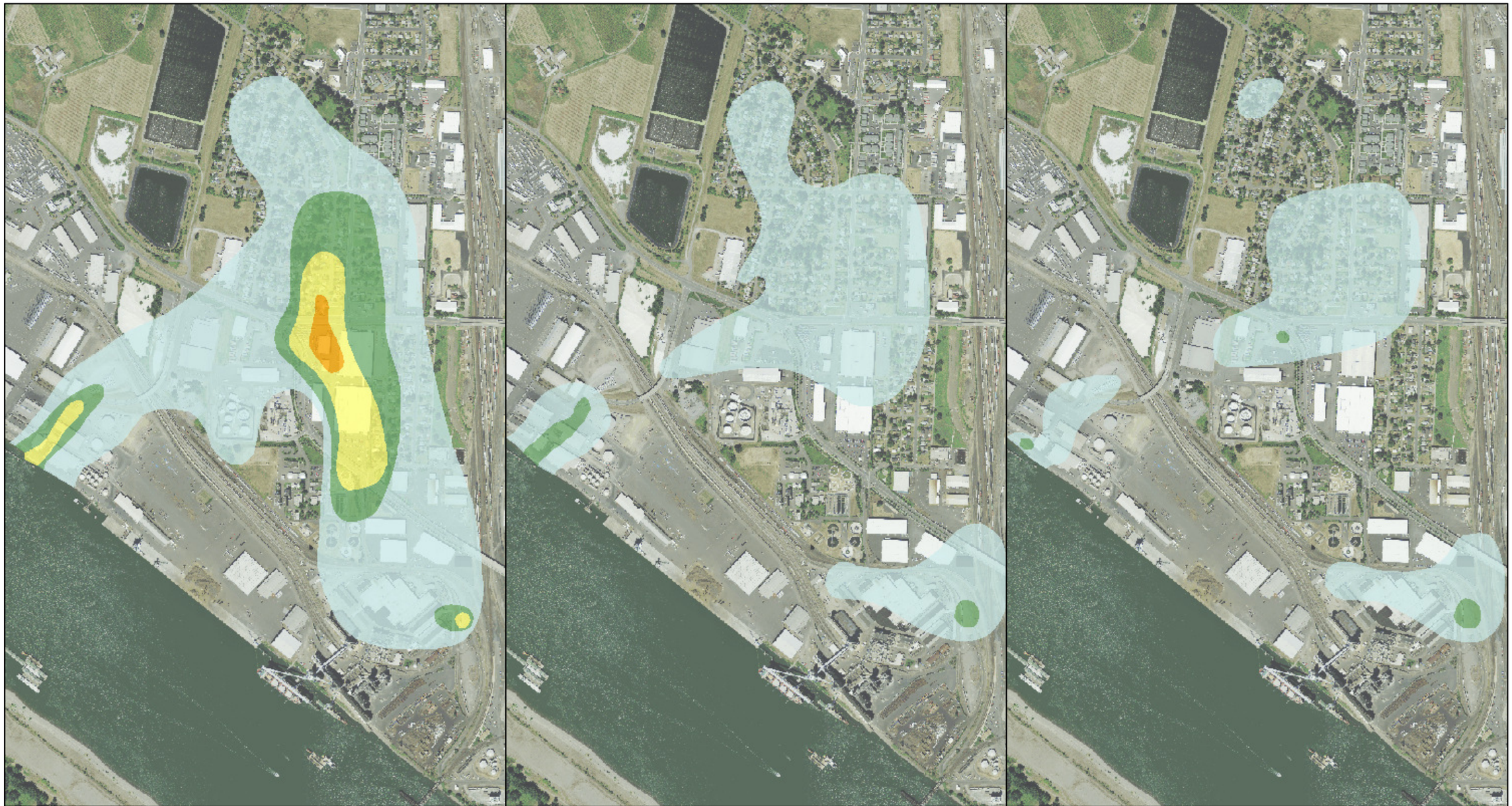
Figure 4-9
PCE Isoconcentrations in Intermediate USA Zone Groundwater
3rd Quarter 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

2009 Q1

2012 Q1

2015 Q1



Parametrix

Date: 2/3/2016 Path: P:\GIS\POV\MXD_PDF\AEMR_2015\Fig_4_10_int_compare.mxd

N

0 500 1,000 2,000 Feet

> 4 µg/L
> 25 µg/L
> 50 µg/L
> 100 µg/L

Figure 4-10
TCE Isoconcentrations in Intermeidate USA Zone Groundwater 2009, 2012, and 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Parametrix Date: 2/3/2016 Path: P:\GIS\POV\MXD_PDF\Isoconcentrations\POV_Isoconcentrations_TCE_Deep4_Q1_2015.mxd

N

0 250 500 750

Scale in Feet

MW-10
23
Well Location Name
Concentration Value (µg/l)

ND = Non-Detect
NS = Not sampled

> 4 µg/L
> 25 µg/L

Figure 4-11
TCE Isoconcentrations in Deep USA Zone Groundwater 1st Quarter 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Parametrix Date: 2/3/2016 Path: P:\GIS\POV\MXD_PDF\Isoconcentrations\POV_Isoconcentrations_TCE_Deep4_Q3_2015.mxd

N

0 250 500 750

Scale in Feet

MW-10
23
Well Location Name
Concentration Value (µg/l)

ND = Non-Detect
NS = Not sampled

> 4 µg/L
> 25 µg/L

Figure 4-12
TCE Isoconcentrations in Deep USA Zone Groundwater 3rd Quarter 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Parametrix Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\Isoconcentrations\POV_Isoconcentrations_PCE_Deep5_Q1_2015.mxd

N

0 250 500 750

Scale in Feet

MW-10 — Well Location Name

23 — Concentration Value (µg/l)

ND = Non-Detect
NS = Not sampled

> 5 µg/L

Figure 4-13
PCE Isoconcentrations in Deep USA Zone Groundwater 1st Quarter 2014

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Parametrix Date: 2/2/2016 Path: P:\GIS\POV\MXD_PDF\Isoconcentrations\POV_Isoconcentrations_PCE_Deep5_Q3_2015.mxd

N

0 250 500 750

Scale in Feet

MW-10 Well Location Name

23 Concentration Value (µg/l)

ND = Non-Detect
NS = Not sampled

> 5 µg/L

Figure 4-14
PCE Isoconcentrations in Deep USA Zone Groundwater 3rd Quarter 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

2009 Q1

2012 Q1

2015 Q1

Parametrix

Date: 3/4/2016 Path: P:\GIS\POV\MXD_PDF\AEMR_2015\Fig_4_15_dp_compare.mxd

> 4 µg/L
> 25 µg/L

N

0 500 1,000 2,000 Feet

Figure 4-15
TCE Isoconcentrations in Deep USA Zone Groundwater 2009, 2012, and 2015

2015 ANNUAL ENVIRONMENTAL MONITORING REPORT
SMC AND CADET SITES
PORT OF VANCOUVER, WASHINGTON

Appendix A

Summary of Historical Groundwater Analytical Results

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-DPW-01	SH		18	2000Q3	08/18/00	0:00	50 U	620	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	250 U	50 U	50 U	50 U	250 U	50 U	1400	50 U	50 U	4500	50 U	50 U
CM-DPW-01	SH		18	2000Q4	12/14/00	0:00		2330	50 U	50 U	50 U	50 U	50 U	50 U	50 U		50 U	250 U	50 U	250 U	50 U	50 U	50 U	250 U		4200		50 U	16000	50 U	50 U
CM-DPW-01	SH		18	2001Q1	02/23/01	0:00		3160	50 U	50 U	50 U	50 U	50 U	50 U	50 U		50 U	250 U	50 U	250 U	250 U	50 U	50 U	250 U		7490		50 U	17500	50 U	50 U
CM-DPW-01	SH		18	2001Q2	05/16/01	0:00		982	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		4540		25 U	7140	25 U	25 U
CM-DPW-01	SH		18	2001Q3	08/27/01	11:55	250 U	6290	250 U	250 U	250 U	250 U	250 U	250 U	250 U		250 U	500 U	250 U	250 U	2500 U	250 U	500 U	2500 U		25000		250 U	50700	250 U	250 U
CM-DPW-01	SH		18	2001Q4	11/07/01	12:25	100 U	3830	100 U	100 U	100 U	100 U	100 U	100 U	100 U		100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		11000		100 U	17800	100 U	100 U
CM-DPW-01	SH		18	2002Q1	01/31/02	11:40	25 U	828	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		2390		25 U	4980	25 U	25 U
CM-DPW-01	SH		18	2002Q2	05/28/02	10:55	10 U	389	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	10 U	20 U	100 U		1670		10 U	2150	10 U	10 U
CM-DPW-01	SH		18	2002Q3	08/26/02	17:00	2.5 UJ	72.5 J	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ		2.5 UJ	5 UJ	2.5 UJ	3.2 J	25 UJ	6.2 J	5 UJ	25 UJ		763 J		2.5 UJ	477 J	2.5 UJ	2.5 UJ
CM-DPW-01	SH		18	2002Q4	11/26/02	11:35	5 U	47.9	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	8.5	10 U	50 U		1130		5 U	517	5 U	5 U
CM-DPW-01	SH		18	2003Q1	02/03/03	10:45	10 U	19	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	10 U	20 U	100 U		1840		10 U	301	10 U	10 U
CM-DPW-01	SH		18	2003Q2	05/27/03	16:15	5 U	43.7	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		1240		5 U	318	5 U	5 U
CM-DPW-01	SH		18	2003Q3	08/06/03	15:20	2.5 U	8.55	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	2.8	5 U	25 U		518		2.5 U	99.9	2.5 U	2.5 U
CM-DPW-01	SH		18	2003Q4	11/11/03	14:15	10 U	21.4	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	10 U	20 U	100 U		2060		10 U	385	10 U	10 U
CM-DPW-01	SH		18	2004Q1	01/29/04	12:10	1 U	3.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1.22	10 U	2.92	2 U	10 U		125		1 U	186	1 U	1 U
CM-DPW-01	SH		18	2004Q2	05/07/04	10:20	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	50 U	10 U	1080	10 U	10 U	86.4	10 U	10 U
CM-DPW-01	SH		18	2004Q3	08/18/04	12:45	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 UJ	2.5 U	2.5 U	25 U	2.5 U	5 U	25 U		438		2.5 U	31.8	2.5 U	2.5 U
CM-DPW-01	SH		18	2004Q4	10/01/04	9:30	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 UJ	5 U	5 U	50 U	5 U	10 U	50 U		891		5 U	70.9	5 U	5 U
CM-DPW-01	SH		18	2004Q4	11/15/04	10:00	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 UJ	2.5 U	2.5 U	25 U	2.5 U	5 U	25 U		668		2.5 U	40	2.5 U	2.5 U
CM-DPW-01	SH		18	2005Q1	01/18/05	12:55	0.5 U	0.55	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 U	0.5 U	0.5 U	5 U	0.62	1 U	5 U		162		0.5 U	31.5	0.5 U	0.5 U
CM-DPW-01	SH		18	2005Q1	02/02/05	12:24	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		38.1		0.5 U	13.9	0.5 U	0.5 U
CM-DPW-01	SH		18	2005Q2	04/13/05	17:45	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1 U	10 U	1 U	2 U	10 U		222		1 U	31.6	1 U	1 U
CM-DPW-01	SH		18	2005Q2	05/17/05	11:05	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	2.5 U	5 U	25 U		668		2.5 U	107	2.5 U	2.5 U
CM-DPW-01	SH		18	2005Q2	06/08/05	11:20	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	1 U	2 U	10 U		392		1 U	20.5	1 U	1 U
CM-DPW-01	SH		18	2005Q3	07/12/05	11:20	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	1 UJ	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		98.8		0.5 U	9.95	0.5 U	0.5 U
CM-DPW-01	SH		18	2005Q3	08/16/05	12:45	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		79.9		1 U	4.85	1 U	1 U
CM-DPW-01	SH		18	2005Q3	09/20/05	12:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		45.5		0.5 U	2.39	0.5 U	0.5 U
CM-DPW-01	SH	DP	18	2005Q4	11/17/05	10:35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	1 U	2 U	10 U		244		1 U	15.7	1 U	1 U
CM-DPW-01	SH	D	18	2005Q4	11/17/05	10:35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	1 U	2 U	10 U		257		1 U	15.7	1 U	1 U
CM-DPW-01	SH		18	2006Q3	09/12/06	10:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		109	0.5 U	0.5 U	7.73	0.5 U	0.5 U
CM-DPW-01	SH		18	2007Q1	02/11/07	14:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		39.3	0.5 U	0.5 U	6.03	0.5 U	0.5 U
CM-DPW-01	SH		18	2007Q3	09/14/07	15:43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	17.8	1 U	1 U	2.86	1 U	1 U
CM-DPW-01	SH		18	2008Q1	02/28/08	12:40	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	2.5 U	5 U	25 U		50.4	5 U	2.5 U	10.6	2.5 U	2.5 U
CM-DPW-01	SH		18	2009Q1	04/03/09	10:30	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		73	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-DPW-01	SH		18	2009Q3	09/22/09	15:25	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		7.6	0.5 U	0.5 U	6.8	0.5 U	0.5 U
CM-DPW-01	SH		18	2010Q1	03/23/10	11:12	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.7	0.5 U	0.5 U	5.9	0.5 U	0.5 U
CM-DPW-01	SH		18	2010Q3	09/29/10	14:48	0.5 U	0.87	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	0.5 U	0.5 U	0.5 U	2 U		3.5	0.5 U	0.5 U	8.2	0.5 U	0.5 U
CM-DPW-01	SH		18	2011Q1	03/21/11	19:05	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.1	0.5 U	0.5 U	4.7	0.5 U	0.5 U
CM-DPW-01	SH		18	2011Q3	09/20/11	12:15	0.5 U	0.85	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	1 U	0.5 U	0.5 U	5 U	0.73	1 U	5 U		1.99	0.5 U	0.5 U	7.78	0.5 U	0.5 U
CM-DPW-01	SH		18	2012Q1	03/26/12	13:03	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	2.2	0.5 U	0.5 U
CM-DPW-01	SH		18	2012Q3	09/11/12	12:52	0.5 U	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	1 U	0.5 U	0.5 U	5 U	1.9	1 U	5 U		3.2	0.5 U	0.5 U	8.4	0.5 U	0.5 U
CM-DPW-01	SH		18	2013Q1	03/18/13	12:55	0.5 U	3.1	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4	0.5 U	0.5 U	33	0.5 U	0.5 U
CM-DPW-01	SH		18	2013Q3	09/20/13	11:56	0.5 U	2.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.8	0.5 U	0.5 U	24	0.5 U	0.5 U
CM-DPW-01	SH		18	2014Q1	03/21/14	9:55	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.1	0.5 U	0.5 U	5.8	0.5 U	0.5 U
CM-DPW-01	SH		18	2014Q3	09/05/14	14:28	0.5 U	3.79	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.08	1 U	5 U		5.55	0.5 U	0.5 U	41.44	1 U	0.5 U
CM-DPW-01	SH	DP	18	2015Q1	03/07/15	11:11	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.9	0.5 U	0.5 U	7.54	1 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-DPW-01	SH	D	18	2015Q1	03/07/15	11:11	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.82	0.5 U	0.5 U	7.74	1 U	0.5 U
CM-DPW-01	SH		18	2015Q3	09/10/15	18:11	0.5 U	0.94	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.47	0.5 U	0.5 U	13.28	1 U	0.5 U
CM-DPW-06	SH		23	2000Q3	09/07/00	0:00		120	10 U	10 U	11	10 U	10 U	10 U	10 U		10 U	50 U	10 U	50 U	10 U	130	10 U	50 U		430		10 U	2200	10 U	10 U
CM-DPW-06	SH		23	2000Q4	12/15/00	0:00		1020	50 U	50 U	50 U	50 U	50 U	50 U	50 U		50 U	250 U	50 U	250 U	388	50 U	50 U	250 U		984		50 U	7770	50 U	50 U
CM-DPW-06	SH		23	2001Q2	05/16/01	0:00		528	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	250 U	26.5	50 U	250 U		2640		25 U	4290	25 U	25 U
CM-DPW-06	SH		23	2001Q3	08/27/01	11:30	10 U	338	10 U	10 U	10.8	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	43.4	20 U	100 U		1560		10 U	3000	10 U	10 U
CM-DPW-06	SH		23	2001Q4	11/07/01	12:50	25 U	632	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	250 U	64	50 U	250 U		1710		25 U	4850	25 U	25 U
CM-DPW-06	SH		23	2002Q1	01/31/02	9:50	10 U	371	10 U	10 U	10.4	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	23	20 U	100 U		1530		10 U	1750	10 U	10 U
CM-DPW-06	SH		23	2002Q2	05/28/02	12:25	10 U	333	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	16.2	20 U	100 U		1320		10 U	2080	10 U	10 U
CM-DPW-06	SH		23	2002Q3	08/26/02	16:00	10 UJ	387 J	10 UJ	10 UJ	16.2 J	10 UJ	10 UJ	10 UJ	10 UJ		10 UJ	20 UJ	10 UJ	10 UJ	100 UJ	50 J	20 UJ	100 UJ		1150 J		10 UJ	2230 J	10 UJ	10 UJ
CM-DPW-06	SH		23	2002Q4	11/26/02	12:35	5 U	132	5 U	5 U	6.4	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	38.3	10 U	50 U		1190		5 U	1400	5 U	5 U
CM-DPW-06	SH		23	2003Q1	02/03/03	13:40	1 U	11.3	1 U	1 U	1.6	1 U	1 U	1 U	1 U		1 U	2 U	1 U	7.44	10 U	6.68	2 U	10 U		136		1 U	270	1 U	1 U
CM-DPW-06	SH		23	2003Q2	05/27/03	14:25	0.5 U	11.8	0.5 U	0.5 U	1.11	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.97	5 U	11.1	1 U	5 U		123		0.5 U	181	0.5 U	0.5 U
CM-DPW-06	SH		23	2003Q3	08/06/03	16:20	1 U	25.8	1 U	1 U	1.58	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	20.5	2 U	10 U		196		1 U	318	1 U	1 U
CM-DPW-06	SH		23	2003Q4	11/11/03	15:35	0.5 U	3.43	0.5 U	0.5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.86	5 U	4.6	1 U	5 U		44.3		0.5 U	149	0.5 U	0.5 U
CM-DPW-06	SH		23	2004Q1	01/29/04	12:50	2.5 U	7.2	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	4.25	5 U	25 U		489		2.5 U	303	2.5 U	2.5 U
CM-DPW-06	SH		23	2004Q2	05/07/04	10:00	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	25 U	5 U	484	5 U	5 U	127	5 U	5 U
CM-DPW-06	SH		23	2004Q3	08/18/04	13:30	1 U	1.98 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1 U	10 U	1.64	2 U	10 U		202		1 U	53.8	1 U	1 U
CM-DPW-06	SH		23	2004Q4	11/15/04	10:55	2.5 U	2.55	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 UJ	2.5 U	2.5 U	25 U	2.5 U	5 U	25 U		626		2.5 U	101	2.5 U	2.5 U
CM-DPW-06	SH		23	2005Q1	02/02/05	13:32	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 UJ	2.5 U	2.5 U	25 U	2.5 U	5 U	25 U		478		2.5 U	83.4	2.5 U	2.5 U
CM-DPW-06	SH		23	2005Q2	05/17/05	11:49	0.5 U	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	1 U	0.5 U	0.6	5 U	1.52	1 U	5 U		190		0.5 U	74.8	0.5 U	0.5 U
CM-DPW-06	SH		23	2005Q2	06/08/05	12:10	0.5 U	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	1 U	0.5 U	0.5 U	5 U	0.9	1 U	5 U		114		0.5 U	37.6	0.5 U	0.5 U
CM-DPW-06	SH		23	2005Q3	07/12/05	12:20	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	1 UJ	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		44.2		0.5 U	14.5	0.5 U	0.5 U
CM-DPW-06	SH		23	2005Q3	08/16/05	13:33	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		49.5		1 U	15	1 U	1 U
CM-DPW-06	SH		23	2005Q3	09/20/05	12:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		20		0.5 U	6.65	0.5 U	0.5 U
CM-DPW-06	SH		23	2005Q4	11/17/05	9:50	0.5 U	0.54	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		54.7		0.5 U	12.6	0.5 U	0.5 U
CM-DPW-06	SH		23	2006Q3	09/12/06	11:10	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		13	0.5 U	0.5 U	7.54	0.5 U	0.5 U
CM-DPW-06	SH		23	2007Q1	02/11/07	15:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		12.2	0.5 U	0.5 U	9.3	0.5 U	0.5 U
CM-DPW-06	SH		23	2007Q3	09/14/07	15:18	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	15.6	1 U	1 U	11.5	1 U	1 U
CM-DPW-06	SH		23	2008Q1	02/28/08	12:59	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	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		10	1 U	0.5 U	9.26	0.5 U	0.5 U
CM-DPW-06	SH		23	2009Q1	04/03/09	11:02	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		8.5	0.5 U	0.5 U	17	0.5 U	0.5 U
CM-DPW-06	SH		23	2009Q3	09/22/09	15:40	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.2	0.5 U	0.5 U	8.1	0.5 U	0.5 U
CM-DPW-06	SH		23	2010Q1	03/23/10	11:30	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.2	0.5 U	0.5 U	5.2	0.5 U	0.5 U
CM-DPW-06	SH		23	2010Q3	09/24/10	17:33	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.3	0.5 U	0.5 U	3.3	0.5 U	0.5 U
CM-DPW-06	SH	DP	23	2011Q1	03/21/11	17:35	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.89	0.5 U	0.5 U	2.1	0.5 U	0.5 U
CM-DPW-06	SH	D	23	2011Q1	03/21/11	17:35	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.9	0.5 U	0.5 U	2.1	0.5 U	0.5 U
CM-DPW-06	SH		23	2011Q3	09/20/11	11:34	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.03	0.5 U	0.5 U	2.82	0.5 U	0.5 U
CM-DPW-06	SH		23	2012Q1	03/26/12	13:33	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.7 J	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-DPW-06	SH		23	2012Q3	09/11/12	13:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.5	0.5 U	0.5 U	3.6	0.5 U	0.5 U
CM-DPW-06	SH		23	2013Q1	03/18/13	14:04	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.5	0.5 U	0.5 U	3.9	0.5 U	0.5 U
CM-DPW-06	SH		23	2013Q3	09/20/13	13:35	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	4.6	0.5 U	0.5 U
CM-DPW-06	SH		23	2014Q1	03/21/14	10:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.9	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-DPW-06	SH	DP	23	2014Q3	09/05/14	13:06	0.5 U	0.79	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.55	0.5 U	0.5 U	5.74	1 U	0.5 U
CM-DPW-06	SH	D	23	2014Q3	09/05/14	13:06	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.84	0.5 U	0.5 U	7.03	1 U	0.5 U
CM-DPW-06	SH		23	2015Q1	03/07/15	10:17	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.92	0.5 U	0.5 U	2.32	1 U	0.5 U
CM-DPW-06	SH		23	2015Q3	09/25/15	10:35	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.05	0.5 U	0.5 U	5.07	1 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-DPW-10	SH		23	2000Q3	09/07/00	0:00		42	5 U	5 U	2.7	5 U	5 U	5 U	5 U		5 U	25 U	5 U	25 U	5 U	15	5 U	25 U		97		5 U	450	5 U	5 U
CM-DPW-10	SH		23	2000Q4	12/15/00	0:00		116	50 U	50 U	50 U	50 U	50 U	50 U	50 U		50 U	250 U	50 U	250 U	50 U	50 U	50 U	250 U		390		50 U	2790	50 U	50 U
CM-DPW-10	SH		23	2002Q3	08/26/02	15:00	1 UJ	24.7 J	1 UJ	1 UJ	1.48 J	1 UJ	1 UJ	1 UJ	1 UJ		1 UJ	2 UJ	1 UJ	1.06 J	10 UJ	18.3 J	2 UJ	10 UJ		102 J		1 UJ	238 J	1 UJ	1 UJ
CM-DPW-10	SH		23	2002Q4	11/26/02	14:35	2.5 U	23.3	2.5 U	2.5 U	3.4	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	3.65	25 U	11	5 U	25 U		162		2.5 U	633	2.5 U	2.5 U
CM-DPW-10	SH		23	2003Q1	02/03/03	11:40	1 U	3.98	1 U	1 U	1.26	1 U	1 U	1 U	1 U		1 U	2 U	1 U	5.8	10 U	5.22	2 U	10 U		35.1		1 U	179	1 U	1 U
CM-DPW-10	SH		23	2003Q2	05/27/03	15:40	0.5 U	3.47	0.5 U	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.44	5 U	3.27	1 U	5 U		30.7		0.5 U	119	0.5 U	0.5 U
CM-DPW-10	SH		23	2003Q3	08/06/03	15:50	0.5 U	2.31	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 U	0.5 U	0.96	5 U	2.44	1 U	5 U		24.8		0.5 U	91.3	0.5 U	0.5 U
CM-DPW-10	SH		23	2003Q4	11/11/03	14:55	0.5 U	1.44	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 U	0.5 U	0.69	5 U	2.58	1 U	5 U		20.5		0.5 U	108	0.5 U	0.5 U
CM-DPW-10	SH		23	2004Q1	01/29/04	14:10	1 U	2.62	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1.58	10 U	4	2 U	10 U		56.8		1 U	194	1 U	1 U
CM-DPW-10	SH		23	2004Q2	05/07/04	10:55	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1.97	1 U	1 U	5.29	1 U	1 U
CM-DPW-10	SH		23	2004Q3	08/18/04	13:15	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	1 UJ	0.5 U	0.5 U	5 U	0.57	1 U	5 U		10.9		0.5 U	22.9	0.5 U	0.5 U
CM-DPW-10	SH	DP	23	2004Q4	11/16/04	9:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.45		0.5 U	3.38	0.5 U	0.5 U
CM-DPW-10	SH	D	23	2004Q4	11/16/04	9:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.39		0.5 U	3.48	0.5 U	0.5 U
CM-DPW-10	SH		23	2005Q1	02/02/05	13:00	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	1 UJ	0.5 U	0.5 U	5 U	0.58	1 U	5 U		43.4		0.5 U	23.2	0.5 U	0.5 U
CM-DPW-10	SH		23	2005Q2	05/18/05	14:32	0.5 U	0.88 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	1.01	1 U	5 U		44.4		0.5 U	39.9 J	0.5 U	0.5 U
CM-DPW-10	SH		23	2005Q3	08/16/05	13:10	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		4.13		1 U	4.52	1 U	1 U
CM-DPW-10	SH		23	2005Q4	11/17/05	10:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		8.64		0.5 U	3.94	0.5 U	0.5 U
CM-DPW-10	SH		23	2006Q3	09/12/06	11:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.65	0.5 U	0.5 U	1.92	0.5 U	0.5 U
CM-DPW-10	SH		23	2007Q1	02/11/07	15:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.36	0.5 U	0.5 U	4.51	0.5 U	0.5 U
CM-DPW-10	SH		23	2007Q3	09/18/07	17:13	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.22	0.5 U	0.5 U	1.66	0.5 U	0.5 U
CM-DPW-10	SH		23	2008Q1	02/28/08	13:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.85	0.5 U	0.5 U	5.01	0.5 U	0.5 U
CM-DPW-10	SH		23	2009Q1	04/03/09	11:52	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		5.1	0.5 U	0.5 U	20	0.5 U	0.5 U
CM-DPW-10	SH		23	2009Q3	09/22/09	15:58	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3	0.5 U	0.5 U	9.3	0.5 U	0.5 U
CM-DPW-10	SH		23	2010Q1	03/23/10	12:12	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.9	0.5 U	0.5 U	5.2	0.5 U	0.5 U
CM-DPW-10	SH		23	2010Q3	09/28/10	17:40	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.4	0.5 U	0.5 U	4.1	0.5 U	0.5 U
CM-DPW-10	SH		23	2011Q1	03/22/11	12:23	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.75	0.5 U	0.5 U	1.7	0.5 U	0.5 U
CM-DPW-10	SH		23	2011Q3	09/20/11	12:54	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.94	0.5 U	0.5 U	2.47	0.5 U	0.5 U
CM-DPW-10	SH	DP	23	2012Q1	03/26/12	12:33	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.59 J	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-DPW-10	SH	D	23	2012Q1	03/26/12	12:33	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.63 J	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-DPW-10	SH		23	2012Q3	09/11/12	12:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	3.2	0.5 U	0.5 U
CM-DPW-10	SH		23	2013Q1	03/18/13	13:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.92	0.9	0.5 U	2.6	0.5 U	0.5 U
CM-DPW-10	SH		23	2013Q3	09/20/13	13:05	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.88	0.5 U	0.5 U	2.7	0.5 U	0.5 U
CM-DPW-10	SH		23	2014Q1	03/21/14	11:41	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.72	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-DPW-10	SH		23	2014Q3	09/05/14	14:56	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.12	0.5 U	0.5 U	3.65	1 U	0.5 U
CM-DPW-10	SH		23	2015Q1	03/07/15	10:43	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.72	0.5 U	0.5 U	1.72	1 U	0.5 U
CM-DPW-10	SH		23	2015Q3	09/10/15	17:36	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.78	0.5 U	0.5 U	2.27	1 U	0.5 U
CM-DPW-16	SH		22.5	2002Q3	08/26/02	15:30	2.5 UJ	133 J	2.5 UJ	2.5 UJ	4.35 J	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ		2.5 UJ	5 UJ	2.5 UJ	3.8 J	25 UJ	17.6 J	5 UJ	25 UJ		497 J		2.5 UJ	786 J	2.5 UJ	2.5 UJ
CM-DPW-16	SH		22.5	2002Q4	11/26/02	13:35	5 U	153	5 U	5 U	7.5	5 U	5 U	5 U	5 U		5 U	10 U	5 U	7.5	50 U	19.6	10 U	50 U		1360		5 U	1710	5 U	5 U
CM-DPW-16	SH		22.5	2003Q1	02/03/03	12:40	1 U	5.56	1 U	1 U	1.22	1 U	1 U	1 U	1 U		1 U	2 U	1 U	7.42	10 U	5.52	2 U	10 U		52		1 U	191	1 U	1 U
CM-DPW-16	SH		22.5	2003Q2	05/27/03	15:05	1 U	9.42	1 U	1 U	1.68	1 U	1 U	1 U	1 U		1 U	2 U	1 U	4.16	10 U	8.48	2 U	10 U		83.6		1 U	279	1 U	1 U
CM-DPW-16	SH		22.5	2003Q3	08/06/03	17:00	1 U	9.26	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1.7	10 U	8.46	2 U	10 U		122		1 U	222	1 U	1 U
CM-DPW-16	SH		22.5	2003Q4	11/11/03	16:10	2.5 U	10.9	2.5 U	2.5 U	3.6	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	3.15	25 U	13.6	5 U	25 U		256		2.5 U	581	2.5 U	2.5 U
CM-DPW-16	SH		22.5	2004Q1	01/29/04	13:25	2.5 U	9.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	3.65	25 U	8.35	5 U	25 U		434		2.5 U	431	2.5 U	2.5 U
CM-DPW-16	SH		22.5	2004Q2	05/07/04	9:30	2 U	3.32	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	4	2 U	10 U	2 U	198	2 U	2 U	130	2 U	2 U
CM-DPW-16	SH		22.5	2004Q3	07/14/04	12:05	0.5 U	1.94	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 U	0.5 U	0.5 U	5 U	3.04	1 U	5 U		157		0.5 U	70.8	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2004Q3	08/18/04	12:30	0.5 U	1.63 J	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 UJ	0.5 U	0.5 U	5 U	1.63	1 U	5 U		147		0.5 U	69.8	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-DPW-16	SH		22.5	2004Q4	10/01/04	10:15	2.5 U	3.2	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 UJ	3.2	5 U	25 U		354		2.5 U	134	2.5 U	2.5 U
CM-DPW-16	SH		22.5	2004Q4	10/26/04	11:35	1 U	2.42	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	2.12	2 U	10 U		349		1 U	98.1	1 U	1 U
CM-DPW-16	SH		22.5	2004Q4	11/15/04	11:45	2.5 U	2.75	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 UJ	2.5 U	2.5 U	25 U	2.5 U	5 U	25 U		551		2.5 U	113	2.5 U	2.5 U
CM-DPW-16	SH		22.5	2005Q1	01/18/05	12:25	1 U	2.38	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	2.62	2 U	10 U		397		1 U	112	1 U	1 U
CM-DPW-16	SH		22.5	2005Q1	02/02/05	14:03	1 U	2.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1 U	10 U	2.5	2 U	10 U		373		1 U	118	1 U	1 U
CM-DPW-16	SH		22.5	2005Q2	04/14/05	9:05	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		0.5 U	1 UJ	0.5 U	0.5 U	5 U	1.21	1 U	5 U		162		0.5 U	48.2	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2005Q2	05/17/05	12:23	0.5 U	2.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.81	5 U	2.03	1 U	5 U		157		0.5 U	99.6	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2005Q2	06/08/05	11:45	0.5 U	1.74	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 U	0.5 U	0.71	5 U	2.06	1 U	5 U		151		0.5 U	81.1	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2005Q3	07/12/05	12:00	0.5 U	1.14	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 UJ	0.5 U	0.5 U	5 UJ	1.29	1 U	5 U		158		0.5 U	54.5	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2005Q3	08/16/05	13:50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		105		5 U	29.7	5 U	5 U
CM-DPW-16	SH		22.5	2005Q3	09/21/05	10:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		16.6		0.5 U	4.26	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2005Q4	11/17/05	10:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		34.4		0.5 U	9	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2006Q3	09/12/06	10:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		11	0.5 U	0.5 U	7.8	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2007Q1	02/11/07	15:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		14.1	0.5 U	0.5 U	14.2	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2007Q3	09/18/07	16:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		6.05	0.5 U	0.5 U	6.59	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2008Q1	02/28/08	13:43	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	1 U	0.5 U	0.5 U	5 U	0.58	1 U	5 U		11.4	0.5 U	0.5 U	19.1	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2008Q3	09/19/08	15:01	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	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	7.2	0.5 U	0.5 U	14	0.5 U	
CM-DPW-16	SH		22.5	2009Q1	04/03/09	12:37	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	0.5 U	0.61	0.5 U	0.66	0.5 U	2 U		8.4	0.5 U	0.5 U	28	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2009Q3	09/22/09	16:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3	0.5 U	0.5 U	8.5	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2010Q1	03/23/10	11:55	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.8	0.5 U	0.5 U	4.5	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2010Q3	09/24/10	18:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.2	0.5 U	0.5 U	3	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2011Q1	03/21/11	18:25	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.79	0.5 U	0.5 U	1.7	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2011Q3	09/20/11	10:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.88	0.5 U	0.5 U	2.12	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2012Q1	03/26/12	13:57	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.61 J	0.5 U	0.5 U	1.3	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2012Q3	09/11/12	14:03	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	2.9	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2013Q1	03/18/13	14:23	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.86	0.5 U	0.5 U	2.2	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2013Q3	09/20/13	14:03	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.67	0.5 U	0.5 U	1.7	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2014Q1	03/21/14	11:02	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.65	0.5 U	0.5 U	0.98	0.5 U	0.5 U
CM-DPW-16	SH		22.5	2014Q3	09/05/14	13:40	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.87	0.5 U	0.5 U	2.31	1 U	0.5 U
CM-DPW-16	SH		22.5	2015Q1	03/07/15	9:49	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.56	0.5 U	0.5 U	0.92	1 U	0.5 U
CM-DPW-16	SH		22.5	2015Q3	09/25/15	11:05	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.54	0.5 U	0.5 U	1.3	1 U	0.5 U
CM-MW-01d	SH		40	2001Q2	05/17/01	0:00		4.85	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	14.7	5 U	25 U		94.4		2.5 U	473	2.5 U	2.5 U
CM-MW-01d	SH		40	2001Q3	08/27/01	15:25	5 U	10.5	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	29.3	10 U	50 U		242		5 U	993	5 U	5 U
CM-MW-01d	SH		40	2001Q4	11/09/01	10:15	5 U	12.3	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	32.3	10 U	50 U		219		5 U	1150	5 U	5 U
CM-MW-01d	SH		40	2002Q1	02/04/02	16:55	5 U	12.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	34.5	10 U	50 U		312		5 U	1230	5 U	5 U
CM-MW-01d	SH		40	2002Q2	05/28/02	14:20	0.5 U	1.46	0.5 U	0.83	0.69	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.92	1 U	5 U		2.95		0.5 U	13.3	0.5 U	0.5 U
CM-MW-01d	SH		40	2002Q3	08/20/02	15:45	2.5 U	9	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	30.4	5 U	25 U		218		2.5 U	907	2.5 U	2.5 U
CM-MW-01d	SH		40	2002Q4	11/26/02	16:10	5 U	26.9	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	30.9	10 U	50 U		341		5 U	1790	5 U	5 U
CM-MW-01d	SH		40	2003Q1	01/27/03	10:00	5 U	10.9	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	27.1	10 U	50 U		268		5 U	1010	5 U	5 U
CM-MW-01d	SH		40	2003Q2	05/22/03	10:05	5 U	13.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	29.5	10 U	50 U		264		5 U	1090	5 U	5 U
CM-MW-01d	SH		40	2003Q3	08/13/03	14:50	5 U	15	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	25.2	10 U	50 U		300		5 U	1330	5 U	5 U
CM-MW-01d	SH		40	2003Q4	11/12/03	8:40	5 U	25.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	27.5	10 U	50 U		388		5 U	1700	5 U	5 U
CM-MW-01d	SH		40	2004Q1	01/28/04	9:55	5 U	13.7	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	24.6	10 U	50 UJ		282		5 U	1190	5 U	5 U
CM-MW-01d	SH	DP	40	2004Q2	05/05/04	10:45	10 U	15.3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	17.9	10 U	50 U	10 U	257	10 U	10 U	1460	10 U	10 UJ
CM-MW-01d	SH	D	40	2004Q2	05/05/04	10:45	10 U	18	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	18.9	10 U	50 U	10 U	236	10 U	10 U	1460	10 U	10 UJ
CM-MW-01d	SH		40	2004Q3	08/19/04	12:20	5 U	15.7 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 UJ	5 U	5 U	50 UJ	15.4	10 U	50 U		233		5 U	1210	5 U	5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-01d	SH	DP	40	2004Q4	10/01/04	8:30	5 U	11.5	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 UJ	5 U	5 U	50 U	13.5	10 U	50 U		205		5 U	978	5 U	5 U
CM-MW-01d	SH	D	40	2004Q4	10/01/04	8:30	5 U	11.9	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	13.1	10 U	50 U		203		5 U	978	5 U	5 U
CM-MW-01d	SH		40	2004Q4	11/15/04	12:15	5 U	11.9	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 UJ	5 U	5 U	50 U	14.2	10 U	50 U		226		5 U	1060	5 U	5 U
CM-MW-01d	SH		40	2005Q1	02/02/05	11:40	5 U	10.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	13.6	10 U	50 U		222		5 U	971	5 U	5 U
CM-MW-01d	SH		40	2005Q2	05/16/05	14:18	2.5 U	10.6	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	12.1	5 U	25 U		192		2.5 U	897	2.5 U	2.5 U
CM-MW-01d	SH	DP	40	2005Q3	08/19/05	13:55	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U		187		20 U	788	20 U	20 U
CM-MW-01d	SH	D	40	2005Q3	08/19/05	13:55	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U		180		20 U	757	20 U	20 U
CM-MW-01d	SH		40	2005Q3	09/20/05	15:00	2.5 U	6.4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	8.95	5 U	25 U		155		2.5 U	543	2.5 U	2.5 U
CM-MW-01d	SH		40	2005Q4	11/14/05	13:03	2.5 U	4.8	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	6.7	5 U	25 U		107		2.5 U	446	2.5 U	2.5 U
CM-MW-01d	SH		40	2006Q2	06/08/06	14:20	2.5 U	5.3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.35	5 U	25 U		142	2.5 U	2.5 U	473	2.5 U	2.5 U
CM-MW-01d	SH	DP	40	2006Q3	09/12/06	19:10	2.5 U	4.8	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	7.85	5 U	25 U		124	2.5 U	2.5 U	470	2.5 U	2.5 U
CM-MW-01d	SH	D	40	2006Q3	09/12/06	19:10	2.5 U	5.25	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.25	5 U	25 U		132	2.5 U	2.5 U	499	2.5 U	2.5 U
CM-MW-01d	SH		40	2007Q1	02/10/07	14:15	2.5 U	4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.15	5 U	25 U		138	2.5 U	2.5 U	516	2.5 U	2.5 U
CM-MW-01d	SH		40	2007Q3	09/14/07	16:07	5 U	5.25	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	9.2	5 U	25 U	5 U	158	5 U	5 U	536	5 U	5 U
CM-MW-01d	SH		40	2008Q1	02/28/08	15:30	2.5 U	3.6	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.55	5 U	25 U		125	5 U	2.5 U	414	2.5 U	2.5 U
CM-MW-01d	SH		40	2008Q3	09/22/08	12:30	1 U	2.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.2	1 U	4 U		110	1 U	1 U	350	1 U	1 U
CM-MW-01d	SH		40	2008Q4	12/10/08	11:39	0.5 U	2.7	0.5 U	0.56	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	0.74	0.5 U	4.5	0.5 U	2 U		89	0.5 U	0.5 U	310	0.5 U	0.5 U
CM-MW-01d	SH		40	2009Q1	04/03/09	14:35	0.5 U	2.6	0.5 U	0.6	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	0.76	0.5 U	4.6	0.5 U	2 U		95	0.5 U	0.5 U	260	0.5 U	0.5 U
CM-MW-01d	SH		40	2009Q2	06/16/09	10:35	0.5 U	2	0.5 U	0.58	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	0.67	0.5 U	4.7	0.5 U	2 U		84	0.5 U	0.5 U	210	0.5 U	0.5 U
CM-MW-01d	SH	DP	40	2009Q3	09/22/09	14:00	0.5 U	0.74	0.5 U	0.52	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	5.8	0.5 U	2 U		61	0.5 U	0.5 U	94	0.5 U	0.5 U
CM-MW-01d	SH	D	40	2009Q3	09/22/09	14:00	0.5 U	0.89	0.5 U	0.57	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	5.9	0.5 U	2 U		67	0.5 U	0.5 U	110	0.5 U	0.5 U
CM-MW-01d	SH		40	2009Q4	12/14/09	15:35	0.5 U	0.65	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	0.5 U	3.7	0.5 U	2 U		47	0.5 U	0.5 U	79	0.5 U	0.5 U
CM-MW-01d	SH		40	2010Q1	03/23/10	10:33	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	0.5 U	0.5 U	0.5 U	2.4	0.5 U	2 U		32	0.5 U	0.5 U	59	0.5 U	0.5 U
CM-MW-01d	SH		40	2010Q2	06/17/10	13:20	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	0.5 U	0.5 U	0.5 U	1.5	0.5 U	2 U		20	0.5 U	0.5 U	34	0.5 U	0.5 U
CM-MW-01d	SH		40	2010Q3	09/29/10	10:30	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	0.5 U	0.5 U	0.5 U	1.6	0.5 U	2 U		21	0.5 U	0.5 U	33	0.5 U	0.5 U
CM-MW-01d	SH		40	2010Q4	12/09/10	12:33	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	0.5 U	0.5 U	0.5 U	1.4	0.5 U	2 U		17	0.5 U	0.5 U	26	0.5 U	0.5 U
CM-MW-01d	SH		40	2011Q1	03/22/11	13:30	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	0.5 U	0.5 U	0.5 U	0.92	0.5 U	2 U		12	0.5 U	0.5 U	18	0.5 U	0.5 U
CM-MW-01d	SH		40	2011Q2	06/07/11	15:36	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	0.5 U	0.5 U	0.5 U	0.57	0.5 U	2 U		8	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-01d	SH		40	2011Q3	09/15/11	15:23	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	1 U	0.5 U	0.5 U	5 U	0.87	1 U	5 U		10.1	0.5 U	0.5 U	11.8	0.5 U	0.5 U
CM-MW-01d	SH		40	2011Q4	12/07/11	12:29	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	1 U	0.5 U	0.5 U	5 U	2.15	1 U	5 U		8.45	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-01d	SH		40	2012Q1	03/23/12	14:30	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	1 U	0.5 U	0.5 U	5 U	1.7	1 U	5 U		6	0.5 U	0.5 U	8	0.5 U	0.5 U
CM-MW-01d	SH		40	2012Q2	06/19/12	14:15	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	1 U	0.5 U	0.5 U	5 U	1	1 U	5 U		6.8	0.5 U	0.5 U	7.6	0.5 U	0.5 U
CM-MW-01d	SH		40	2012Q3	09/10/12	12:25	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	1 U	0.5 U	0.5 U	5 U	0.99	1 U	5 U		5.1	0.5 U	0.5 U	6.3	0.5 U	0.5 U
CM-MW-01d	SH		40	2013Q1	03/08/13	14:34	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	1 U	0.5 U	0.5 U	5 U	0.75	1 U	5 U		6.4	0.5 U	0.5 U	7.2	0.5 U	0.5 U
CM-MW-01d	SH		40	2013Q3	09/27/13	9:25	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.61	1 U	5 U		4.5	0.5 U	0.5 U	5	0.5 U	0.5 U
CM-MW-01d	SH		40	2014Q1	03/21/14	11:50	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.1	0.5 U	0.5 U	4.4	0.5 U	0.5 U
CM-MW-01d	SH		40	2014Q3	09/12/14	9:22	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.97	0.5 U	0.5 U	3.09	1 U	0.5 U
CM-MW-01d	SH		40	2015Q1	03/07/15	13:27	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.12	0.5 U	0.5 U	3.25	1 U	0.5 U
CM-MW-01d	SH		40	2015Q3	09/04/15	15:10	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.17	0.5 U	0.5 U	2.73	1 U	0.5 U
CM-MW-01s	SH		20	1999Q4	10/20/99	0:00		2.86	1 U	1	0.99	1 U	1 U	1 U	1 U		1 U	10 U	1 U	1 U	10 U	1 U	5 U	1 U		6.73		1 U	102	1 U	1 U
CM-MW-01s	SH		20	2000Q3	07/17/00	0:00	1 U	1.78	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	6.58	1 U	1 U	73.1	1 U	1 U
CM-MW-01s	SH		20	2001Q1	02/07/01	0:00		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	1 U	1 U	5 U		3.86		1 U	61.5	1 U	1 U
CM-MW-01s	SH		20	2001Q2	05/16/01	0:00		1.77	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.11	1 U	5 U		8.71		0.5 U	143	0.5 U	0.5 U
CM-MW-01s	SH		20	2001Q3	08/27/01	12:50	0.5 U	1.35	0.5 U	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.86	1 U	5 U		7.09		0.5 U	77.6	0.5 U	0.5 U
CM-MW-01s	SH		20	2001Q4	11/07/01	10:30	0.5 U	1.48	0.5 U	0.5 U	0.75	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.73	5 U	1.45	1 U	5 U		7.03		0.5 U	80.6	0.5 U	0.5 U
CM-MW-01s	SH		20	2002Q1	01/30/02	9:10	0.5 U	0.54	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	6.96	5 U	5.96	1 U	5 U		5.96		0.5 U	15.9	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-01s	SH		20	2002Q2	05/29/02	10:05	0.5 U	0.75	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 U	0.5 U	7.99	5 U	3.67	1 U	5 U		5.8		0.5 U	33	0.5 U	0.5 U
CM-MW-01s	SH		20	2002Q3	08/20/02	13:40	0.5 U	0.66	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 U	0.5 U	1.34	5 U	0.84	1 U	5 U		3.8		0.5 U	36.1	0.5 U	0.5 U
CM-MW-01s	SH		20	2002Q4	11/22/02	15:05	0.5 U	1.02	0.5 U	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.05	5 U	1.19	1 U	5 U		5.83		0.5 U	68	0.5 U	0.5 U
CM-MW-01s	SH		20	2003Q2	05/20/03	11:45	0.5 U	1.13	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	4.44	5 U	1.92	1 U	5 U		6.93		0.5 U	66.6	0.5 U	0.5 U
CM-MW-01s	SH		20	2003Q4	11/11/03	12:20	0.5 U	1.21	0.5 U	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.56	5 U	0.62	1 U	5 U		6.34		0.5 U	75.2	0.5 U	0.5 U
CM-MW-01s	SH		20	2004Q2	05/04/04	12:25	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	4.63	1 U	1 U	48.4	1 U	1 U
CM-MW-01s	SH		20	2004Q3	07/15/04	7:30	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	1 U	0.5 U	0.73	5 UJ	0.5 U	1 U	5 U		4.59		0.5 U	38.2	0.5 U	0.5 U
CM-MW-01s	SH		20	2004Q4	10/26/04	8:05	0.5 U	1.07	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 UJ	0.5 U	0.5 U	5 U	0.92	1 U	5 U		10.3		0.5 U	95.9	0.5 U	0.5 U
CM-MW-01s	SH		20	2004Q4	11/15/04	14:00	0.5 U	1.04	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 U	0.5 U	0.5 U	5 U	0.76	1 U	5 U		10.5		0.5 U	93	0.5 U	0.5 U
CM-MW-01s	SH		20	2005Q1	01/19/05	7:40	1 U	2.28	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	2.34	2 U	10 U		27.6		1 U	215	1 U	1 U
CM-MW-01s	SH	DP	20	2005Q2	04/15/05	16:30	1 U	2.46	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1 U	10 U	2.94	2 U	10 U		32.9		1 U	233	1 U	1 U
CM-MW-01s	SH	D	20	2005Q2	04/15/05	16:30	1 U	2.54	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1.04	10 U	3.02	2 U	10 U		33.4		1 U	240	1 U	1 U
CM-MW-01s	SH		20	2005Q2	05/16/05	15:06	1 U	4.22	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1.98	10 U	4.02	2 U	10 U		82.7		1 U	314	1 U	1 U
CM-MW-01s	SH		20	2005Q2	06/06/05	12:45	1 U	3.08	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1.28	10 U	3.5	2 U	10 U		49.3		1 U	276	1 U	1 U
CM-MW-01s	SH		20	2005Q3	07/12/05	14:15	0.5 U	1.16	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 UJ	0.5 U	0.62	5 UJ	1.5	1 U	5 U		17.4		0.5 U	119	0.5 U	0.5 U
CM-MW-01s	SH		20	2005Q3	08/23/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		10.5		1 U	73.2	1 U	1 U
CM-MW-01s	SH		20	2005Q3	09/20/05	13:25	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	1 U	0.5 U	0.5 U	5 U	0.51	1 U	5 U		9.45		0.5 U	51	0.5 U	0.5 U
CM-MW-01s	SH		20	2005Q4	11/15/05	8:30	0.5 U	0.86	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 U	0.5 U	0.5 U	5 U	1.33	1 U	5 U		18		0.5 U	107	0.5 U	0.5 U
CM-MW-01s	SH		20	2006Q2	06/06/06	18:35	0.5 U	1.48	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	1 U	0.5 U	1.45	5 U	2.31	1 U	5 U		32.7	0.5 U	0.5 U	130	0.5 U	0.5 U
CM-MW-01s	SH		20	2007Q1	02/10/07	13:18	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	1 U	0.5 U	0.5 U	5 U	0.54	1 U	5 U		10.5	0.5 U	0.5 U	48.6	0.5 U	0.5 U
CM-MW-01s	SH		20	2007Q3	09/13/07	18:54	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	5.8	1 U	1 U	26	1 U	1 U
CM-MW-01s	SH		20	2007Q4	12/10/07	11:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.38	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-01s	SH		20	2008Q1	02/29/08	15:47	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	1 U	0.5 U	0.5 U	5 U	0.93	1 U	5 U		9.66	0.5 U	0.5 U	52.4	0.5 U	0.5 U
CM-MW-01s	SH		20	2008Q2	06/18/08	15:35	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	1 U	0.5 U	1.17	5 U	0.94	1 U	5 U		10.2	0.5 U	0.5 U	38.1	0.5 U	0.5 U
CM-MW-01s	SH		20	2008Q3	09/19/08	14:18	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	0.5 U	0.5 U	0.63	0.5 U	2 U	2 U	7.8	0.5 U	0.5 U	46	0.5 U	
CM-MW-01s	SH		20	2008Q4	12/10/08	12:15	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	0.5 U	0.5 U	0.5 U	0.66	0.5 U	2 U		7.4	0.5 U	0.5 U	50	0.5 U	0.5 U
CM-MW-01s	SH		20	2009Q1	04/16/09	10:25	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	0.5 U	0.75	0.5 U	0.79	0.5 U	2 U		9.5 J	0.5 U	0.5 U	36	0.5 U	0.5 U
CM-MW-01s	SH		20	2009Q2	06/18/09	14:25	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	0.5 U	0.69	0.5 U	0.7	0.5 U	2 U		5.8	0.5 U	0.5 U	35	0.5 U	0.5 U
CM-MW-01s	SH		20	2009Q3	09/21/09	11:30	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		5.9	0.5 U	0.5 U	26	0.5 U	0.5 U
CM-MW-01s	SH		20	2009Q4	12/15/09	10:25	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.4	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-01s	SH		20	2010Q1	03/19/10	13:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.7	0.5 U	0.5 U	15	0.5 U	0.5 U
CM-MW-01s	SH		20	2010Q2	06/18/10	8:05	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.97	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-MW-01s	SH		20	2010Q3	09/24/10	15:25	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.6	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-01s	SH	DP	20	2010Q4	12/10/10	14:57	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.1	0.5 U	0.5 U	2.9	0.5 U	0.5 U
CM-MW-01s	SH	D	20	2010Q4	12/10/10	14:57	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.1	0.5 U	0.5 U	3	0.5 U	0.5 U
CM-MW-01s	SH		20	2011Q1	03/18/11	16:01	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1	0.5 U	0.5 U	1.8	0.5 U	0.5 U
CM-MW-01s	SH		20	2011Q3	09/16/11	16:31	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.56	0.5 U	0.5 U	5.58	0.5 U	0.5 U
CM-MW-01s	SH		20	2012Q1	03/23/12	17:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.79 J	0.5 U	0.5 U	1.1	0.5 U	0.5 U
CM-MW-01s	SH		20	2012Q3	09/07/12	13:02	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.5	0.5 U	0.5 U	5	0.5 U	0.5 U
CM-MW-01s	SH		20	2013Q1	03/15/13	16:13	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.9	0.5 U	0.5 U	5.9	0.5 U	0.5 U
CM-MW-01s	SH		20	2013Q3	09/27/13	12:50	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	4.5	0.5 U	0.5 U
CM-MW-01s	SH		20	2014Q1	03/21/14	16:49	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.61	0.5 U	0.5 U	0.53	0.5 U	0.5 U
CM-MW-01s	SH		20	2014Q3	09/12/14	11:38	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1	0.5 U	0.5 U	2.56	1 U	0.5 U
CM-MW-01s	SH		20	2015Q1	03/07/15	11:57	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1	0.5 U	0.5 U	2.4	1 U	0.5 U
CM-MW-01s	SH		20	2015Q3	09/04/15	18:01	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.09	0.5 U	0.5 U	3.14	1 U	0.5 U
CM-MW-02s	SH		15	1999Q4	10/20/99	0:00		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	10 U	1 U	1 U	10 U	1 U	5 U	1 U		0.52		1 U	1 U	1 U	1 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-02s	SH		15	1999Q4	11/16/99	0:00	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	5 U	1 U	5 U	1 U	1 U	0.88	1 U	1 U	2.11	1 U	1 U
CM-MW-02s	SH		15	2000Q3	07/17/00	0:00	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CM-MW-02s	SH		15	2001Q1	02/07/01	0:00		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	1 U	1 U	5 U		1 U		1 U	1 U	1 U	1 U
CM-MW-02s	SH		15	2001Q2	05/16/01	0:00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2001Q3	08/28/01	9:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2001Q4	11/07/01	15:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.8		0.5 U	0.92	0.5 U	0.5 U
CM-MW-02s	SH		15	2002Q1	01/30/02	10:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2002Q2	05/29/02	11:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2002Q3	08/20/02	17:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2003Q1	02/06/03	9:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2003Q3	08/08/03	15:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2004Q1	01/29/04	9:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2004Q3	08/18/04	10:45	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2004Q4	11/16/04	10:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2005Q1	02/01/05	13:13	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2005Q2	04/14/05	14:00	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2005Q4	11/15/05	9:24	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2007Q1	02/12/07	15:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2008Q1	03/03/08	12:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2009Q1	04/01/09	12:25	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	0.5 U	0.5 U	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
CM-MW-02s	SH		15	2009Q3	09/18/09	10:45	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	0.5 U	0.5 U	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
CM-MW-02s	SH		15	2010Q1	03/18/10	14:35	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	0.5 U	0.5 U	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
CM-MW-02s	SH		15	2011Q1	03/18/11	18:02	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	0.5 U	0.5 U	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
CM-MW-02s	SH		15	2012Q1	03/26/12	11:26	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2013Q1	03/12/13	15:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2014Q1	03/27/14	17:41	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-02s	SH		15	2015Q1	03/19/15	11:05	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-03s	SH		20	1999Q4	10/20/99	0:00		19	2 U	3.6	2 U	2 U	2 U	2 U	2 U		2 U	20 U	2 U	2 U	20 U	6.1	10 U	2 U		94		2 U	440	2 U	2 U
CM-MW-03s	SH		20	2000Q3	07/17/00	0:00	2 U	25	2 U	2 U	3.1	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	3.6	2 U	10 U	2 U	110	2 U	2 U	410	2 U	2 U
CM-MW-03s	SH		20	2001Q1	02/07/01	0:00		216	1.87	1.94	27.4	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	29.1	1 U	5 U		668		1 U	5240	1 U	1 U
CM-MW-03s	SH		20	2001Q2	05/16/01	0:00		64.8	10 U	10 U	12.8	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	16	20 U	100 U		353		10 U	2250	10 U	10 U
CM-MW-03s	SH		20	2001Q3	08/27/01	12:20	2.5 U	16.4	2.5 U	2.5 U	5.3	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	6.9	5 U	25 U		122		2.5 U	605	2.5 U	2.5 U
CM-MW-03s	SH		20	2001Q4	11/07/01	14:15	5 U	22.8	5 U	5 U	10.1	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	16.5	10 U	50 U		150		5 U	1240	5 U	5 U
CM-MW-03s	SH		20	2002Q1	01/30/02	10:05	5 U	25.4	5 U	5 U	12.2	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	19.6	10 U	50 U		176		5 U	1410	5 U	5 U
CM-MW-03s	SH		20	2002Q2	05/29/02	11:15	2.5 U	9.2	2.5 U	2.5 U	3.5	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	3.85	25 U	8.1	5 U	25 U		66.6		2.5 U	462	2.5 U	2.5 U
CM-MW-03s	SH		20	2002Q3	08/20/02	16:15	1 U	5.34	1 U	1 U	1.56	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	4.42	2 U	10 U		47.5		1 U	252	1 U	1 U
CM-MW-03s	SH		20	2003Q1	01/27/03	17:00	2.5 U	20.2	2.5 U	2.5 U	4.8	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	8	25 U	10.6	5 U	25 U		148		2.5 U	776	2.5 U	2.5 U
CM-MW-03s	SH	DP	20	2003Q3	08/08/03	15:45	0.5 U	2.98	0.5 U	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.62	5 U	2.57	1 U	5 U		33.7		0.5 U	125	0.5 U	0.5 U
CM-MW-03s	SH	D	20	2003Q3	08/08/03	15:45	0.5 U	3.12	0.5 U	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.6	5 U	2.48	1 U	5 U		33.4		0.5 U	127	0.5 U	0.5 U
CM-MW-03s	SH		20	2004Q1	01/29/04	15:50	0.5 U	2.3 J	0.5 U	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.89	5 U	4.04	1 U	5 UJ		28.3		0.5 U	197	0.5 U	0.5 U
CM-MW-03s	SH		20	2004Q3	07/15/04	10:10	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	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		2.25		0.5 U	8.62	0.5 U	0.5 U
CM-MW-03s	SH		20	2004Q3	08/18/04	14:15	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.37		0.5 U	14	0.5 U	0.5 U
CM-MW-03s	SH		20	2004Q4	10/26/04	10:00	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.73		0.5 U	3.01	0.5 U	0.5 U
CM-MW-03s	SH		20	2004Q4	11/15/04	13:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.27		0.5 U	6.01	0.5 U	0.5 U
CM-MW-03s	SH		20	2005Q1	01/20/05	9:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		6.15		0.5 U	15.7	0.5 U	0.5 U
CM-MW-03s	SH		20	2005Q1	02/01/05	14:12	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.37		0.5 U	3.06	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-03s	SH		20	2005Q2	04/14/05	9:45	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.12		0.5 U	6.68	0.5 U	0.5 U
CM-MW-03s	SH		20	2005Q2	05/17/05	9:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		9.55		0.5 U	17	0.5 U	0.5 U
CM-MW-03s	SH		20	2005Q3	08/18/05	15:40	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1.43		1 U	2.7	1 U	1 U
CM-MW-03s	SH		20	2005Q4	11/15/05	9:02	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		5.67		0.5 U	6.54	0.5 U	0.5 U
CM-MW-03s	SH		20	2006Q2	06/06/06	17:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.79	0.5 U	0.5 U	3.41	0.5 U	0.5 U
CM-MW-03s	SH		20	2006Q3	09/09/06	15:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.23	0.5 U	0.5 U	2.91	0.5 U	0.5 U
CM-MW-03s	SH		20	2007Q1	02/10/07	12:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.06	0.5 U	0.5 U	2.06	0.5 U	0.5 U
CM-MW-03s	SH		20	2007Q3	09/18/07	12:37	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.04	0.5 U	0.5 U	2.35	0.5 U	0.5 U
CM-MW-03s	SH		20	2007Q4	12/12/07	14:30	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	0.52 J	1 UJ	5 UJ		5.43 J	0.5 UJ	0.5 UJ	11.5 J	0.5 UJ	0.5 UJ
CM-MW-03s	SH		20	2008Q1	03/08/08	13:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.97	0.5 U	0.5 U	4.1	0.5 U	0.5 U
CM-MW-03s	SH		20	2008Q2	06/18/08	15:55	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	1 U	0.5 U	0.7	5 U	0.94	1 U	5 U		8.38	0.5 U	0.5 U	32	0.5 U	0.5 U
CM-MW-03s	SH		20	2008Q3	09/19/08	15:55	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	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	2.2	0.5 U	0.5 U	5.8	0.5 U	
CM-MW-03s	SH		20	2008Q4	12/10/08	11:00	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.3	0.5 U	0.5 U	8.1	0.5 U	0.5 U
CM-MW-03s	SH		20	2009Q1	04/01/09	13:52	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		4.5	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-03s	SH		20	2009Q3	09/18/09	11:48	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.3	0.5 U	0.5 U	6.6	0.5 U	0.5 U
CM-MW-03s	SH		20	2010Q1	03/19/10	13:35	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.1	0.5 U	0.5 U	6.1	0.5 U	0.5 U
CM-MW-03s	SH		20	2010Q3	09/24/10	14:52	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.3	0.5 U	0.5 U	3.9	0.5 U	0.5 U
CM-MW-03s	SH		20	2011Q1	03/18/11	17:26	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.1	0.5 U	0.5 U	3.3	0.5 U	0.5 U
CM-MW-03s	SH		20	2011Q3	09/16/11	15:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.85	0.5 U	0.5 U	1.93	0.5 U	0.5 U
CM-MW-03s	SH		20	2012Q1	03/23/12	17:27	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.79 J	0.5 U	0.5 U	1.8	0.5 U	0.5 U
CM-MW-03s	SH		20	2012Q3	09/07/12	14:37	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.94	0.5 U	0.5 U	2.1	0.5 U	0.5 U
CM-MW-03s	SH		20	2013Q1	03/22/13	11:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	2.6	0.5 U	0.5 U
CM-MW-03s	SH		20	2013Q3	09/26/13	16:42	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	2.6	0.5 U	0.5 U
CM-MW-03s	SH		20	2014Q1	03/21/14	12:27	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.69	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-MW-03s	SH		20	2014Q3	09/05/14	15:31	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.98	0.5 U	0.5 U	2.5	1 U	0.5 U
CM-MW-03s	SH		20	2015Q1	03/06/15	15:20	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.9	0.5 U	0.5 U	2.14	1 UJ	0.5 U
CM-MW-03s	SH		20	2015Q3	09/04/15	14:31	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.92	0.5 U	0.5 U	2.8	1 U	0.5 U
CM-MW-04s	SH	DP	22.5	1999Q4	10/20/99	0:00		53	10 U	10 U	7.4	10 U	10 U	10 U	10 U		10 U	100 U	10 U	10 U	100 U	11	50 U	10 U		130		10 U	1700	10 U	10 U
CM-MW-04s	SH	D	22.5	1999Q4	10/20/99	0:00		55	10 U	10 U	7.2	10 U	10 U	10 U	10 U		10 U	100 U	10 U	10 U	100 U	8.4	50 U	10 U		120		10 U	1600	10 U	10 U
CM-MW-04s	SH		22.5	1999Q4	11/16/99	0:00	1 U	37.7	1 U	0.58	4.81	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	5 U	8.41	5 U	0.7	1 U	92.4	1 U	1 U	1200	1 U	1 U
CM-MW-04s	SH		22.5	2000Q3	07/17/00	0:00	5 U	22	5 U	5 U	3.6	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	25 U	5 U	8.8	5 U	25 U	5 U	54	5 U	5 U	620	5 U	5 U
CM-MW-04s	SH		22.5	2001Q1	02/08/01	0:00		12.1	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	25 U	5 U	25 U	25 U	7.2	5 U	25 U		12.2		5 U	254	5 U	5 U
CM-MW-04s	SH		22.5	2001Q2	05/16/01	0:00		6.68	1 U	1 U	1.26	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	6.34	2 U	10 U		25.7		1 U	273	1 U	1 U
CM-MW-04s	SH		22.5	2001Q3	08/28/01	13:45	0.5 U	3.55	0.5 U	0.59	0.76	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.98	1 U	5 U		14.4		0.5 U	145	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2001Q4	11/08/01	15:40	0.5 U	3.97	0.5 U	0.71	1.01	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.56	1 U	5 U		22.1		0.5 U	165	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2002Q1	01/29/02	12:30	0.5 U	2.88	0.5 U	1.03	0.85	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5	5 U	10.9	1 U	5 U		23.2		0.5 U	140	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2002Q2	05/30/02	15:10	1 U	3.6	1 U	1.16	1.04	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1.12	10 U	11.4	2 U	10 U		31.4		1 U	156	1 U	1 U
CM-MW-04s	SH		22.5	2002Q3	08/21/02	11:40	0.5 U	4.37	0.5 U	0.79	0.82	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.63	5 U	9.54	1 U	5 U		36.1		0.5 U	196	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2002Q4	11/21/02	18:15	1 U	6.16	1 U	1 U	1.2	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1.98	10 U	11.1	2 U	10 U		46.5		1 U	261	1 U	1 U
CM-MW-04s	SH		22.5	2003Q1	02/04/03	11:05	1 U	5.22	1 U	1.3	1.2	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1.88	10 U	16.2	2 U	10 U		67.8		1 U	169	1 U	1 U
CM-MW-04s	SH	DP	22.5	2003Q2	05/23/03	16:30	5 U	28.3	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	14.4	10 U	50 U		191		5 U	963	5 U	5 U
CM-MW-04s	SH	D	22.5	2003Q2	05/23/03	16:30	5 U	27.7	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	16.1	10 U	50 U		203		5 U	989	5 U	5 U
CM-MW-04s	SH		22.5	2003Q3	08/08/03	12:10	5 U	40.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	12.8	50 U	13	10 U	50 U		257		5 U	1500	5 U	5 U
CM-MW-04s	SH		22.5	2003Q4	11/10/03	16:40	2.5 U	12.6	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	9.3	5 U	25 U		88.8		2.5 U	464	2.5 U	2.5 U
CM-MW-04s	SH		22.5	2004Q1	01/26/04	13:40	1 U	9.62	1 U	1 U	1.08	1 U	1 U	1 U	1 U		1 U	2 U	1 U	2.26	10 U	11.9	2 U	10 UJ		100		1 U	379	1 U	1 U
CM-MW-04s	SH		22.5	2004Q2	05/05/04	14:15	5 U	11.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	8.4	5 U	25 U	5 U	97.6	5 U	5 U	488	5 U	5 UJ

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-04s	SH		22.5	2004Q3	08/16/04	13:45	1 U	13.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1.58	10 U	5.78	2 U	10 U		85		1 U	389	1 U	1 U
CM-MW-04s	SH	ASC	22.5	2004Q4	10/14/04	11:16	0.5 U	7.8 J	0.5 U	0.63	0.51	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.93	5 UJ	6.59	1 U	5 U		48.8		0.5 U	171	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2004Q4	10/15/04	11:15	0.5 U	8.23	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.01	5 UJ	6.76	1 U	5 U		54		0.5 U	186	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2004Q4	11/17/04	13:15	0.5 U	6.62	0.5 U	1.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.78	5 U	3.97	1 U	5 U		43.1		0.5 U	113	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2005Q1	02/02/05	14:50	0.5 U	5.23	0.5 U	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.21	1 U	5 U		32		0.5 U	78.4	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2005Q2	04/01/05	10:39	0.5 U	4.96 J	0.5 U	0.93	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		16.7		0.5 U	32.6	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2005Q2	05/26/05	10:29	0.5 U	5.13	0.5 U	1.01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		11.1		0.5 U	18.4	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2005Q3	08/24/05		1 U	2.88	1 U	2.87	2.22	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	6.67	1 U	1 U		1 U		1 U	4.05	1 U	1 U
CM-MW-04s	SH		22.5	2005Q4	11/11/05	13:15	0.5 U	2.28	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		8.11		0.5 U	12.4	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2006Q2	06/05/06	14:05	0.5 U	3.7	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2006Q3	09/06/06	15:00	0.5 U	1.63	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.34	0.5 U	0.5 U	7.37	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2007Q1	02/09/07	11:40	0.5 U	1.78	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.65	0.5 U	0.5 U	2.91	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2007Q3	09/19/07	14:27	0.5 U	1.19	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.85	0.5 U	0.5 U	3.66	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2007Q4	12/11/07	15:27	0.5 UJ	1.6 J	0.5 UJ	0.65 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	0.5 UJ	1 UJ	5 UJ		0.86 J	0.5 UJ	0.5 UJ	1.14 J	0.5 UJ	0.5 UJ
CM-MW-04s	SH		22.5	2008Q1	03/05/08	16:26	0.5 U	1.59	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.33	0.5 U	0.5 U	2.28	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2008Q2	06/18/08	13:15	0.5 U	1.82	0.5 U	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5	5 U	0.5 U	1 U	5 U		6.85	0.5 U	0.5 U	9.75	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2008Q3	09/18/08	14:59	0.5 U	1.4	0.5 U	0.58	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	0.5 U	2 U		3.5	0.5 U	0.5 U	5.3	0.5 U	0.5 U
CM-MW-04s	SH	DP	22.5	2008Q4	12/09/08	14:11	0.5 U	0.97	0.5 U	0.5	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	0.5 U	0.5 U	0.5 U	2 U		3.9	0.5 U	0.5 U	8	0.5 U	0.5 U
CM-MW-04s	SH	D	22.5	2008Q4	12/09/08	14:11	0.5 U	0.95	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	0.5 U	0.5 U	0.5 U	2 U		3.6	0.5 U	0.5 U	7.8	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2009Q1	03/30/09	13:47	0.5 U	1.4	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	0.65	0.5 U	0.62	0.5 U	2 U		10	0.5 U	0.5 U	23	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2009Q2	06/15/09	11:52	0.5 U	1.3	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	0.72	0.5 U	1.4	0.5 U	2 U		18	0.5 U	0.5 U	36	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2009Q4	12/15/09	10:58	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	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		5.3	0.5 U	0.5 U	5	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2010Q1	03/22/10	12:52	0.5 U	0.82	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	0.5 U	0.5 U	0.5 U	2 U		4	0.5 U	0.5 U	3.1	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2010Q2	06/15/10	12:54	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	0.5 U	0.5 U	0.5 U	1.2	0.5 U	2 U		5.3	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2010Q3	09/28/10	14:33	0.5 U	0.69	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	0.5 U	0.5 U	0.5 U	2 U		2.8	0.5 U	0.5 U	2.7	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2010Q4	12/08/10	14:30	0.5 U	0.72	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	0.5 U	0.5 U	0.5 U	2 U		4.1	0.5 U	0.5 U	5.3	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2011Q1	03/17/11	13:17	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	0.5 U	0.5 U	0.5 U	0.93	0.5 U	2 U		4.3	0.5 U	0.5 U	9.1	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2011Q3	09/19/11	15:17	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.55	0.5 U	0.5 U	3.69	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2012Q1	03/27/12	12:03	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	1 U	0.5 U	0.52 J	5 U	1.1	1 U	5 U		4.2	0.5 U	0.5 U	6.6	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2012Q3	09/06/12	14:02	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	1 U	0.5 U	0.5 U	5 U	0.73	1 U	5 U		2.8	0.5 U	0.5 U	4.5	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2013Q1	03/13/13	12:10	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	1 U	0.5 U	0.5 U	5 U	0.63	1 U	5 U		4.3	0.5 U	0.5 U	5.7	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2014Q1	03/26/14	13:59	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3	0.5 U	0.5 U	4.5	0.5 U	0.5 U
CM-MW-04s	SH		22.5	2015Q1	03/11/15	9:24	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.58	0.5 U	0.5 U	3.6	1 U	0.5 U
CM-MW-05s	SH		20	1999Q4	11/16/99	0:00	1 U	143	0.44	0.7	12.8	1 U	1 U	0.41	0.44	1 U	1 U	10 U	1 U	0.63	5 U	11.1	5 U	1 U	0.4	290	1 U	1 U	3300	1 U	1 U
CM-MW-05s	SH		20	2000Q3	07/17/00	0:00	20 U	120	20 U	20 U	9.4	20 U	20 U	20 U	20 U	20 U	20 U	100 U	20 U	100 U	20 U	11	20 U	100 U	20 U	330	20 U	20 U	3800	20 U	20 U
CM-MW-05s	SH		20	2001Q1	02/08/01	0:00		84	20 U	20 U	20 U	20 U	20 U	20 U	20 U		20 U	100 U	20 U	100 U	100 U	20 U	20 U	100 U		225		20 U	2900	20 U	20 U
CM-MW-05s	SH		20	2001Q2	05/16/01	0:00		120	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		463		25 U	5010	25 U	25 U
CM-MW-05s	SH		20	2001Q3	08/28/01	11:45	5 U	39.5	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	5.2	10 U	50 U		169		5 U	1420	5 U	5 U
CM-MW-05s	SH		20	2001Q4	11/07/01	18:20	10 U	61.6	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	13	20 U	100 U		289		10 U	2020	10 U	10 U
CM-MW-05s	SH		20	2002Q1	01/29/02	11:00	25 U	232	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		890		25 U	2990	25 U	25 U
CM-MW-05s	SH		20	2002Q2	05/30/02	12:55	10 U	268	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	12.8	20 U	100 U		1030		10 U	2600	10 U	10 U
CM-MW-05s	SH		20	2002Q3	08/22/02	11:20	5 U	93.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	12.7	10 U	50 U		340		5 U	1960	5 U	5 U
CM-MW-05s	SH	DP	20	2002Q4	11/21/02	15:30	2.5 U	41.4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	4.1	5 U	25 U		216		2.5 U	763	2.5 U	2.5 U
CM-MW-05s	SH	D	20	2002Q4	11/21/02	15:30	2.5 U	42.4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	3.9	5 U	25 U		191		2.5 U	697	2.5 U	2.5 U
CM-MW-05s	SH		20	2003Q1	02/04/03	13:15	10 U	79.2	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	11.8	20 U	100 U		871		10 U	1880	10 U	10 U
CM-MW-05s	SH		20	2003Q2	05/26/03	8:25	10 U	162	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	13.8	20 U	100 U		1180		10 U	2600	10 U	10 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-05s	SH		20	2003Q3	08/08/03	11:00	10 U	88.2	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	10.4	20 U	100 U		480		10 U	1930	10 U	10 U
CM-MW-05s	SH		20	2003Q4	11/10/03	16:55	2.5 U	21.8	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	2.9	5 U	25 U		287		2.5 U	522	2.5 U	2.5 U
CM-MW-05s	SH		20	2004Q1	01/27/04	12:05	25 U	117	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	250 UJ	25 U	50 U	250 U		1620		25 U	4780	25 U	25 U
CM-MW-05s	SH		20	2004Q2	05/05/04	11:35	2 U	11.8	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	10 U	2 U	172	2 U	2 U	220	2 U	2 UJ
CM-MW-05s	SH	DP	20	2004Q2	06/29/04	11:03	2.5 U	26	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	3.85	5 U	25 U		344		2.5 U	867	2.5 U	2.5 U
CM-MW-05s	SH	D	20	2004Q2	06/29/04	11:03	2.5 U	28.6	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	3.8	5 U	25 U		354		2.5 U	850	2.5 U	2.5 U
CM-MW-05s	SH		20	2004Q3	07/15/04	12:15	5 U	28.5	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	7.2	10 U	50 U		371		5 U	882	5 U	5 U
CM-MW-05s	SH		20	2004Q3	07/27/04	13:00	5 U	38.3	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	5.1	10 U	50 U		496		5 U	1290	5 U	5 U
CM-MW-05s	SH		20	2004Q3	08/10/04	14:00	5 U	34	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		300		5 U	1010	5 U	5 U
CM-MW-05s	SH		20	2004Q3	08/17/04	10:15	5 U	35.7	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		374		5 U	947	5 U	5 U
CM-MW-05s	SH	DP	20	2004Q3	09/15/04	10:45	2.5 U	17.7	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 UJ	2.5 U	5 U	25 U		154		2.5 U	454	2.5 U	2.5 U
CM-MW-05s	SH	D	20	2004Q3	09/15/04	10:45	2.5 U	17.1	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 UJ	2.5 U	5 U	25 U		118		2.5 U	411	2.5 U	2.5 U
CM-MW-05s	SH		20	2004Q4	10/01/04	11:00	1 U	11.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1 U	10 U	1.7	2 U	10 U		90.3		1 U	270	1 U	1 U
CM-MW-05s	SH	ASC	20	2004Q4	10/14/04	9:46	2.5 U	22.6	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 UJ	2.95	5 U	25 U		196		2.5 U	517	2.5 U	2.5 U
CM-MW-05s	SH		20	2004Q4	10/15/04	9:45	2.5 U	23.3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 UJ	2.75	5 U	25 U		213		2.5 U	553	2.5 U	2.5 U
CM-MW-05s	SH		20	2004Q4	11/15/04	10:50	0.5 U	9.06	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.88	5 U	1.19	1 U	5 U		101		0.5 U	160	0.5 U	0.5 U
CM-MW-05s	SH		20	2005Q1	01/27/05	11:50	0.5 U	5.93 J	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 U	0.5 U	0.92	5 U	1.02	1 U	5 U		73.5		0.5 U	127	0.5 U	0.5 U
CM-MW-05s	SH		20	2005Q1	02/02/05	10:30	0.5 U	6.23	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 U	0.5 U	0.75	5 UJ	1.02	1 U	5 U		89.6		0.5 U	157	0.5 U	0.5 U
CM-MW-05s	SH		20	2005Q1	02/25/05	11:12	1 U	9.02 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1.02	10 U	1.28	2 U	10 U		99.4		1 U	208	1 U	1 U
CM-MW-05s	SH		20	2005Q2	04/01/05	10:12	0.5 U	0.92 J	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		13.3		0.5 U	6.32	0.5 U	0.5 U
CM-MW-05s	SH	DP	20	2005Q2	05/26/05	11:01	0.5 U	0.88	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		13.6		0.5 U	3.2	0.5 U	0.5 U
CM-MW-05s	SH	D	20	2005Q2	05/26/05	11:01	0.5 U	0.82	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		13.2		0.5 U	3.47	0.5 U	0.5 U
CM-MW-05s	SH		20	2005Q3	08/24/05		1 U	4.21	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		53.9		1 U	128 J	1 U	1 U
CM-MW-05s	SH		20	2005Q4	10/28/05	10:25	0.5 U	3.27	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		42.1		0.5 U	94.5	0.5 U	0.5 U
CM-MW-05s	SH		20	2005Q4	11/11/05	11:40	0.5 U	1.44	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 U	0.5 U	0.78	5 U	0.5 U	1 U	5 U		19.8		0.5 U	24.3	0.5 U	0.5 U
CM-MW-05s	SH		20	2006Q2	06/01/06	10:45	0.5 U	1.03	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	1 U	0.5 U	0.5 U	5 U	0.69	1 U	5 U		30.6	0.5 U	0.5 U	22.6	0.5 U	0.5 U
CM-MW-05s	SH		20	2007Q1	02/09/07	12:25	0.5 U	1.3	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		22	0.5 U	0.5 U	35.6	0.5 U	0.5 U
CM-MW-05s	SH		20	2007Q3	09/17/07	11:05	0.5 U	1.26	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		25.8	0.5 U	0.5 U	44.2	0.5 U	0.5 U
CM-MW-05s	SH		20	2007Q4	12/11/07	9:55	0.5 U	0.53 J	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		14.8 J	0.5 U	0.5 U	13.5 J	0.5 U	0.5 U
CM-MW-05s	SH		20	2008Q1	02/29/08	16:10	0.5 U	0.71	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		18.8	0.5 U	0.5 U	22.7	0.5 U	0.5 U
CM-MW-05s	SH		20	2008Q2	06/18/08	12:58	0.5 U	0.52	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	1 U	0.5 U	0.8	5 U	0.89	1 U	5 U		17.5	0.5 U	0.5 U	31.4	0.5 U	0.5 U
CM-MW-05s	SH		20	2008Q3	09/18/08	15:49	0.5 U	0.78	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	0.5 U	0.5 U	0.5 U	2 U		19	0.5 U	0.5 U	30	0.5 U	0.5 U
CM-MW-05s	SH		20	2008Q4	12/09/08	13:09	0.5 U	0.71	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	0.5 U	0.5 U	0.5 U	2 U		17	0.5 U	0.5 U	33	0.5 U	0.5 U
CM-MW-05s	SH		20	2009Q1	03/31/09	10:52	0.5 U	0.78	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	0.67	0.5 U	0.68	0.5 U	2 U		18	0.5 U	0.5 U	40	0.5 U	0.5 U
CM-MW-05s	SH		20	2009Q2	06/15/09	12:55	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	0.5 U	0.74	0.5 U	0.97	0.5 U	2 U		16	0.5 U	0.5 U	34	0.5 U	0.5 U
CM-MW-05s	SH		20	2009Q4	12/15/09	12:12	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		5.7	0.5 U	0.5 U	10	0.5 U	0.5 U
CM-MW-05s	SH		20	2010Q1	03/22/10	10:56	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		6.5	0.5 U	0.5 U	8.9	0.5 U	0.5 U
CM-MW-05s	SH	DP	20	2010Q2	06/15/10	15:32	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.9	0.5 U	0.5 U	2.4	0.5 U	0.5 U
CM-MW-05s	SH	D	20	2010Q2	06/15/10	15:32	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.1	0.5 U	0.5 U	2.4	0.5 U	0.5 U
CM-MW-05s	SH		20	2010Q3	09/28/10	12:04	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		5.6	0.5 U	0.5 U	5.7	0.5 U	0.5 U
CM-MW-05s	SH		20	2010Q4	12/08/10	13:26	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.6	0.5 U	0.5 U	3.7	0.5 U	0.5 U
CM-MW-05s	SH		20	2011Q1	03/17/11	17:31	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.8	0.5 U	0.5 U	2.7	0.5 U	0.5 U
CM-MW-05s	SH		20	2011Q3	09/14/11	15:18	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		5.46	0.5 U	0.5 U	5.34	0.5 U	0.5 U
CM-MW-05s	SH		20	2012Q1	03/27/12	10:28	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.6	0.5 U	0.5 U	2	0.5 U	0.5 U
CM-MW-05s	SH		20	2012Q3	09/06/12	11:44	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		3.7	0.5 U	0.5 U	3.5	0.5 U	0.5 U
CM-MW-05s	SH		20	2013Q1	03/13/13	14:48	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.2	0.5 U	0.5 U	2.7	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-05s	SH		20	2013Q3	09/25/13	14:45	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.6	0.5 U	0.5 U	2.3	0.5 U	0.5 U
CM-MW-05s	SH		20	2014Q1	03/26/14	12:09	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.7	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-MW-05s	SH		20	2015Q1	03/11/15	11:33	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.1	0.5 U	0.5 U	1.5	1 U	0.5 U
CM-MW-05s	SH		20	2015Q3	09/03/15	13:02	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.73	0.5 U	0.5 U	1.54	1 U	0.5 U
CM-MW-06s	SH		26.5	2000Q2	06/20/00	0:00		47	5 U	5 U	6.9	5 U	5 U	5 U	5 U		5 U	25 U	5 U	5 U	5 U	5.2	5 U	5 U		81		5 U	680	5 U	5 U
CM-MW-06s	SH		26.5	2001Q1	03/02/01	0:00		55.1	5 U	5 U	5 U	5 U	5 U	5 U	25 U		5 U	25 U	5 U	25 U	25 U	5 U	5 U	30.7		37.3		5 U	611	5 U	5 U
CM-MW-06s	SH		26.5	2001Q3	08/28/01	10:50	2.5 U	49.2	2.5 U	2.5 U	2.95	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	8.55	5 U	25 U		78.5		2.5 U	636	2.5 U	2.5 U
CM-MW-06s	SH		26.5	2001Q4	11/07/01	17:00	2.5 U	61.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	9.55	5 U	25 U		132		2.5 U	807	2.5 U	2.5 U
CM-MW-06s	SH	DP	26.5	2002Q1	01/30/02	14:10	5 U	51.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	10	10 U	50 U		149		5 U	824	5 U	5 U
CM-MW-06s	SH	D	26.5	2002Q1	01/30/02	14:10	5 U	52.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	9.9	10 U	50 U		144		5 U	811	5 U	5 U
CM-MW-06s	SH		26.5	2002Q2	05/30/02	15:55	2.5 U	34.8	2.5 U	2.5 U	2.65	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	11.7	5 U	25 U		108		2.5 U	552	2.5 U	2.5 U
CM-MW-06s	SH		26.5	2002Q3	08/21/02	11:00	2.5 U	32.2	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	12.8	5 U	25 U		103		2.5 U	557	2.5 U	2.5 U
CM-MW-06s	SH		26.5	2002Q4	11/21/02	9:10	2.5 U	25.4	2.5 U	2.5 U	3.2	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	12	5 U	25 U		83.4		2.5 U	465	2.5 U	2.5 U
CM-MW-06s	SH		26.5	2003Q1	02/07/03	8:35	1 U	19.3	1 U	1.1	1.98	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1.12	10 U	14.3	2 U	10 U		99.4		1 U	363	1 U	1 U
CM-MW-06s	SH		26.5	2003Q3	08/06/03	13:35	1 U	15.2	1 U	1 U	1.6	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1.42	10 U	10.3	2 U	10 U		70.2		1 U	296	1 U	1 U
CM-MW-06s	SH		26.5	2004Q1	01/26/04	15:35	0.5 U	7.79	0.5 U	0.91	1.2	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.13	5 U	10.4	1 U	5 UJ		62.9		0.5 U	169	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2004Q2	06/08/04	10:10	0.5 U	6.07	0.5 U	0.8	1	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.94	5 U	10.3	1 U	5 U		54.9		0.5 U	114	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2004Q3	07/16/04	10:15	2 U	2.17	2 U	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	10 U	7.31	2 U	10 U		17.8		2 U	36.4	2 U	2 U
CM-MW-06s	SH		26.5	2004Q3	07/27/04	10:00	0.5 U	2.41	0.5 U	0.99	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		18		0.5 U	1.37	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2004Q3	08/10/04	11:15	0.5 U	2.46	0.5 U	0.95	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		17		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2004Q3	08/16/04	12:30	0.5 U	2.63	0.5 U	1	0.54	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.18	1 U	5 U		22.4		0.5 U	37.4	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2004Q3	09/14/04	10:45	1 U	2.64	1 U	1.01	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 UJ	1 U	1 U	5 U	1 U	15.6	1 U	1 U	1 U	1 U	1 U
CM-MW-06s	SH	ASC	26.5	2004Q4	10/11/04	14:36	0.5 U	2.93	0.5 U	1.02	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		21.2		0.5 U	4.22	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2004Q4	10/11/04	14:35	0.5 U	2.82	0.5 U	1.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		17.6		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-06s	SH	ASC	26.5	2004Q4	11/10/04	11:45	0.5 U	3.58	0.5 U	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		18.3		0.5 U	0.78	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2004Q4	11/15/04	12:35	0.5 U	3.22	0.5 U	0.96	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		13.5		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-06s	SH	ASC	26.5	2005Q1	01/24/05	12:35	0.5 U	3.24	0.5 U	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		21.3		0.5 U	4.83	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2005Q1	02/01/05	14:05	0.5 U	2.97	0.5 U	0.96	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		18.1		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-06s	SH	ASC	26.5	2005Q1	02/04/05	12:01	0.5 U	3.08	0.5 U	1.01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		18.7		0.5 U	0.63	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2005Q1	02/04/05	12:00	0.5 U	3.07	0.5 U	1.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		10.6		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-06s	SH	ASC	26.5	2005Q1	02/22/05	11:42	0.5 U	3.41	0.5 U	0.98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 UJ	5 U		15.6		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2005Q1	02/22/05	11:41	0.5 U	3.39	0.5 U	0.94	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 UJ	5 U		9.86		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-06s	SH	ASC	26.5	2005Q1	03/29/05	12:06	0.5 U	3.35 J	0.5 U	0.93	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		12.8		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-06s	SH	ASC	26.5	2005Q2	05/23/05	12:47	0.5 U	3.81	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		11.1		0.5 U	1.01	0.5 U	0.5 U
CM-MW-06s	SH	ASC	26.5	2005Q3	08/24/05	11:36	1 U	2.77	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		10.5		1 U	1 U	1 U	1 U
CM-MW-06s	SH	ASC	26.5	2005Q4	11/15/05	12:36	0.5 U	3.09	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.24		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2006Q2	06/05/06	13:20	0.5 U	2.67	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.28	0.5 U	0.5 U	3.12	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2006Q3	09/06/06	14:15	0.5 U	1.54	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.11	0.5 U	0.5 U	8.81	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2007Q1	02/09/07	13:33	0.5 U	1.88	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.35	0.5 U	0.5 U	6.11	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2007Q3	09/19/07	12:21	0.5 U	1.12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.8	0.5 U	0.5 U	7.39	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2007Q4	12/11/07	12:15	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	0.5 UJ	1 UJ	5 UJ		0.5 UJ	0.5 UJ	0.5 UJ	0.54 J	0.5 UJ	0.5 UJ
CM-MW-06s	SH		26.5	2008Q1	03/05/08	13:32	0.5 U	1.49	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.07	0.5 U	0.5 U	5.48	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2008Q2	06/18/08	12:00	0.5 U	0.96	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	1 U	0.5 U	0.79	5 U	0.5 U	1 U	5 U		3.5	0.5 U	0.5 U	3.23	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2008Q3	09/17/08	17:37	0.5 U	0.7	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.9	0.5 U	0.5 U	5.7	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2008Q4	12/08/08	14:59	0.5 U	0.68	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	0.74	0.5 U	0.5 U	0.5 U	2 U		3.1	0.5 U	0.5 U	4.7	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2009Q1	03/30/09	13:18	0.5 U	0.77	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	1	0.5 U	0.5 U	0.5 U	2 U		3	0.5 U	0.5 U	4.8	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-06s	SH		26.5	2009Q2	06/18/09	13:15	0.5 U	0.55	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	0.86	0.5 U	0.5 U	0.5 U	2 U		3.2	0.5 U	0.5 U	5.9	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2009Q3	09/16/09	14:42	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.2	0.5 U	0.5 U	4.9	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2009Q4	12/15/09	13:50	0.5 U	0.78	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	0.5 U	0.64	0.5 U	2 U		5.8	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2010Q1	03/18/10	11:30	0.5 U	0.52	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	0.63	0.5 U	1.1	0.5 U	2 U		5.9	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2010Q2	06/15/10	14:40	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	0.5 U	0.5 U	0.5 U	1.4	0.5 U	2 U		5.7	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2010Q3	09/27/10	15:57	0.5 U	0.61	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	0.87	0.5 U	1.1	0.5 U	2 U		6	0.5 U	0.5 U	15	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2010Q4	12/08/10	12:20	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	0.5 U	1.1	0.5 U	1.4	0.5 U	2 U		5.1	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2011Q1	03/17/11	15:07	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	0.5 U	0.5 U	0.5 U	1.3	0.5 U	2 U		4.7	0.5 U	0.5 U	9.2	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2011Q2	06/07/11	16:36	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	0.5 U	0.5 U	0.5 U	0.95	0.5 U	2 U		4.1	0.5 U	0.5 U	9	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2011Q3	09/13/11	16:48	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	1 U	0.5 U	0.62	5 U	1.14	1 U	5 U		3.54	0.5 U	0.5 U	5.38	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2011Q4	12/07/11	10:38	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	1 U	0.5 U	0.62	5 U	1.09	1 U	5 U		3.43	0.5 U	0.5 U	4.98	0.5 U	0.5 U
CM-MW-06s	SH	DP	26.5	2012Q1	03/28/12	10:51	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	1 U	0.5 U	0.62 J	5 U	1.4	1 U	5 U		3.9	0.5 U	0.5 U	6.5	0.5 U	0.5 U
CM-MW-06s	SH	D	26.5	2012Q1	03/28/12	10:51	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	1 U	0.5 U	0.63 J	5 U	1.3	1 U	5 U		4.7	0.5 U	0.5 U	7.3	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2012Q3	09/06/12	16:15	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	0.5 U	0.5 U	0.5 U	0.72	0.5 U	1 U		3	0.5 U	0.5 U	4.4	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2013Q1	03/12/13	10:32	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	1 U	0.5 U	0.5 U	5 U	0.65	1 U	5 U		3	0.5 U	0.5 U	4	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2013Q3	09/25/13	10:35	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.7	0.5 U	0.5 U	3.4	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2014Q1	03/27/14	12:35	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3	0.5 U	0.5 U	4.2	0.5 U	0.5 U
CM-MW-06s	SH		26.5	2014Q3	09/08/14	13:20	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.71	0.5 U	0.5 U	2.35	1 U	0.5 U
CM-MW-06s	SH		26.5	2015Q1	03/17/15	15:08	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.38	0.5 U	0.5 U	3.04	1 U	0.5 U
CM-MW-06s	SH		26.5	2015Q3	09/23/15	9:45	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	0.25 U	0.5 U	1 U	1 U	0.5 U	5 U	0.5 U	1 U	5 U		1.77	0.5 U	0.5 U	2.55	1 U	0.5 U
CM-MW-07s	SH		34	2000Q2	06/20/00	0:00		8.81	1 U	1 U	1.32	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	2.68	1 U	1 U		15.4		1 U	138	1 U	1 U
CM-MW-07s	SH		34	2001Q1	02/09/01	0:00		25.4	1 U	1 U	3.56	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	6.36	1 U	5 U		34.3		1 U	295	1 U	1 U
CM-MW-07s	SH		34	2001Q3	08/29/01	15:05	1 U	18.4	1 U	1 U	2.46	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	6.04	2 U	10 U		35.8		1 U	264	1 U	1 U
CM-MW-07s	SH		34	2001Q4	11/08/01	10:15	2.5 U	30.3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	7.45	5 U	25 U		62.4		2.5 U	437	2.5 U	2.5 U
CM-MW-07s	SH		34	2002Q1	01/30/02	11:45	2.5 U	37.4	2.5 U	2.5 U	3.75	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	9.2	5 U	25 U		81.6		2.5 U	541	2.5 U	2.5 U
CM-MW-07s	SH		34	2002Q3	08/23/02	15:40	0.5 U	2.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.57	1 U	5 U		10.1		0.5 U	74.8	0.5 U	0.5 U
CM-MW-07s	SH		34	2002Q4	11/21/02	13:35	2.5 U	32.6	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	8.6	5 U	25 U		65.8		2.5 U	535	2.5 U	2.5 U
CM-MW-07s	SH	DP	34	2003Q1	02/03/03	17:15	2.5 U	26.5	2.5 U	2.5 U	2.8	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	12.7	5 U	25 U		90.7		2.5 U	492	2.5 U	2.5 U
CM-MW-07s	SH	D	34	2003Q1	02/03/03	17:15	2.5 U	25.8	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	12.4	5 U	25 U		87.9		2.5 U	479	2.5 U	2.5 U
CM-MW-07s	SH		34	2003Q2	05/23/03	13:25	2.5 U	23.2	2.5 U	2.5 U	3.15	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	11.4	5 U	25 U		78.2		2.5 U	445	2.5 U	2.5 U
CM-MW-07s	SH		34	2003Q3	08/06/03	14:45	1 U	19.2	1 U	1 U	2	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	8.22	2 U	10 U		60		1 U	365	1 U	1 U
CM-MW-07s	SH		34	2003Q4	11/10/03	11:40	1 U	15	1 U	1 U	2.12	1 U	1.16	1 U	1 U		1 U	2 U	1 U	1 U	10 U	10.3	2 U	10 U		60.7		1 U	325	1 U	1 U
CM-MW-07s	SH		34	2004Q1	01/28/04	10:50	1 U	15.2	1 U	1.22	2.4	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	12	2 U	10 UJ		62.9		1 U	324	1 U	1 U
CM-MW-07s	SH		34	2004Q2	05/03/04	15:20	2 U	9.48	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	7.16	2 U	10 U	2 U	41.3	2 U	2 U	216	2 U	2 U
CM-MW-07s	SH		34	2004Q3	08/24/04	12:00	2 U	8.92	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	8.34	2 U	10 U	2 U	46.3	2 U	2 U	224	2 U	2 U
CM-MW-07s	SH		34	2004Q3	09/15/04	12:15	1 U	8.18	1 U	1 U	1.54	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 UJ	9	2 U	10 U		47.5		1 U	209	1 U	1 U
CM-MW-07s	SH	ASC DP	34	2004Q4	10/14/04	12:11	0.5 U	8.99 J	0.5 U	0.91	1.21	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.84	5 UJ	10	1 U	5 U		52.6		0.5 U	200 J	0.5 U	0.5 U
CM-MW-07s	SH	ASC D	34	2004Q4	10/14/04	12:11	0.5 U	9	0.5 U	0.82	1.17	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.8	5 UJ	9.35	1 U	5 U		53.4		0.5 U	200 J	0.5 U	0.5 U
CM-MW-07s	SH	DP	34	2004Q4	10/15/04	12:10	0.5 U	8.78	0.5 U	0.9	1.08	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.79	5 UJ	9.79	1 U	5 U		51.7		0.5 U	199	0.5 U	0.5 U
CM-MW-07s	SH	D	34	2004Q4	10/15/04	12:10	0.5 U	8.79	0.5 U	0.78	1.19	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.78	5 UJ	9.94	1 U	5 U		51.3		0.5 U	197	0.5 U	0.5 U
CM-MW-07s	SH		34	2004Q4	11/17/04	9:20	0.5 U	6.78	0.5 U	1.16	1.15	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.63	5 U	9.3	1 U	5 U		42.1		0.5 U	147	0.5 U	0.5 U
CM-MW-07s	SH		34	2005Q1	02/01/05	10:25	0.5 U	3.58	0.5 U	0.84	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	3.46	1 U	5 U		25.3		0.5 U	64	0.5 U	0.5 U
CM-MW-07s	SH		34	2005Q2	04/01/05	11:21	0.5 U	3.33 J	0.5 U	0.95	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.33	1 U	5 U		16.2		0.5 U	21.3	0.5 U	0.5 U
CM-MW-07s	SH		34	2005Q2	05/26/05	9:51	0.5 U	3.48	0.5 U	0.93	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.93	1 U	5 U		14.1		0.5 U	18.3	0.5 U	0.5 U
CM-MW-07s	SH		34	2005Q2	06/06/05	13:30	0.5 U	5.98	0.5 U	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		27.1		0.5 U	12.7	0.5 U	0.5 U
CM-MW-07s	SH	ASC	34	2005Q3	08/24/05	9:31	1 U	5.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		7.25		1 U	1 U	1 U	1 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-07s	SH	ASC	34	2005Q4	11/14/05	13:45	0.5 U	5.25	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		7.94		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2006Q2	06/06/06	16:08	0.5 U	3.17	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.82	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2006Q3	09/08/06	12:20	0.5 U	2.32	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2007Q1	02/10/07	10:55	0.5 U	2.07	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2007Q3	09/12/07	16:34	1 U	2.07 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	3 J	1 U	1 U	1 U	1 U	1 U
CM-MW-07s	SH		34	2007Q4	12/11/07	16:25	0.5 U	2.41	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		6.14	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2008Q1	03/06/08	11:32	0.5 U	2.21	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2008Q2	06/18/08	11:34	0.5 U	2.18	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		7.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2008Q3	09/18/08	11:10	0.5 U	1.7	0.5 U	0.51	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	0.5 U	2 U		5.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2008Q4	12/08/08	14:07	0.5 U	1.8	0.5 U	0.58	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	0.5 U	2 U		4.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2009Q1	03/30/09	11:00	0.5 U	2.2	0.5 U	0.68	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	0.5 U	2 U		5.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2009Q2	06/16/09	12:30	0.5 U	2.2	0.5 U	0.66	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	0.5 U	2 U		7.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2009Q3	09/14/09	14:55	0.5 U	0.96	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	0.5 U	0.5 U	0.5 U	2 U		5.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2009Q4	12/16/09	10:30	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		4.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2010Q1	03/15/10	13:35	0.5 U	0.76	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	0.5 U	0.5 U	0.5 U	2 U		4.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2010Q3	09/23/10	16:35	0.5 U	0.58	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	0.5 U	0.5 U	0.5 U	2 U		2.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07s	SH		34	2011Q1	03/21/11	11:54	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.4	0.5 U	0.5 U	0.93	0.5 U	0.5 U
CM-MW-07s	SH		34	2011Q3	09/12/11	16:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.06	0.5 U	0.5 U	2.89	0.5 U	0.5 U
CM-MW-07s	SH		34	2012Q1	03/27/12	12:51	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.7	0.5 U	0.5 U	2.5	0.5 U	0.5 U
CM-MW-07s	SH		34	2012Q3	09/05/12	15:07	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.6	0.5 U	0.5 U	2.7	0.5 U	0.5 U
CM-MW-07s	SH		34	2013Q1	03/11/13	11:38	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1	0.5 U	0.5 U	1.4	0.5 U	0.5 U
CM-MW-07s	SH		34	2013Q3	09/26/13	15:02	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.86	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-MW-07s	SH		34	2014Q1	03/25/14	10:05	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.92	0.5 U	0.5 U	1.4	0.5 U	0.5 U
CM-MW-07s	SH		34	2014Q3	09/17/14	13:03	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.79	0.5 U	0.5 U	1.33	1 U	0.5 U
CM-MW-07s	SH		34	2015Q1	03/10/15	14:31	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.69	0.5 U	0.5 U	0.98	1 U	0.5 U
CM-MW-07s	SH		34	2015Q3	09/23/15	15:08	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.67	0.5 U	0.5 U	1.08	1 U	0.5 U
CM-MW-08s	SH		19	2000Q2	06/20/00	0:00		5.2	1 U	1 U	1.1	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1.18	1 U	1 U		10.2		1 U	84.4	1 U	1 U
CM-MW-08s	SH		19	2001Q1	02/09/01	0:00		55.2	1 U	1 U	5.24	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	4.51	1 U	5 U		91.8		1 U	903	1 U	1 U
CM-MW-08s	SH		19	2001Q2	05/16/01	0:00		34	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	3.75	5 U	25 U		88.8		2.5 U	663	2.5 U	2.5 U
CM-MW-08s	SH		19	2001Q3	08/28/01	11:20	2.5 U	23.9	2.5 U	2.5 U	2.55	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	4.05	5 U	25 U		57.6		2.5 U	478	2.5 U	2.5 U
CM-MW-08s	SH		19	2001Q4	11/07/01	17:35	2.5 U	23.4	2.5 U	2.5 U	2.65	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	4.65	5 U	25 U		61.4		2.5 U	510	2.5 U	2.5 U
CM-MW-08s	SH		19	2002Q1	02/04/02	11:35	2.5 U	22.6	2.5 U	2.5 U	2.7	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	6.5	5 U	25 U		59.3		2.5 U	462	2.5 U	2.5 U
CM-MW-08s	SH		19	2002Q2	05/31/02	9:55	1 U	14.6	1 U	1 U	2.2	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 U	4.42	2 U	10 U		40.3		1 U	312	1 U	1 U
CM-MW-08s	SH	DP	19	2002Q3	08/21/02	13:35	0.5 U	2.69	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 U	0.5 U	0.5 U	5 U	0.71	1 U	5 U		8.55		0.5 U	58.3	0.5 U	0.5 U
CM-MW-08s	SH	D	19	2002Q3	08/21/02	13:35	0.5 U	9.84	0.5 U	0.59	1.25	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	3.48	1 U	5 U		16.1		0.5 U	169	0.5 U	0.5 U
CM-MW-08s	SH		19	2002Q4	11/21/02	10:15	0.5 U	6.32	0.5 U	0.5 U	0.95	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.28	1 U	5 U		16.7		0.5 U	145	0.5 U	0.5 U
CM-MW-08s	SH		19	2003Q1	02/07/03	9:30	0.5 U	6.06	0.5 U	0.5 U	1.33	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.74	5 U	3.89	1 U	5 U		25.8		0.5 U	185	0.5 U	0.5 U
CM-MW-08s	SH		19	2003Q2	05/26/03	11:10	0.5 U	4.72	0.5 U	0.5 U	0.68	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.67	5 U	1.9	1 U	5 U		17.1		0.5 U	113	0.5 U	0.5 U
CM-MW-08s	SH		19	2003Q3	08/11/03	13:35	0.5 U	2.3	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		7.34		0.5 U	44.8	0.5 U	0.5 U
CM-MW-08s	SH		19	2003Q4	11/10/03	15:10	0.5 U	1.85	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 U	0.5 U	0.5 U	5 U	0.85	1 U	5 U		6.26		0.5 U	45	0.5 U	0.5 U
CM-MW-08s	SH		19	2004Q1	01/27/04	12:45	0.5 U	3.24	0.5 U	0.5 U	0.86	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.83	5 UJ	1.6	1 U	5 U		15		0.5 U	124	0.5 U	0.5 U
CM-MW-08s	SH		19	2004Q2	05/03/04	16:30	1 U	1.64	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	6.15	1 U	1 U	39.2	1 U	1 U
CM-MW-08s	SH		19	2004Q3	08/23/04	11:30	0.5 U	1.34	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 U	0.5 U	0.5 U	5 U	0.89	1 U	5 U		5.05		0.5 U	39	0.5 U	0.5 U
CM-MW-08s	SH	DP	19	2004Q4	11/16/04	10:35	0.5 U	1.49	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 U	0.5 U	0.68	5 U	1.73	1 U	5 U		9.73		0.5 U	61.4	0.5 U	0.5 U
CM-MW-08s	SH	D	19	2004Q4	11/16/04	10:35	0.5 U	1.62	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 U	0.5 U	0.76	5 U	1.78	1 U	5 U		10.7		0.5 U	63.9	0.5 U	0.5 U
CM-MW-08s	SH		19	2005Q1	02/01/05	14:45	0.5 U	1.29	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 U	0.5 U	0.67	5 UJ	1.21	1 U	5 U		9.72		0.5 U	49.3	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-08s	SH		19	2005Q2	05/20/05	12:10	0.5 U	0.99	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 U	0.5 U	0.5	5 U	0.54	1 U	5 U		7.59		0.5 U	19.4	0.5 U	0.5 U
CM-MW-08s	SH		19	2005Q3	08/16/05	12:07	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		2.91		1 U	13.5	1 U	1 U
CM-MW-08s	SH		19	2005Q4	11/15/05	10:57	0.5 U	0.95	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 U	0.5 U	0.71	5 U	0.5 U	1 U	5 U		4.1		0.5 U	11.2	0.5 U	0.5 U
CM-MW-08s	SH		19	2006Q2	06/05/06	15:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.53	0.5 U	0.5 U	13.2	0.5 U	0.5 U
CM-MW-08s	SH		19	2006Q3	09/08/06	14:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.27	0.5 U	0.5 U	6.91	0.5 U	0.5 U
CM-MW-08s	SH		19	2007Q1	02/09/07	14:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.97	0.5 U	0.5 U	4.25	0.5 U	0.5 U
CM-MW-08s	SH		19	2008Q1	03/05/08	15:04	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	2.17	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.44	0.5 U	0.5 U	2.69	0.5 U	0.5 U
CM-MW-08s	SH		19	2008Q3	09/17/08	11:47	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2	0.5 U	0.5 U	5.4	0.5 U	0.5 U
CM-MW-08s	SH		19	2009Q1	04/01/09	10:15	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.2	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-08s	SH		19	2009Q2	06/18/09	12:02	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.6	0.5 U	0.5 U	9.5	0.5 U	0.5 U
CM-MW-08s	SH		19	2009Q4	12/16/09	12:00	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.5	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-08s	SH		19	2010Q1	03/18/10	13:00	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.4	0.5 U	0.5 U	3.5	0.5 U	0.5 U
CM-MW-08s	SH		19	2010Q3	09/28/10	11:25	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.1	0.5 U	0.5 U	2.4	0.5 U	0.5 U
CM-MW-08s	SH		19	2011Q1	03/17/11	12:31	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.73	0.5 U	0.5 U	1.9	0.5 U	0.5 U
CM-MW-08s	SH		19	2011Q3	09/13/11	13:07	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.57	0.5 U	0.5 U	0.96	0.5 U	0.5 U
CM-MW-08s	SH	DP	19	2012Q1	03/27/12	17:21	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.52 J	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-MW-08s	SH	D	19	2012Q1	03/27/12	17:21	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.53 J	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-MW-08s	SH		19	2012Q3	09/06/12	11:08	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.5 U
CM-MW-08s	SH		19	2013Q1	03/12/13	11:22	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-08s	SH		19	2014Q1	03/26/14	10:34	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-08s	SH	DP	19	2015Q1	03/19/15	12:11	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-08s	SH	D	19	2015Q1	03/19/15	12:11	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-09s	SH		15	2000Q2	06/20/00	0:00		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U
CM-MW-09s	SH		15	2001Q1	02/07/01	0:00		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	1 U	1 U	5 U		1 U		1 U	1.01	1 U	1 U
CM-MW-09s	SH		15	2001Q3	08/28/01	9:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2001Q4	11/07/01	15:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.53	0.5 U	0.5 U
CM-MW-09s	SH		15	2002Q1	02/04/02	13:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2002Q2	05/29/02	12:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2002Q3	08/21/02	10:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2002Q4	11/22/02	13:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2003Q2	05/26/03	14:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2003Q4	11/12/03	17:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2004Q2	05/04/04	11:35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CM-MW-09s	SH		15	2004Q4	11/16/04	11:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2005Q1	02/01/05	12:48	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2005Q2	05/17/05	13:11	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.9		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2005Q3	08/16/05	14:35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U
CM-MW-09s	SH		15	2005Q4	11/14/05	15:10	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2006Q2	06/06/06	17:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2006Q3	09/09/06	14:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2007Q1	02/12/07	15:56	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2008Q1	03/03/08	12:49	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2009Q1	04/01/09	11:40	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	0.5 U	0.5 U	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
CM-MW-09s	SH		15	2009Q3	09/18/09	10:10	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	0.5 U	0.5 U	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
CM-MW-09s	SH		15	2010Q1	03/18/10	14:55	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	0.5 U	0.5 U	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
CM-MW-09s	SH		15	2011Q1	03/22/11	17:11	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	0.5 U	0.5 U	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

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-09s	SH		15	2012Q1	03/26/12	10:43	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2013Q1	03/12/13	14:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2014Q1	03/28/14	12:31	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-09s	SH		15	2015Q1	03/19/15	11:38	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-10s	SH		54	2000Q4	11/10/00	0:00		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	1 U	1 U	1 U	5 U		2.23		1 U	2.53	1 U	1 U
CM-MW-10s	SH		54	2000Q4	12/14/00	0:00		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	1 U	1 U	1 U	5 U		1.97		1 U	3.5	1 U	1 U
CM-MW-10s	SH		54	2001Q1	02/09/01	0:00		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	1 U	1 U	5 U		2.28		1 U	13.3	1 U	1 U
CM-MW-10s	SH		54	2001Q3	08/29/01	16:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.17		0.5 U	3.09	0.5 U	0.5 U
CM-MW-10s	SH		54	2001Q4	11/08/01	11:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.63		0.5 U	2.74	0.5 U	0.5 U
CM-MW-10s	SH		54	2002Q1	02/04/02	10:25	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	1 U	0.5 U	0.5 U	5 U	0.6	1 U	5 U		1.27		0.5 U	2.34	0.5 U	0.5 U
CM-MW-10s	SH		54	2002Q2	05/29/02	14:10	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	1 U	0.5 U	0.5 U	5 U	0.68	1 U	5 U		1.23		0.5 U	2.33	0.5 U	0.5 U
CM-MW-10s	SH		54	2002Q3	08/21/02	14:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.37		0.5 U	2.76	0.5 U	0.5 U
CM-MW-10s	SH		54	2002Q4	11/21/02	7:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10s	SH		54	2003Q1	02/03/03	16:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.71		0.5 U	2.82	0.5 U	0.5 U
CM-MW-10s	SH		54	2003Q2	05/23/03	8:30	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	1 U	0.5 U	0.5 U	5 U	0.62	1 U	5 U		1.56		0.5 U	2.8	0.5 U	0.5 U
CM-MW-10s	SH		54	2003Q3	08/08/03	10:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.51		0.5 U	3.01	0.5 U	0.5 U
CM-MW-10s	SH		54	2003Q4	11/10/03	12:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.64		0.5 U	3.01	0.5 U	0.5 U
CM-MW-10s	SH		54	2004Q1	01/28/04	18:35	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	0.82 J	1 UJ	5 UJ		1.95 J		0.5 UJ	3.43 J	0.5 UJ	0.5 UJ
CM-MW-10s	SH		54	2004Q2	05/04/04	10:20	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1.77	1 U	1 U	2.95	1 U	1 U
CM-MW-10s	SH		54	2004Q3	08/17/04	11:30	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1.68	1 U	1 U	2.59	1 U	1 U
CM-MW-10s	SH		54	2004Q4	11/16/04	14:15	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	1 UJ	0.5 U	0.5 U	5 U	0.65	1 U	5 U		1.77		0.5 U	3.23	0.5 U	0.5 U
CM-MW-10s	SH		54	2005Q1	02/01/05	13:30	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	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		1.54		0.5 U	2.57	0.5 U	0.5 U
CM-MW-10s	SH		54	2007Q1	02/15/07	16:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.28	0.5 U	0.5 U	1.71	0.5 U	0.5 U
CM-MW-10s	SH		54	2008Q1	02/27/08	15:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.34	0.5 U	0.5 U	1.91	0.5 U	0.5 U
CM-MW-10s	SH		54	2009Q1	03/23/09	11:40	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.1	0.5 U	0.5 U	1.7	0.5 U	0.5 U
CM-MW-10s	SH		54	2009Q3	09/14/09	12:06	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.3	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-MW-10s	SH		54	2010Q1	03/17/10	12:52	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.3	0.5 U	0.5 U	1.7	0.5 U	0.5 U
CM-MW-10s	SH		54	2011Q1	03/16/11	16:02	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.4	0.5 U	0.5 U	1.9	0.5 U	0.5 U
CM-MW-10s	SH		54	2012Q1	03/27/12	16:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	1.1	0.5 U	0.5 U
CM-MW-10s	SH		54	2013Q1	03/07/13	15:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10s	SH		54	2014Q1	03/25/14	13:10	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.76	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10s	SH		54	2015Q1	03/10/15	12:49	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.68	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-16s	SH		25.5	2002Q3	08/23/02	13:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-16s	SH		25.5	2002Q4	11/22/02	12:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-16s	SH		25.5	2003Q1	02/05/03	15:10	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-16s	SH		25.5	2003Q2	05/26/03	13:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-16s	SH		25.5	2004Q1	01/30/04	14:20	0.5 U	0.5 UJ	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 UJ		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-16s	SH		25.5	2004Q3	08/18/04	9:45	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-16s	SH		25.5	2004Q4	11/16/04	15:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2002Q3	07/19/02	16:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2002Q3	08/23/02	12:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.98	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2002Q4	11/22/02	16:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.96	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2003Q1	02/05/03	9:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.3	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2003Q2	05/20/03	15:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2004Q1	01/26/04	17:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 UJ		0.5 U		0.5 U	1.18	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2004Q3	08/23/04	13:00	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-18s	SH		21.5	2004Q4	11/18/04	12:22	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.25	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2005Q1	02/03/05	10:05	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.83 J	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2007Q1	02/13/07	13:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.91	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2007Q3	09/12/07	13:56	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.79	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2008Q1	03/04/08	12:33	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.52	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2009Q1	03/25/09	12:05	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.57	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2009Q3	09/15/09	14:55	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.52	0.5 U	0.5 U	0.62	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2010Q1	03/16/10	12:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2010Q3	09/20/10	15:03	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	0.5 U	0.5 U	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
CM-MW-18s	SH		21.5	2011Q1	03/15/11	16:12	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	0.5 U	0.5 U	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
CM-MW-18s	SH		21.5	2011Q3	09/14/11	12:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2012Q1	03/21/12	12:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.61 J	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2012Q3	09/04/12	15:26	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	0.5 U	0.5 U	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
CM-MW-18s	SH		21.5	2013Q1	03/11/13	15:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2013Q3	09/23/13	14:35	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2014Q1	03/24/14	13:01	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-18s	SH		21.5	2014Q3	09/03/14	11:36	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-18s	SH		21.5	2015Q1	03/09/15	15:13	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-19s	SH		26.5	2002Q3	07/19/02	14:45	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	1 U	0.5 U	1.22	5 U	2.11	1 U	5 U		2.12		0.5 U	3.8	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2002Q3	08/22/02	10:10	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	1 U	0.5 U	0.5 U	5 U	1.72	1 U	5 U		2.43		0.5 U	3.83	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2002Q4	11/20/02	14:50	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	1 U	0.5 U	0.5 U	5 U	1.17	1 U	5 U		2.23		0.5 U	3.7	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2003Q1	02/05/03	17:00	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	1 U	0.5 U	0.5 U	5 U	2.58	1 U	5 U		6.39		0.5 U	7.5	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2003Q2	05/22/03	16:10	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	1 U	0.5 U	0.5 U	5 U	1.43	1 U	5 U		4.32		0.5 U	5.46	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2004Q1	01/28/04	13:00	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	1 U	0.5 U	0.5 U	5 U	0.99	1 U	5 UJ		4.8		0.5 U	5.18	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2004Q2	05/03/04	12:20	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	3	1 U	1 U	4.07	1 U	1 U
CM-MW-19s	SH		26.5	2004Q3	08/24/04	10:00	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	2.45	1 U	1 U	2.92	1 U	1 U
CM-MW-19s	SH		26.5	2004Q4	11/15/04	15:55	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	1 U	0.5 U	0.5 U	5 U	0.75	1 U	5 U		3.53		0.5 U	3.95	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2005Q1	02/02/05	12:35	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	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		2.74		0.5 U	3.03	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2007Q1	02/14/07	10:04	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.7	0.5 U	0.5 U	2.01	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2007Q3	09/12/07	17:44	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1.76 J	1 U	1 U	2.12 J	1 U	1 U
CM-MW-19s	SH		26.5	2008Q1	03/04/08	14:49	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	1 U	0.5 U	0.7	5 U	0.5 U	1 U	5 U		1.76	0.5 U	0.5 U	2.2	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2009Q1	03/27/09	12:40	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	8	0.5 U	0.5 U	13	0.5 U	0.5 U	3.8	2 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2009Q3	09/17/09	10:59	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	5.5	0.5 U	0.5 U	13	0.5 U	0.5 U	2.4	2 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2010Q1	03/16/10	14:28	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	4.8	0.5 U	0.5 U	8.8	0.5 U	0.5 U	2.3	2 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2010Q3	09/23/10	13:12	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	5.5	0.5 U	0.5 U	11	0.5 U	0.5 U	2.5	2 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2011Q1	03/17/11	11:40	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	3.9	0.5 U	0.5 U	10	0.5 U	0.5 U	1.7	2 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2011Q3	09/13/11	10:59	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	2.59	1 U	0.5 U	10	5 U	0.5 U	1.02	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2012Q1	03/21/12	15:10	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	1 U	0.5 U	8.5	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2012Q3	09/05/12	12:38	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	0.5 U	10	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
CM-MW-19s	SH		26.5	2013Q1	03/12/13	16:30	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	1 U	0.5 U	7	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2013Q3	09/24/13	11:00	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	0.2 U	0.5 U	1 U	0.5 U	6.9	5 U	0.5 U	1 U	5 U		0.52	0.5 U	0.5 U	0.64	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2014Q1	03/24/14	14:29	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	0.2 U	0.5 U	1 U	0.5 U	4.3	5 U	0.5 U	1 U	5 U		0.57	0.5 U	0.5 U	0.67	0.5 U	0.5 U
CM-MW-19s	SH		26.5	2014Q3	09/03/14	14:42	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	0.25 U	0.5 U	1 U	0.5 U	4.37	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-19s	SH		26.5	2015Q1	03/18/15	15:50	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	0.25 U	0.5 U	1 U	0.5 U	2.92	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.6	1 U	0.5 U
CM-MW-19s	SH		26.5	2015Q3	09/02/15	16:31	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	0.25 U	0.5 U	1 U	0.5 U	1.99	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-20s	SH		27.5	2002Q3	07/24/02	15:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.16		0.5 U	3.66	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-20s	SH		27.5	2002Q3	08/22/02	11:50	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	1 U	0.5 U	0.5 U	5 U	1.11	1 U	5 U		1.83		0.5 U	4.95	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2002Q4	11/26/02	18:20	0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.85	1 U	5 U		3.87		0.5 U	7.86	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2003Q1	02/05/03	13:10	0.5 U	1.15	0.5 U	1.25	0.58	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	12.9	1 U	5 U		34		0.5 U	21.5	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2003Q2	05/26/03	12:40	0.5 U	1.12	0.5 U	1.32	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	13	1 U	5 U		29.2		0.5 U	20.1	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2003Q3	08/11/03	14:55	0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.25	1 U	5 U		12.2		0.5 U	11.8	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2003Q4	11/11/03	11:30	0.5 U	0.8	0.5 U	0.92	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.9	1 U	5 U		23.2		0.5 U	16.2	0.5 U	0.5 U
CM-MW-20s	SH	DP	27.5	2004Q1	01/29/04	10:25	0.5 U	1.01	0.5 U	1.18	0.65	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	13.3	1 U	5 U		38.4		0.5 U	22.2	0.5 U	0.5 U
CM-MW-20s	SH	D	27.5	2004Q1	01/29/04	10:25	0.5 U	1.02	0.5 U	1.1	0.57	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	13.1	1 U	5 U		38.8		0.5 U	22	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2004Q2	05/04/04	10:50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	7.18	1 U	5 U	1 U	18.5	1 U	1 U	13.6	1 U	1 U
CM-MW-20s	SH		27.5	2004Q3	08/17/04	13:45	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	1 U	0.5 U	0.5 U	5 U	1.83	1 U	5 U		3.74		0.5 U	2.93	0.5 U	0.5 U
CM-MW-20s	SH	DP	27.5	2004Q4	11/17/04	11:00	0.5 U	0.55 J	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.63	1 U	5 U		20		0.5 U	13.9	0.5 U	0.5 U
CM-MW-20s	SH	D	27.5	2004Q4	11/17/04	11:00	0.5 U	0.57 J	0.5 U	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.51	1 U	5 U		20		0.5 U	14	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2005Q1	02/04/05	13:15	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	1 U	0.5 U	0.5 U	5 U	5.16	1 U	5 U		14		0.5 U	12.9	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2005Q2	05/20/05	11:28	0.5 U	2.45 J	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	1.2	5 U	5.52	1 U	5 U		33.3		0.5 U	81.6 J	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2005Q3	08/19/05	9:23	1 U	2.4	1 U	4.45	1.68	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	5.04	1 U	1 U		1 U		1 U	1 U	1 U	1 U
CM-MW-20s	SH		27.5	2005Q4	11/10/05	13:00	0.5 U	3.15	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 U	0.5 U	0.6	5 U	1.92	1 U	5 U		38.1		0.5 U	130	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2006Q2	06/05/06	14:48	0.5 U	2.71	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	1 U	0.5 U	0.98	5 U	3.61	1 U	5 U		40.6	0.5 U	0.5 U	115	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2006Q3	09/09/06	13:20	0.5 U	0.94	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	1 U	0.5 U	0.5 U	5 U	1.18	1 U	5 U		13	0.5 U	0.5 U	42.2	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2006Q4	12/06/06	16:26	0.5 U	1.14	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	1 U	0.5 U	0.5 U	5 U	1.08	1 U	5 U		17.2	0.5 U	0.5 U	46.7	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2007Q1	02/10/07	11:45	0.5 U	0.86	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	1 U	0.5 U	0.5 U	5 U	0.88	1 U	5 U		13.9	0.5 U	0.5 U	40.2	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2007Q2	05/24/07	11:10	0.5 U	1.37	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	1 U	0.5 U	0.52 UB	5 U	1.59	1 U	5 U		21.4	0.5 U	0.5 U	48.3	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2007Q3	09/18/07	18:18	0.5 U	0.55	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	1 U	0.5 U	0.5 U	5 U	0.67	1 U	5 U		8.42	0.5 U	0.5 U	28.8	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2007Q4	12/17/07	12:34	0.5 U	0.74	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	1 U	0.5 U	0.5 U	5 U	1.38	1 U	5 U		10.4	0.5 U	0.5 U	22	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2008Q1	03/06/08	16:05	0.5 U	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	1 U	0.5 U	0.5 U	5 U	0.89	1 U	5 U		12.9	0.5 U	0.5 U	28.6	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2008Q2	06/18/08	13:55	0.5 U	0.91	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	1 U	0.5 U	0.72	5 U	1.95	1 U	5 U		18.3	0.5 U	0.5 U	37.2	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2008Q3	09/19/08	17:38	0.5 U	0.67	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	0.59	0.5 U	2 U	2 U	9.4	0.5 U	0.5 U	22	0.5 U	
CM-MW-20s	SH		27.5	2008Q4	12/09/08	16:12	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	0.5 U	0.5 U	0.5 U	0.54	0.5 U	2 U		6.8	0.5 U	0.5 U	20	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2009Q1	04/06/09	10:30	0.5 U	0.58	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	0.5 U	1.1	0.5 U	2 U		12	0.5 U	0.5 U	28	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2009Q2	06/16/09	11:45	0.5 U	0.73	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	0.69	0.5 U	2.3	0.5 U	2 U		18	0.5 U	0.5 U	37	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2009Q4	12/17/09	10:12	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	0.5 U	0.5 U	0.5 U	0.85	0.5 U	2 U		3.8	0.5 U	0.5 U	6	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2010Q1	03/25/10	13:18	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.8	0.5 U	0.5 U	3.8	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2010Q2	06/17/10	15:45	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.6	0.5 U	0.5 U	2	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2010Q3	09/28/10	16:15	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	0.5 U	0.5 U	0.5 U	1.5	0.5 U	2 U		3.1	0.5 U	0.5 U	3.8	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2010Q4	12/09/10	13:32	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.1	0.5 U	0.5 U	3.1	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2011Q1	03/21/11	16:10	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	0.5 U	0.5 U	0.5 U	0.71	0.5 U	2 U		1.9	0.5 U	0.5 U	2.3	0.5 U	0.5 U
CM-MW-20s	SH	DP	27.5	2011Q3	09/19/11	14:12	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	1 U	0.5 U	0.5 U	5 U	1.28	1 U	5 U		2.1	0.5 U	0.5 U	2.48	0.5 U	0.5 U
CM-MW-20s	SH	D	27.5	2011Q3	09/19/11	14:12	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	1 U	0.5 U	0.5 U	5 U	1.32	1 U	5 U		2.02	0.5 U	0.5 U	2.18	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2012Q1	03/26/12	14:33	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	1 U	0.5 U	0.5 U	5 U	1.4	1 U	5 U		2.2	0.5 U	0.5 U	2.1	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2012Q3	09/12/12	11:44	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.8	0.5 U	0.5 U	1.9	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2013Q1	03/14/13	14:36	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.6	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2014Q1	03/28/14	13:56	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	1.3	0.5 U	0.5 U
CM-MW-20s	SH		27.5	2014Q3	09/08/14	17:01	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-20s	SH		27.5	2015Q1	03/20/15	14:46	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.02	0.5 U	0.5 U	0.92	1 U	0.5 U
CM-MW-21s	SH		56.5	2002Q3	07/25/02	9:45	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		3.5	1 U	0.5 U	7.01	5 U	0.5 U	2.02	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21s	SH		56.5	2002Q3	08/22/02	13:30	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		3.98	1 U	0.5 U	7.18	5 U	0.5 U	2.27	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21s	SH		56.5	2002Q4	11/20/02	10:45	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		2.97	1 U	0.5 U	5.87	5 U	0.5 U	1.4	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-21s	SH		56.5	2003Q1	02/06/03	16:35	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		1.85	1 U	0.5 U	4.25	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21s	SH		56.5	2003Q2	05/20/03	9:40	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	1 U	0.5 U	5.88	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21s	SH		56.5	2004Q1	01/29/04	12:30	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	1 U	0.5 U	5.18	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21s	SH		56.5	2004Q4	11/17/04	9:50	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	1 U	0.5 U	4.9	5 U	0.5 U	1 U	5 U		0.5		0.5 U	0.52	0.5 U	0.5 U
CM-MW-21s	SH		56.5	2005Q1	02/01/05	9:50	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	1 U	0.5 U	4.1	5 UJ	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21s	SH	DP	56.5	2007Q1	02/16/07	10:40	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	1 U	0.5 U	1.58	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21s	SH	D	56.5	2007Q1	02/16/07	10:40	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	1 U	0.5 U	1.44	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21s	SH		56.5	2008Q1	03/06/08	14:50	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	1 U	0.5 U	0.87	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21s	SH		56.5	2009Q1	04/06/09	11:45	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	0.5 U	1.1	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
CM-MW-21s	SH		56.5	2009Q3	09/22/09	10:45	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	0.5 U	1.1	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
CM-MW-21s	SH		56.5	2010Q1	03/23/10	14:10	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	0.5 U	0.5 U	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
CM-MW-21s	SH		56.5	2011Q1	03/16/11	13:08	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	0.5 U	1.3	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
CM-MW-21s	SH		56.5	2012Q1	03/29/12	15:12	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	1 U	0.5 U	0.82 J	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21s	SH		56.5	2014Q1	03/31/14	10:02	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21s	SH		56.5	2015Q1	03/17/15	11:06	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-23s	SH		34	2003Q4	11/20/03	14:25	0.5 U	0.51	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 U	0.5 U	0.68	5 U	3.25	1 U	5 U		10.1		0.5 U	8.27	0.5 U	0.5 U
CM-MW-23s	SH		34	2004Q1	01/28/04	15:15	0.5 UJ	0.69 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	1 UJ	0.5 UJ	0.77 J	5 UJ	3.93 J	1 UJ	5 UJ		14.2 J		0.5 UJ	12 J	0.5 UJ	0.5 UJ
CM-MW-23s	SH		34	2004Q2	05/03/04	14:40	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	2.19	1 U	5 U	1 U	8.15	1.06	1 U	7.07	1 U	1 U
CM-MW-23s	SH		34	2004Q3	08/24/04	10:45	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1.33	1 U	5 U	1 U	4.45	1.09	1 U	5.89	1 U	1 U
CM-MW-23s	SH		34	2004Q4	11/15/04	14:55	0.5 U	0.89	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 U	0.5 U	0.5 U	5 U	1.57	1 U	5 U		6.57		0.5 U	14.3	0.5 U	0.5 U
CM-MW-23s	SH		34	2005Q1	02/03/05	13:40	0.5 U	1.28	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 U	0.5 U	0.5 U	5 U	2.25	1 U	5 U		7.99		0.5 U	22.3	0.5 U	0.5 U
CM-MW-23s	SH		34	2005Q2	05/17/05	14:48	0.5 U	1.95	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 U	0.5 U	0.5 U	5 U	2.18	1 U	5 U		8.24		0.5 U	33.7	0.5 U	0.5 U
CM-MW-23s	SH		34	2005Q3	08/16/05	10:02	1 U	2.27	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1.8	1 U	1 U		10.5		1 U	52.3	1 U	1 U
CM-MW-23s	SH		34	2005Q4	10/21/05	8:56	0.5 U	2.94	0.5 U	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.5	1 U	5 U		13.5		0.5 U	61.8	0.5 U	0.5 U
CM-MW-23s	SH		34	2005Q4	10/28/05	9:03	0.5 U	2.75	0.5 U	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.76	1 U	5 U		12.7		0.5 U	59.3	0.5 U	0.5 U
CM-MW-23s	SH	DP	34	2005Q4	11/10/05	13:55	0.5 U	3.64	0.5 U	0.53	0.64	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5	5 U	3.84	1 U	5 U		20.5		0.5 U	75.2	0.5 U	0.5 U
CM-MW-23s	SH	D	34	2005Q4	11/10/05	13:55	0.5 U	3.55	0.5 U	0.59	0.7	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.03	1 U	5 U		20		0.5 U	74.6	0.5 U	0.5 U
CM-MW-23s	SH		34	2006Q2	06/06/06	15:30	0.5 U	1.43	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	1 U	0.5 U	0.5 U	5 U	2.19	1 U	5 U		9.79	0.5 U	0.5 U	32.8	0.5 U	0.5 U
CM-MW-23s	SH		34	2006Q3	09/08/06	13:23	0.5 U	1.68	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	1 U	0.5 U	0.5 U	5 U	1.23	1 U	5 U		7.48	0.5 U	0.5 U	23.8	0.5 U	0.5 U
CM-MW-23s	SH		34	2007Q1	02/09/07	15:27	0.5 U	1.17	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	1 U	0.5 U	0.5 U	5 U	1.94	1 U	5 U		9.36	0.5 U	0.5 U	30.3	0.5 U	0.5 U
CM-MW-23s	SH		34	2007Q2	05/24/07	11:50	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	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.81	1 U	5 U		9.2	0.5 U	0.5 U	28.4	0.5 U	0.5 U
CM-MW-23s	SH		34	2007Q3	09/13/07	11:06	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	5.97 J	1 U	1 U	21.3 J	1 U	1 U
CM-MW-23s	SH		34	2008Q1	03/04/08	15:18	0.5 U	0.96	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	1 U	0.5 U	0.5 U	5 U	1.45	1 U	5 U		6.76	0.5 U	0.5 U	23.3	0.5 U	0.5 U
CM-MW-23s	SH		34	2008Q3	09/17/08	16:19	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	0.5 U	0.5 U	0.5 U	0.85	0.5 U	2 U		5.4	0.5 U	0.5 U	18	0.5 U	0.5 U
CM-MW-23s	SH		34	2009Q1	03/30/09	12:30	0.5 U	0.65	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	0.5 U	1.2	0.5 U	2 U		4.6	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-23s	SH		34	2009Q2	06/17/09	14:30	0.5 U	0.54	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	0.5 U	1.3	0.5 U	2 U		5.7	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-23s	SH		34	2009Q3	09/17/09	12:10	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	0.5 U	0.5 U	0.5 U	1.4	0.5 U	2 U		4.9	0.5 U	0.5 U	9.4	0.5 U	0.5 U
CM-MW-23s	SH		34	2009Q4	12/17/09	12:55	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	0.5 U	0.5 U	0.5 U	2.3	0.5 U	2 U		5.8	0.5 U	0.5 U	8.9	0.5 U	0.5 U
CM-MW-23s	SH		34	2010Q1	03/18/10	11:10	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	0.5 U	0.68	0.5 U	1.7	0.5 U	2 U		5.6	0.5 U	0.5 U	6.3	0.5 U	0.5 U
CM-MW-23s	SH		34	2010Q2	06/15/10	10:15	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	0.5 U	0.89	0.5 U	1.3	0.5 U	2 U		4.4	0.5 U	0.5 U	6.4	0.5 U	0.5 U
CM-MW-23s	SH		34	2010Q3	09/27/10	11:58	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	0.5 U	0.86	0.5 U	1.6	0.5 U	2 U		5.2	0.5 U	0.5 U	6.2	0.5 U	0.5 U
CM-MW-23s	SH		34	2010Q4	12/08/10	11:21	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	0.5 U	0.86	0.5 U	1.6	0.5 U	2 U		4.8	0.5 U	0.5 U	6.3	0.5 U	0.5 U
CM-MW-23s	SH		34	2011Q1	03/21/11	13:39	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	0.5 U	0.73	0.5 U	0.77	0.5 U	2 U		3.2	0.5 U	0.5 U	5.3	0.5 U	0.5 U
CM-MW-23s	SH		34	2011Q3	09/20/11	13:54	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	1 U	0.5 U	0.56	5 U	0.71	1 U	5 U		2.39	0.5 U	0.5 U	3.39	0.5 U	0.5 U
CM-MW-23s	SH		34	2012Q1	03/26/12	17:38	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	1 U	0.5 U	0.67 J	5 U	0.7 J	1 U	5 U		3	0.5 U	0.5 U	4.3	0.5 U	0.5 U
CM-MW-23s	SH		34	2012Q3	09/06/12	15:11	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	1 U	0.5 U	0.51 UB	5 U	0.5 U	1 U	5 U		2.3	0.5 U	0.5 U	3.1	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-23s	SH		34	2013Q1	03/14/13	10:22	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.1	0.5 U	0.5 U	2.3	0.5 U	0.5 U
CM-MW-23s	SH		34	2013Q3	09/24/13	16:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.8	0.5 U	0.5 U	2.1	0.5 U	0.5 U
CM-MW-23s	SH		34	2014Q1	03/26/14	14:40	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2	0.5 U	0.5 U	2.6	0.5 U	0.5 U
CM-MW-23s	SH		34	2014Q3	09/08/14	13:54	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.24	0.5 U	0.5 U	1.37	1 U	0.5 U
CM-MW-23s	SH		34	2015Q1	03/19/15	13:33	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.62	0.5 U	0.5 U	2.28	1 U	0.5 U
CM-MW-23s	SH		34	2015Q3	09/09/15	9:23	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.33	0.5 U	0.5 U	1.65	1 U	0.5 U
CM-MW-24s	SH		25	2003Q4	11/21/03	10:10	0.5 U	0.89	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.26		0.5 U	17	0.5 U	0.5 U
CM-MW-24s	SH		25	2004Q1	01/28/04	16:55	0.5 UJ	1.06 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	0.5 UJ	1 UJ	5 UJ		1.92 J		0.5 UJ	17.1 J	0.5 UJ	0.5 UJ
CM-MW-24s	SH		25	2004Q2	05/03/04	12:55	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1.67	1.97	1 U	10.7	1 U	1 U
CM-MW-24s	SH		25	2004Q3	08/23/04	14:15	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1.4	18.6	1 U	9.31	1 U	1 U
CM-MW-24s	SH		25	2004Q4	11/15/04	14:20	0.5 U	0.69	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.95		0.5 U	14.2	0.5 U	0.5 U
CM-MW-24s	SH		25	2005Q1	02/03/05	14:14	0.5 U	0.99	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 U	0.5 U	0.5 U	5 U	0.58	1 U	5 U		2.12		0.5 U	14.9	0.5 U	0.5 U
CM-MW-24s	SH		25	2005Q2	05/20/05	8:56	0.5 U	1.39	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 U	0.5 U	0.5 U	5 U	0.61	1 U	5 U		3.06		0.5 U	21.4	0.5 U	0.5 U
CM-MW-24s	SH		25	2005Q3	08/16/05	11:20	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1.77		1 U	11.6	1 U	1 U
CM-MW-24s	SH		25	2005Q4	11/15/05	15:05	0.5 U	0.84	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.15		0.5 U	15.6	0.5 U	0.5 U
CM-MW-24s	SH		25	2006Q2	06/05/06	16:10	0.5 U	0.5	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.96	0.54	0.5 U	12.8	0.5 U	0.5 U
CM-MW-24s	SH		25	2006Q3	09/08/06	15:28	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.35	0.5 U	0.5 U	8.06	0.5 U	0.5 U
CM-MW-24s	SH		25	2007Q1	02/13/07	12:28	0.5 U	0.87	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	1 U	0.5 U	0.5 U	5 U	0.51	1 U	5 U		2.73	0.5 U	0.5 U	19.7	0.5 U	0.5 U
CM-MW-24s	SH		25	2007Q3	09/13/07	12:41	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1.87 J	1 U	1 U	8.04 J	1 U	1 U
CM-MW-24s	SH		25	2008Q1	03/04/08	13:00	0.5 U	0.76	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.67	0.5 U	0.5 U	17.5	0.5 U	0.5 U
CM-MW-24s	SH		25	2008Q3	09/17/08	14:25	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.6	0.5 U	0.5 U	6.1	0.5 U	0.5 U
CM-MW-24s	SH		25	2009Q1	03/25/09	12:55	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.6	0.5 U	0.5 U	9.4	0.5 U	0.5 U
CM-MW-24s	SH		25	2009Q2	06/16/09	13:50	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.4	0.5 U	0.5 U	5.5	0.5 U	0.5 U
CM-MW-24s	SH		25	2009Q3	09/16/09	12:45	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.6	0.5 U	0.5 U	5.5	0.5 U	0.5 U
CM-MW-24s	SH		25	2010Q1	03/17/10	10:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.4	0.5 U	0.5 U	6.1	0.5 U	0.5 U
CM-MW-24s	SH		25	2010Q3	09/23/10	17:22	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.98	0.5 U	0.5 U	2	0.5 U	0.5 U
CM-MW-24s	SH		25	2011Q1	03/17/11	9:54	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.97	0.5 U	0.5 U	3.8	0.5 U	0.5 U
CM-MW-24s	SH		25	2011Q3	09/13/11	11:38	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.68	0.5 U	0.5 U	1.27	0.5 U	0.5 U
CM-MW-24s	SH	DP	25	2012Q1	03/21/12	13:14	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.71 J	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-MW-24s	SH	D	25	2012Q1	03/21/12	13:14	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.76 J	0.5 U	0.5 U	1.6	0.5 U	0.5 U
CM-MW-24s	SH		25	2012Q3	09/05/12	15:42	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U
CM-MW-24s	SH		25	2013Q1	03/13/13	16:24	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-24s	SH		25	2013Q3	09/23/13	16:17	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-24s	SH		25	2014Q1	03/24/14	16:14	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.52	0.5 U	0.5 U
CM-MW-24s	SH		25	2014Q3	09/03/14	13:14	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-24s	SH		25	2015Q1	03/09/15	16:00	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-24s	SH		25	2015Q3	09/02/15	15:04	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-25s	SH		21	2004Q1	01/27/04	13:25	0.5 U	8.59	0.5 U	0.76	0.92	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.92	5 UJ	9.63	1 U	5 U		72.7		0.5 U	167	0.5 U	0.5 U
CM-MW-25s	SH		21	2004Q2	05/05/04	14:40	1 U	6.25	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.34	5 U	9.9	1 U	5 U	1 U	60.7	1 U	1 U	146	1 U	1 UJ
CM-MW-25s	SH		21	2004Q2	06/08/04	9:09	0.5 U	5.94	0.5 U	0.64	0.82	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.43	5 U	7.45	1 U	5 U		57.4		0.5 U	103	0.5 U	0.5 U
CM-MW-25s	SH		21	2004Q3	07/16/04	9:15	2 U	3.85	2 U	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	10 U	11.3	2 U	10 U		37.9		2 U	54.8	2 U	2 U
CM-MW-25s	SH		21	2004Q3	07/26/04	11:15	0.5 U	4.91	0.5 U	1.39	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		12.8		0.5 UJ	0.5 U	0.5 U	0.5 UJ
CM-MW-25s	SH		21	2004Q3	08/09/04	13:30	0.5 U	5.28	0.5 U	1.44	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		23.9		0.5 U	1	0.5 U	0.5 U
CM-MW-25s	SH		21	2004Q3	08/16/04	11:45	0.5 U	5.83	0.5 U	1.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	3.11	1 U	5 U		37.3		0.5 U	33.4	0.5 U	0.5 U
CM-MW-25s	SH		21	2004Q3	09/13/04	11:30	0.5 U	5.23	0.5 U	1.38	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		21.7		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-25s	SH	ASC	21	2004Q4	10/12/04	9:41	0.5 U	5.89	0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		24.3		0.5 U	0.5 U	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-25s	SH		21	2004Q4	10/12/04	9:40	0.5 U	5.84	0.5 U	1.29	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		15.6		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-25s	SH		21	2004Q4	11/15/04	13:05	0.5 U	5.68	0.5 U	1.16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		5.19		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-25s	SH	ASC	21	2005Q1	01/25/05	9:50	0.5 U	5.83 UJ	0.5 U	1.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		11.7		0.5 U	0.7	0.5 U	0.5 U
CM-MW-25s	SH	ASC	21	2005Q1	02/04/05	12:26	0.5 U	5.27	0.5 U	1.19	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		12.1		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-25s	SH		21	2005Q1	02/04/05	12:25	0.5 U	5.45	0.5 U	1.28	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		9.04		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-25s	SH	ASC	21	2005Q1	02/23/05	9:00	0.5 U	5.85	0.5 U	1.22	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		13.9		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-25s	SH		21	2005Q1	02/23/05	8:59	0.5 U	5.61	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		9.8		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-25s	SH	ASC	21	2005Q1	03/30/05	8:59	0.5 U	5.36	0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		8.35		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-25s	SH	ASC	21	2005Q2	05/24/05	9:14	0.5 UJ	4.26 J	0.5 UJ	1.1 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	0.5 UJ	1 UJ	5 UJ		5.12 J		0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
CM-MW-25s	SH	ASC	21	2005Q3	08/24/05	15:31	1 U	3.83	1 U	1.07	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		3.96		1 U	1 U	1 U	1 U
CM-MW-25s	SH	ASC	21	2005Q4	11/15/05	13:23	0.5 U	3.94	0.5 U	1.11	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.53		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-25s	SH		21	2006Q2	06/05/06	12:35	0.5 U	1.85	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.92	1.11	0.5 U	4.18	0.5 U	0.5 U
CM-MW-25s	SH		21	2006Q3	09/06/06	13:35	0.5 U	2.04	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3	0.5 U	0.5 U	4.16	0.5 U	0.5 U
CM-MW-25s	SH		21	2007Q1	02/09/07	12:50	0.5 U	1.65	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.55	0.5 U	0.5 U	3.57	0.5 U	0.5 U
CM-MW-25s	SH		21	2007Q3	09/19/07	11:36	0.5 U	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.89	0.6	0.5 U	5.31	0.5 U	0.5 U
CM-MW-25s	SH		21	2007Q4	12/11/07	14:47	0.5 UJ	0.92 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	0.5 UJ	1 UJ	5 UJ		3.4 J	0.65 J	0.5 UJ	3.18 J	0.5 UJ	0.5 UJ
CM-MW-25s	SH		21	2008Q1	03/05/08	14:06	0.5 U	0.97	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	1 U	0.5 U	0.51	5 U	0.5 U	1 U	5 U		3.36	0.5 U	0.5 U	2.83	0.5 U	0.5 U
CM-MW-25s	SH		21	2008Q2	06/18/08	12:18	0.5 U	0.51	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	1 U	0.5 U	1.59	5 U	0.5 U	1 U	5 U		1.82	0.5 U	0.5 U	0.97	0.5 U	0.5 U
CM-MW-25s	SH		21	2008Q3	09/18/08	13:09	0.5 U	0.6	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	1.1	0.5 U	0.5 U	0.5 U	2 U		3.3	0.5 U	0.5 U	3.4	0.5 U	0.5 U
CM-MW-25s	SH		21	2008Q4	12/08/08	15:32	0.5 U	0.54	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	1.4	0.5 U	0.5 U	0.5 U	2 U		3.2	0.5 U	0.5 U	4.6	0.5 U	0.5 U
CM-MW-25s	SH		21	2009Q1	03/31/09	10:20	0.5 U	0.53	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	0.88	0.5 U	0.5 U	0.5 U	2 U		4.7	0.5 U	0.5 U	8.1	0.5 U	0.5 U
CM-MW-25s	SH		21	2009Q2	06/18/09	12:55	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	0.5 U	0.53	0.5 U	0.5 U	0.5 U	2 U		6.6	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-25s	SH		21	2009Q3	09/16/09	14:10	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	0.5 U	0.5 U	0.5 U	0.61	0.5 U	2 U		4.5	0.5 U	0.5 U	8.9	0.5 U	0.5 U
CM-MW-25s	SH		21	2009Q4	12/15/09	14:35	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	0.5 U	0.5 U	0.5 U	1.3	0.5 U	2 U		7.7	0.5 U	0.5 U	19	0.5 U	0.5 U
CM-MW-25s	SH		21	2010Q1	03/18/10	11:50	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	0.5 U	0.5 U	0.5 U	1.2	0.5 U	2 U		6.4	0.5 U	0.5 U	19	0.5 U	0.5 U
CM-MW-25s	SH		21	2010Q2	06/15/10	9:28	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	0.5 U	0.5 U	0.5 U	0.77	0.5 U	2 U		3.7	0.5 U	0.5 U	8.2	0.5 U	0.5 U
CM-MW-25s	SH		21	2010Q3	09/27/10	15:24	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	0.5 U	0.5 U	0.5 U	1.2	0.5 U	2 U		5.2	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-25s	SH		21	2010Q4	12/08/10	12:53	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	0.5 U	0.5 U	0.5 U	0.63	0.5 U	2 U		3.5	0.5 U	0.5 U	10	0.5 U	0.5 U
CM-MW-25s	SH		21	2011Q1	03/17/11	15:57	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.2	0.5 U	0.5 U	10	0.5 U	0.5 U
CM-MW-25s	SH		21	2011Q2	06/08/11	10:48	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2	0.5 U	0.5 U	4.2	0.5 U	0.5 U
CM-MW-25s	SH	DP	21	2011Q3	09/14/11	14:42	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	1 U	0.5 U	0.55	5 U	0.96	1 U	5 U		3.8	0.5 U	0.5 U	6.13	0.5 U	0.5 U
CM-MW-25s	SH	D	21	2011Q3	09/14/11	14:42	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	1 U	0.5 U	0.55	5 U	0.87	1 U	5 U		3.37	0.5 U	0.5 U	6.12	0.5 U	0.5 U
CM-MW-25s	SH		21	2011Q4	12/07/11	11:13	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	1 U	0.5 U	0.59	5 U	1.23	1 U	5 U		3.8	0.5 U	0.5 U	6.41	0.5 U	0.5 U
CM-MW-25s	SH		21	2012Q1	03/27/12	18:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.1	0.5 U	0.5 U	3.9	0.5 U	0.5 U
CM-MW-25s	SH		21	2012Q2	06/20/12	10:10	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	1 U	0.5 U	0.5 U	5 U	0.54 J	1 U	5 U		2.7	0.5 U	0.5 U	5	0.5 U	0.5 U
CM-MW-25s	SH		21	2012Q3	09/11/12	9:22	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	1 U	0.5 U	0.63	5 U	1.2	1 U	5 U		4.4	0.5 U	0.5 U	6.3	0.5 U	0.5 U
CM-MW-25s	SH		21	2013Q1	03/12/13	12:00	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	1 U	0.5 U	0.5 U	5 U	0.59	1 U	5 U		4	0.5 U	0.5 U	5.3	0.5 U	0.5 U
CM-MW-25s	SH		21	2013Q3	09/25/13	11:25	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.58	1 U	5 U		2.9	0.5 U	0.5 U	4.4	0.5 U	0.5 U
CM-MW-25s	SH		21	2014Q1	03/27/14	13:08	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.1	0.5 U	0.5 U	3.3	0.5 U	0.5 U
CM-MW-25s	SH		21	2014Q3	09/08/14	12:52	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.05	0.5 U	0.5 U	2.91	1 U	0.5 U
CM-MW-25s	SH		21	2015Q1	03/17/15	15:44	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.73	0.5 U	0.5 U	2.29	1 U	0.5 U
CM-MW-25s	SH		21	2015Q3	09/23/15	10:30	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	0.25 U	0.5 U	1 U	1 U	0.5 U	5 U	0.5 U	1 U	5 U		1.68	0.5 U	0.5 U	2.38	1 U	0.5 U
CM-MW-26s	SH		24	2004Q2	05/06/04	11:25	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	3.79	1 U	1 U	1 U	1 U	1 U
CM-MW-26s	SH		24	2004Q2	06/07/04	10:55	0.5 U	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	1 UJ	0.5 U	0.5 U	5 U	4.43	1 U	5 U		15.1		0.5 U	13	0.5 U	0.5 U
CM-MW-26s	SH		24	2004Q3	07/15/04	13:30	0.5 U	1.44	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 U	0.5 U	0.64	5 U	1.07	1 U	5 U		12.5		0.5 U	17.8	0.5 U	0.5 U
CM-MW-26s	SH	DP	24	2004Q3	08/16/04	10:45	0.5 U	2.83	0.5 U	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.15	5 U	2.09	1 U	5 U		14.7		0.5 U	22.5	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-26s	SH	D	24	2004Q3	08/16/04	10:45	0.5 U	2.87	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.13	5 U	2.17	1 U	5 U		13.2		0.5 U	21.3	0.5 U	0.5 U
CM-MW-26s	SH	DP	24	2004Q3	09/23/04	14:25	0.5 U	4.75	0.5 U	1.18	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.64	5 U	1.02	1 U	5 U		21		0.5 U	14.5	0.5 U	0.5 U
CM-MW-26s	SH	D	24	2004Q3	09/23/04	14:25	0.5 U	4.82	0.5 U	1.09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.66	5 U	1.06	1 U	5 U		20.7		0.5 U	14.1	0.5 U	0.5 U
CM-MW-26s	SH	ASC	24	2004Q4	10/12/04	14:01	0.5 U	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	1 U	0.5 U	0.9	5 U	0.5 U	1 U	5 U		8.8		0.5 U	2.44	0.5 U	0.5 U
CM-MW-26s	SH		24	2004Q4	10/12/04	14:00	0.5 U	0.82	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 U	0.5 U	0.9	5 U	0.5 U	1 U	5 U		8.57		0.5 U	0.65	0.5 U	0.5 U
CM-MW-26s	SH		24	2004Q4	11/15/04	10:15	0.5 U	0.78	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 U	0.5 U	0.5	5 U	0.5 U	1 U	5 U		6.32		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH	ASC	24	2005Q1	01/26/05	10:10	0.5 U	0.7 J	0.5 U	0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.67	5 U	0.5 U	1 U	5 U		14.9		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH	DP	24	2005Q1	02/04/05	12:45	0.5 U	0.84	0.5 U	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		7.98		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH	D	24	2005Q1	02/04/05	12:45	0.5 U	0.8	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		7.9		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH	ASC DP	24	2005Q1	02/04/05	12:46	0.5 U	0.82	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		12.7		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH	ASC D	24	2005Q1	02/04/05	12:46	0.5 U	0.83	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		12.9		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH	ASC	24	2005Q1	02/23/05	13:34	0.5 U	0.75	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.95	5 UJ	0.5 U	1 UJ	5 U		12.3		0.5 U	2.03	0.5 U	0.5 U
CM-MW-26s	SH		24	2005Q1	02/23/05	13:33	0.5 U	0.68	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.89	5 UJ	0.5 U	1 UJ	5 U		11.7		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH		24	2005Q1	03/30/05	12:21	0.5 U	0.79	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	5.79	1 U	5 U		17.4		0.5 U	15	0.5 U	0.5 U
CM-MW-26s	SH	ASC	24	2005Q2	05/24/05	13:03	0.5 U	0.93	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		23.6 J		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH	ASC DP	24	2005Q3	08/24/05	12:11	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		4.39		1 U	1 U	1 U	1 U
CM-MW-26s	SH	ASC D	24	2005Q3	08/24/05	12:11	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		4.59		1 U	1 U	1 U	1 U
CM-MW-26s	SH	ASC	24	2005Q4	11/15/05	14:00	0.5 U	0.78	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 U	0.5 U	0.69	5 U	0.99	1 U	5 U		9.11		0.5 U	5.89	0.5 U	0.5 U
CM-MW-26s	SH		24	2006Q2	06/05/06	12:00	0.5 U	0.61	0.5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.11	1 U	5 U		17.2	0.5 U	0.5 U	9.71	0.5 U	0.5 U
CM-MW-26s	SH		24	2006Q3	09/06/06	12:50	0.5 U	0.64	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH		24	2007Q1	02/09/07	14:03	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.08	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH	DP	24	2007Q3	09/19/07	13:18	0.5 U	0.5	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	2.41	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH	D	24	2007Q3	09/19/07	13:18	0.5 U	0.56	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	2.42	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH		24	2007Q4	12/11/07	14:08	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	1 U	0.5 U	0.76	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH		24	2008Q1	03/05/08	14:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.42	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-26s	SH	DP	24	2008Q2	06/18/08	12:37	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.91	0.5 U	0.5 U	2.42	0.5 U	0.5 U
CM-MW-26s	SH	D	24	2008Q2	06/18/08	12:37	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.81	0.5 U	0.5 U	2.41	0.5 U	0.5 U
CM-MW-26s	SH		24	2008Q3	09/18/08	13:55	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	0.5 U	0.72	0.5 U	0.5 U	0.5 U	2 U		2.4	0.5 U	0.5 U	1.8	0.5 U	0.5 U
CM-MW-26s	SH		24	2008Q4	12/08/08	16:15	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		4.1	0.5 U	0.5 U	6.7	0.5 U	0.5 U
CM-MW-26s	SH		24	2009Q1	03/31/09	12:40	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	0.5 U	0.5 U	0.5 U	0.54	0.5 U	2 U		8.2	0.5 U	0.5 U	19	0.5 U	0.5 U
CM-MW-26s	SH	DP	24	2009Q2	06/18/09	12:25	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		5.6	0.5 U	0.5 U	10	0.5 U	0.5 U
CM-MW-26s	SH	D	24	2009Q2	06/18/09	12:25	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		7.3	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-26s	SH		24	2009Q3	09/16/09	13:45	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	0.5 U	0.5 U	0.5 U	1.2	0.5 U	2 U		5.3	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-26s	SH		24	2009Q4	12/17/09	11:30	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	0.5 U	0.5 U	0.5 U	1.7	0.5 U	2 U		4.8	0.5 U	0.5 U	6.5	0.5 U	0.5 U
CM-MW-26s	SH		24	2010Q1	03/18/10	12:35	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.4	0.5 U	0.5 U	3.7	0.5 U	0.5 U
CM-MW-26s	SH		24	2010Q2	06/15/10	11:46	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.6	0.5 U	0.5 U	1.9	0.5 U	0.5 U
CM-MW-26s	SH		24	2010Q3	09/27/10	14:51	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.9	0.5 U	0.5 U	2.7	0.5 U	0.5 U
CM-MW-26s	SH		24	2010Q4	12/09/10	10:50	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.7	0.5 U	0.5 U	2.4	0.5 U	0.5 U
CM-MW-26s	SH		24	2011Q1	03/17/11	16:47	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.2	0.5 U	0.5 U	1.3	0.5 U	0.5 U
CM-MW-26s	SH		24	2011Q2	06/08/11	11:42	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.2	0.5 U	0.5 U	1	0.5 U	0.5 U
CM-MW-26s	SH		24	2011Q3	09/15/11	9:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.36	0.5 U	0.5 U	1.97	0.5 U	0.5 U
CM-MW-26s	SH		24	2011Q4	12/07/11	11:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.22	0.5 U	0.5 U	1.59	0.5 U	0.5 U
CM-MW-26s	SH		24	2012Q1	03/27/12	18:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.4	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-MW-26s	SH		24	2012Q3	09/12/12	15:04	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	1.7	0.5 U	0.5 U
CM-MW-26s	SH		24	2013Q1	03/12/13	13:38	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.74	0.5 U	0.5 U	0.99	0.5 U	0.5 U
CM-MW-26s	SH		24	2013Q3	09/25/13	12:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.66	0.5 U	0.5 U	1.3	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-26s	SH	DP	24	2014Q1	03/27/14	13:51	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.81	0.5 U	0.5 U	0.9	0.5 U	0.5 U
CM-MW-26s	SH	D	24	2014Q1	03/27/14	13:51	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.78	0.5 U	0.5 U	0.85	0.5 U	0.5 U
CM-MW-26s	SH		24	2014Q3	09/08/14	11:25	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.68	1 U	0.5 U
CM-MW-26s	SH		24	2015Q1	03/17/15	16:40	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.63	0.5 U	0.5 U	0.74	1 U	0.5 U
CM-MW-26s	SH		24	2015Q3	09/03/15	13:50	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.55	0.5 U	0.5 U	0.75	1 U	0.5 U
CM-MW-27USA	SH		49.5	2004Q4	10/20/04	14:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	2.37	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2005Q1	02/03/05	11:55	0.5 U	0.57 J	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 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.83		0.5 U	4.89 J	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2005Q2	05/19/05	11:54	0.5 U	0.66 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1		0.5 U	5.52 J	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2005Q3	08/17/05	14:10	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1.88	1 U	1 U
CM-MW-27USA	SH		49.5	2005Q4	11/15/05	12:30	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.93		0.5 U	5.51	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2006Q2	06/02/06	14:55	0.5 U	0.56	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.57	0.5 U	0.5 U	6.91	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2006Q3	09/05/06	15:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.91	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2007Q1	02/15/07	11:10	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.51	0.5 U	0.5 U	2.94	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2007Q3	09/10/07	16:04	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.83	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2008Q1	02/25/08	13:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.7	0.5 U	0.5 U	3.27	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2008Q3	09/16/08	16:54	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.4	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2009Q1	03/27/09	11:55	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.63	0.5 U	0.5 U	2.7	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2009Q2	06/16/09	13:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	2.9	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2009Q3	09/15/09	9:15	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	2.1	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2009Q4	12/16/09	13:45	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	3.2	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2010Q1	03/17/10	11:55	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	0.5 U	0.57	0.5 U	0.5 U	0.5 U	2 U		0.64	0.5 U	0.5 U	2.8	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2010Q2	06/17/10	9:56	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.94	0.5 U	0.5 U	4.2	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2010Q3	09/27/10	14:09	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.3	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2010Q4	12/08/10	15:28	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2011Q1	03/15/11	14:06	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5	0.5 U	0.5 U	2.4	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2011Q3	09/12/11	17:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.41	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2012Q1	03/26/12	16:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.7	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2012Q3	09/05/12	11:34	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		0.5 U	0.5 U	0.5 U	0.99	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2013Q1	03/18/13	10:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2013Q3	09/23/13	10:40	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2014Q1	03/27/14	15:18	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U
CM-MW-27USA	SH		49.5	2014Q3	09/04/14	11:33	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-27USA	SH		49.5	2015Q1	03/18/15	12:10	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.89	1 U	0.5 U
CM-MW-27USA	SH		49.5	2015Q3	09/22/15	15:15	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	0.25 U	0.5 U	1 U	1 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.52	1 U	0.5 U
CM-VE-09	SH		17.5	2002Q1	03/22/02	11:10	10 U	23	10 U	10 U	15.8	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	24.4	20 U	100 U		234		10 U	2080	10 U	10 U
CM-VE-09	SH		17.5	2002Q3	08/23/02	15:30	10 U	13.8	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	19.6	20 U	100 U		169		10 U	1640	10 U	10 U
CM-VE-09	SH		17.5	2002Q4	11/19/02	16:55	10 U	23.6	10 U	10 U	16.6	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10.8	100 U	30.6	20 U	100 U		219		10 U	2180	10 U	10 U
CM-VE-09	SH		17.5	2003Q1	02/06/03	10:05	2.5 U	5.85	2.5 U	2.5 U	4.05	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	7.1	25 U	9.3	5 U	25 U		62.1		2.5 U	567	2.5 U	2.5 U
CM-VE-09	SH		17.5	2003Q2	05/27/03	13:45	2.5 U	10.6	2.5 U	2.5 U	5.8	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	7.6	25 U	14.4	5 U	25 U		103		2.5 U	895	2.5 U	2.5 U
CM-VE-09	SH		17.5	2003Q3	08/05/03	13:00	5 U	7.9	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5.5	50 U	12.1	10 U	50 U		102		5 U	921	5 U	5 U
CM-VE-09	SH		17.5	2003Q4	11/13/03	11:30	5 U	11.1	5 U	5 U	11.7	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5	50 U	25.3	10 U	50 U		120		5 U	1350	5 U	5 U
CM-VE-09	SH		17.5	2004Q1	01/30/04	9:05	1 U	3.16 J	1 U	1 U	2.42	1 U	1 U	1 U	1 U		1 U	2 U	1 U	3.5	10 U	6.9	2 U	10 UJ		38.2		1 U	380	1 U	1 U
CM-VE-09	SH		17.5	2004Q2	05/07/04	12:00	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	4.18	2 U	10 U	2 U	28.6	2 U	2 U	201	2 U	2 U
CM-VE-09	SH		17.5	2004Q3	08/20/04	13:30	0.5 U	1.13	0.5 U	0.5 U	0.77	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.87	5 U	3.36	1 U	5 U		23		0.5 U	144	0.5 U	0.5 U
CM-VE-09	SH		17.5	2004Q4	10/26/04	13:00	0.5 U	2.08	0.5 U	0.5 U	1.14	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.01	5 U	4.16	1 U	5 U		63		0.5 U	194	0.5 U	0.5 U
CM-VE-09	SH		17.5	2004Q4	11/15/04	14:35	1 U	1.94	1 U	1 U	1	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1.08	10 U	4.3	2 U	10 U		56.9		1 U	209	1 U	1 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-VE-09	SH		17.5	2005Q1	01/20/05	10:45	1 U	1.82	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1.08	10 U	4.76	2 U	10 U		75.2		1 U	193	1 U	1 U
CM-VE-09	SH		17.5	2005Q1	02/01/05	9:42	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	1 UJ	0.5 U	0.5 U	5 U	0.95	1 U	5 U		4.99		0.5 U	23.5	0.5 U	0.5 U
CM-VE-09	SH		17.5	2005Q2	04/15/05	9:15	0.5 U	0.61	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 UJ	0.5 U	0.5 U	5 U	1.33	1 U	5 U		33		0.5 U	47.9	0.5 U	0.5 U
CM-VE-09	SH		17.5	2005Q2	05/18/05	12:35	0.5 U	1.83	0.5 U	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	1.41	5 U	2.99	1 U	5 U		68.1		0.5 U	127	0.5 U	0.5 U
CM-VE-09	SH		17.5	2005Q3	08/18/05	8:45	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		3.96		1 U	9.04	1 U	1 U
CM-VE-09	SH		17.5	2005Q4	11/10/05	12:26	0.5 U	0.66	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 U	0.5 U	0.5 U	5 U	1.3	1 U	5 U		38		0.5 U	44.8	0.5 U	0.5 U
CM-VE-09	SH		17.5	2006Q3	09/12/06	14:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.49	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-VE-09	SH	DP	17.5	2007Q1	02/15/07	16:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		5.64	0.5 U	0.5 U	17.5	0.5 U	0.5 U
CM-VE-09	SH	D	17.5	2007Q1	02/15/07	16:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		6.21	0.5 U	0.5 U	18.2	0.5 U	0.5 U
CM-VE-09	SH		17.5	2007Q3	09/14/07	12:56	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	2.46	1 U	1 U	6.4	1 U	1 U
CM-VE-09	SH		17.5	2008Q1	02/29/08	15:03	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	1 U	0.5 U	0.5 U	5 U	0.6	1 U	5 U		5.74	0.5 U	0.5 U	22.2	0.5 U	0.5 U
CM-VE-09	SH		17.5	2009Q1	04/02/09	12:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.8	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-VE-09	SH		17.5	2009Q3	09/22/09	13:15	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.9	0.5 U	0.5 U	6.6	0.5 U	0.5 U
CM-VE-09	SH		17.5	2010Q1	03/19/10	11:55	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.3	0.5 U	0.5 U	3.8	0.5 U	0.5 U
CM-VE-09	SH		17.5	2010Q3	09/24/10	10:30	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.3	0.5 U	0.5 U	5.2	0.5 U	0.5 U
CM-VE-09	SH		17.5	2011Q1	03/18/11	10:41	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.77	0.5 U	0.5 U	1.3	0.5 U	0.5 U
CM-VE-09	SH		17.5	2011Q3	09/16/11	12:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.04	0.5 U	0.5 U	3.34	0.5 U	0.5 U
CM-VE-09	SH		17.5	2012Q1	03/23/12	11:57	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.58 J	0.5 U	0.5 U	1.1	0.5 U	0.5 U
CM-VE-09	SH		17.5	2012Q3	09/07/12	11:53	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		0.99	0.5 U	0.5 U	3.7	0.5 U	0.5 U
CM-VE-09	SH		17.5	2013Q1	03/15/13	11:31	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	4.5	0.5 U	0.5 U
CM-VE-09	SH		17.5	2013Q3	09/20/13	10:45	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	4.7	0.5 U	0.5 U
CM-VE-09	SH		17.5	2014Q1	03/28/14	11:12	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.84	0.5 U	0.5 U	2.2	0.5 U	0.5 U
CM-VE-09	SH		17.5	2014Q3	09/05/14	11:43	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.01	0.5 U	0.5 U	3.74	1 U	0.5 U
CM-VE-09	SH		17.5	2015Q1	03/06/15	12:02	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.07	0.5 U	0.5 U	2.87	1 U	0.5 U
CM-VE-09	SH		17.5	2015Q3	09/04/15	11:29	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.98	0.5 U	0.5 U	3.42	1 U	0.5 U
CM-VE-10	SH		17.5	2002Q1	03/22/02	11:55	100 U	172	100 U	100 U	100 U	100 U	100 U	100 U	100 U		100 U	200 U	100 U	100 U	1000 U	434	200 U	1000 U		2010		100 U	20300	100 U	100 U
CM-VE-10	SH	DP	17.5	2002Q3	08/26/02	14:00	50 UJ	126 J	50 UJ	50 UJ	80 J	50 UJ	50 UJ	50 UJ	50 UJ		50 UJ	100 UJ	50 UJ	50 UJ	500 UJ	541 J	100 UJ	500 UJ		1660 J		50 UJ	19400 J	50 UJ	50 UJ
CM-VE-10	SH	D	17.5	2002Q3	08/26/02	14:00	50 UJ	121 J	50 UJ	50 UJ	76 J	50 UJ	50 UJ	50 UJ	50 UJ		50 UJ	100 UJ	50 UJ	50 UJ	500 UJ	496 J	100 UJ	500 UJ		1580 J		50 UJ	17500 J	50 UJ	50 UJ
CM-VE-10	SH		17.5	2002Q4	11/19/02	15:50	10 U	39.4	10 U	10 U	15.8	10 U	10 U	10 U	10 U		10 U	20 U	10 U	11.2	100 U	52.4	20 U	100 U		434		10 U	3220	10 U	10 U
CM-VE-10	SH		17.5	2003Q1	02/06/03	10:50	10 U	15.8	10 U	10 U	11.4	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	32.8	20 U	100 U		180		10 U	2090	10 U	10 U
CM-VE-10	SH		17.5	2003Q2	05/27/03	13:00	5 U	10	5 U	5 U	6.4	5 U	5 U	5 U	5 U		5 U	10 U	5 U	6	50 U	20.3	10 U	50 U		110		5 U	1140	5 U	5 U
CM-VE-10	SH		17.5	2003Q3	08/05/03	15:10	25 U	40.5	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	250 U	152	50 U	250 U		657		25 U	6240	25 U	25 U
CM-VE-10	SH		17.5	2003Q4	11/13/03	12:25	10 U	10	10.8	10 U	10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	63.6	20 U	100 U		158		10 U	1830	10 U	10 U
CM-VE-10	SH		17.5	2004Q1	01/30/04	9:35	1 U	3.28 J	1 U	1 U	2.48	1 U	1 U	1 U	1 U		1 U	2 U	1 U	3.48	10 U	6.3	2 U	10 UJ		40.1		1 U	399	1 U	1 U
CM-VE-10	SH		17.5	2004Q2	05/07/04	12:25	10 U	11.5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	26.8	10 U	50 U	10 U	469	10 U	10 U	1250	10 U	10 U
CM-VE-10	SH		17.5	2004Q3	07/14/04	13:35	0.5 U	0.65	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 U	0.5 U	0.5 U	5 U	3.25	1 U	5 U		29.7		0.5 U	87.1	0.5 U	0.5 U
CM-VE-10	SH		17.5	2004Q3	08/20/04	13:00	1 U	1.7	1 U	1 U	1.06	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1 U	10 U	5.38	2 U	10 U		54.7		1 U	244	1 U	1 U
CM-VE-10	SH		17.5	2004Q4	10/26/04	13:20	2.5 U	3.95	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	10.9	5 U	25 U		189		2.5 U	533	2.5 U	2.5 U
CM-VE-10	SH		17.5	2004Q4	11/15/04	15:10	2.5 U	3.7	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	8.1	5 U	25 U		180		2.5 U	405	2.5 U	2.5 U
CM-VE-10	SH		17.5	2005Q1	01/20/05	10:15	0.5 U	1.99	0.5 U	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.18	5 U	3.68	1 U	5 U		157		0.5 U	197	0.5 U	0.5 U
CM-VE-10	SH		17.5	2005Q1	02/01/05	10:08	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	1 UJ	0.5 U	0.5 U	5 U	1.24	1 U	5 U		17.8		0.5 U	42.2	0.5 U	0.5 U
CM-VE-10	SH		17.5	2005Q2	04/15/05	11:20	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	1 UJ	0.5 U	0.5 U	5 U	1.83	1 U	5 U		27.4		0.5 U	58.8	0.5 U	0.5 U
CM-VE-10	SH		17.5	2005Q2	05/18/05	13:01	1 U	2.52	1 U	1 U	1.12	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1.94	10 U	4.12	2 U	10 U		92.1		1 U	238	1 U	1 U
CM-VE-10	SH		17.5	2005Q3	08/18/05	9:50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		37.8		1 U	37.8	1 U	1 U
CM-VE-10	SH		17.5	2005Q4	11/10/05	11:29	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	1 U	0.5 U	0.5 U	5 U	0.71	1 U	5 U		38.3		0.5 U	29	0.5 U	0.5 U
CM-VE-10	SH		17.5	2006Q3	09/12/06	15:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.72	0.5 U	0.5 U	7.38	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-VE-10	SH		17.5	2007Q1	02/14/07	15:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.81	0.5 U	0.5 U	10.5	0.5 U	0.5 U
CM-VE-10	SH		17.5	2007Q3	09/14/07	13:33	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1.45	1 U	1 U	3.56	1 U	1 U
CM-VE-10	SH	DP	17.5	2008Q1	02/29/08	14:40	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	1 U	0.5 U	0.5 U	5 U	0.59	1 U	5 U		4.36	0.5 U	0.5 U	16.9	0.5 U	0.5 U
CM-VE-10	SH	D	17.5	2008Q1	02/29/08	14:40	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	1 U	0.5 U	0.5 U	5 U	0.62	1 U	5 U		4.39	0.5 U	0.5 U	17.4	0.5 U	0.5 U
CM-VE-10	SH		17.5	2009Q1	04/02/09	11:35	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.7	0.5 U	0.5 U	9.2	0.5 U	0.5 U
CM-VE-10	SH		17.5	2009Q3	09/22/09	12:42	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.73	0.5 U	0.5 U	2.2	0.5 U	0.5 U
CM-VE-10	SH		17.5	2010Q1	03/19/10	11:25	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.1	0.5 U	0.5 U	3	0.5 U	0.5 U
CM-VE-10	SH		17.5	2010Q3	09/24/10	11:16	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1	0.5 U	0.5 U	3.8	0.5 U	0.5 U
CM-VE-10	SH		17.5	2011Q1	03/18/11	11:28	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.73	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-VE-10	SH		17.5	2011Q3	09/16/11	11:36	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.77	0.5 U	0.5 U	2.64	0.5 U	0.5 U
CM-VE-10	SH		17.5	2012Q1	03/23/12	11:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.57 J	0.5 U	0.5 U	1.1	0.5 U	0.5 U
CM-VE-10	SH		17.5	2012Q3	09/07/12	11:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.2	0.5 U	0.5 U	4.1	0.5 U	0.5 U
CM-VE-10	SH		17.5	2013Q1	03/15/13	12:42	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1	0.5 U	0.5 U	3	0.5 U	0.5 U
CM-VE-10	SH		17.5	2013Q3	09/20/13	11:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.92	0.5 U	0.5 U	2.8	0.5 U	0.5 U
CM-VE-10	SH		17.5	2014Q1	03/28/14	11:42	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.7	0.5 U	0.5 U	1.4	0.5 U	0.5 U
CM-VE-10	SH		17.5	2014Q3	09/05/14	11:10	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.97	0.5 U	0.5 U	4.17	1 U	0.5 U
CM-VE-10	SH		17.5	2015Q1	03/06/15	11:30	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.79	0.5 U	0.5 U	2.25	1 U	0.5 U
CM-VE-10	SH		17.5	2015Q3	09/04/15	11:00	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.84	0.5 U	0.5 U	3.27	1 U	0.5 U
CM-VE-11	SH		17.5	2002Q1	03/22/02	13:20	100 U	134	100 U	100 U	100 U	100 U	100 U	100 U	100 U		100 U	200 U	100 U	100 U	1000 U	362	200 U	1000 U		806		100 U	17700	100 U	100 U
CM-VE-11	SH		17.5	2002Q3	08/23/02	14:35	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U		250 U	500 U	250 U	250 U	2500 U	475	500 U	2500 U		1140		250 U	23600	250 U	250 U
CM-VE-11	SH	DP	17.5	2002Q4	11/19/02	12:45	25 U	65.5	25 U	25 U	46	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	250 U	186	50 U	250 U		500		25 U	9290	25 U	25 U
CM-VE-11	SH	D	17.5	2002Q4	11/19/02	12:45	25 U	71.5	25 U	25 U	48.5	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	250 U	177	50 U	250 U		497		25 U	9240	25 U	25 U
CM-VE-11	SH		17.5	2003Q1	02/06/03	12:40	2.5 U	5.3	2.5 U	2.5 U	2.7	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	14.2	25 U	12	5 U	25 U		48		2.5 U	583	2.5 U	2.5 U
CM-VE-11	SH		17.5	2003Q2	05/27/03	11:20	2.5 U	5.9	2.5 U	2.5 U	3.75	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	13.8	25 U	15	5 U	25 U		47.8		2.5 U	751	2.5 U	2.5 U
CM-VE-11	SH		17.5	2003Q3	08/05/03	18:15	50 U	85	50 U	50 U	50 U	50 U	50 U	50 U	50 U		50 U	100 U	50 U	50 U	500 U	330	100 U	500 U		751		50 U	15200	50 U	50 U
CM-VE-11	SH		17.5	2003Q4	11/13/03	13:45	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	38.6	5 U	25 U		21.4		2.5 U	719	2.5 U	2.5 U
CM-VE-11	SH		17.5	2004Q1	01/30/04	10:40	2.5 U	5.5 J	2.5 U	2.5 U	2.55	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	8.35	25 U	9.65	5 U	25 UJ		53.2		2.5 U	633	2.5 U	2.5 U
CM-VE-11	SH		17.5	2004Q2	05/07/04	13:05	50 U	81.5	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	65	50 U	250 U	50 U	2990	50 U	50 U	7230	50 U	50 U
CM-VE-11	SH		17.5	2004Q3	07/14/04	14:50	0.5 U	0.62	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 U	0.5 U	0.5 U	5 U	1.78	1 U	5 U		27.9		0.5 U	103	0.5 U	0.5 U
CM-VE-11	SH		17.5	2004Q3	08/20/04	12:30	0.5 U	0.51	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 UJ	0.5 U	0.5 U	5 U	2.12	1 U	5 U		16.9		0.5 U	88.6	0.5 U	0.5 U
CM-VE-11	SH		17.5	2004Q4	10/26/04	13:50	5 U	13.7	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	28	10 U	50 U		501		5 U	1630	5 U	5 U
CM-VE-11	SH		17.5	2004Q4	11/15/04	15:35	2.5 U	2.75	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	6.6	5 U	25 U		110		2.5 U	396	2.5 U	2.5 U
CM-VE-11	SH		17.5	2005Q1	01/20/05	9:40	5 U	9.9	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	14.9	10 U	50 U		413		5 U	1260	5 U	5 U
CM-VE-11	SH		17.5	2005Q1	02/01/05	10:38	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	1 UJ	0.5 U	0.5 U	5 U	0.93	1 U	5 U		13.1		0.5 U	40.6	0.5 U	0.5 U
CM-VE-11	SH	DP	17.5	2005Q2	04/15/05	12:40	0.5 U	0.52	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 UJ	0.5 U	0.5 U	5 U	2.12	1 U	5 U		32.6		0.5 U	103	0.5 U	0.5 U
CM-VE-11	SH	D	17.5	2005Q2	04/15/05	12:40	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	1 UJ	0.5 U	0.5 U	5 U	2.08	1 U	5 U		32.7		0.5 U	105	0.5 U	0.5 U
CM-VE-11	SH		17.5	2005Q2	05/18/05	13:44	2.5 U	7.05	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 UJ	2.5 U	2.5 U	25 U	8.95	5 U	25 U		298		2.5 U	699	2.5 U	2.5 U
CM-VE-11	SH		17.5	2005Q2	06/09/05	11:30	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	1 U	0.5 U	0.5 U	5 U	1.63	1 U	5 U		38.2		0.5 U	70.7	0.5 U	0.5 U
CM-VE-11	SH		17.5	2005Q3	07/15/05	10:10	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	1 U	0.5 U	0.5 U	5 U	1.12	1 U	5 U		19.8		0.5 U	39.8	0.5 U	0.5 U
CM-VE-11	SH		17.5	2005Q3	08/23/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		5.42		1 U	12.9	1 U	1 U
CM-VE-11	SH		17.5	2005Q3	09/21/05	10:40	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	1 U	0.5 U	0.5 U	5 U	0.85	1 U	5 U		31.3		0.5 U	33.8	0.5 U	0.5 U
CM-VE-11	SH		17.5	2005Q4	11/10/05	10:30	0.5 U	0.78	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 U	0.5 U	0.5 U	5 U	1.75	1 U	5 U		79.8		0.5 U	90.4	0.5 U	0.5 U
CM-VE-11	SH		17.5	2006Q3	09/12/06	12:40	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	1 U	0.5 U	0.5 U	5 U	0.54	1 U	5 U		11.1	0.5 U	0.5 U	14.9	0.5 U	0.5 U
CM-VE-11	SH		17.5	2007Q1	02/14/07	16:18	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.95	0.5 U	0.5 U	9.15	0.5 U	0.5 U
CM-VE-11	SH		17.5	2007Q3	09/14/07	10:52	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	2.23	1 U	1 U
CM-VE-11	SH		17.5	2008Q1	02/29/08	12:30	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	1 U	0.5 U	0.5 U	5 U	0.77	1 U	5 U		4.27	0.5 U	0.5 U	14.5	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-VE-11	SH		17.5	2009Q1	04/02/09	10:35	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.9	0.5 U	0.5 U	8.6	0.5 U	0.5 U
CM-VE-11	SH		17.5	2009Q3	09/22/09	12:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.5	0.5 U	0.5 U	5.5	0.5 U	0.5 U
CM-VE-11	SH		17.5	2010Q1	03/19/10	10:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2	0.5 U	0.5 U	9.1	0.5 U	0.5 U
CM-VE-11	SH	DP	17.5	2010Q3	09/24/10	13:07	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.1	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-VE-11	SH	D	17.5	2010Q3	09/24/10	13:07	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.2	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-VE-11	SH		17.5	2011Q1	03/18/11	12:34	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1	0.5 U	0.5 U	2.1	0.5 U	0.5 U
CM-VE-11	SH	DP	17.5	2011Q3	09/16/11	10:03	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.17	0.5 U	0.5 U	5.26	0.5 U	0.5 U
CM-VE-11	SH	D	17.5	2011Q3	09/16/11	10:03	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.21	0.5 U	0.5 U	5.25	0.5 U	0.5 U
CM-VE-11	SH		17.5	2012Q1	03/23/12	10:03	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.72 J	0.5 U	0.5 U	1.4	0.5 U	0.5 U
CM-VE-11	SH		17.5	2012Q3	09/07/12	9:36	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.2	0.5 U	0.5 U	5.9	0.5 U	0.5 U
CM-VE-11	SH		17.5	2013Q1	03/15/13	13:22	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	5.4	0.5 U	0.5 U
CM-VE-11	SH		17.5	2013Q3	09/20/13	13:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	5	0.5 U	0.5 U
CM-VE-11	SH		17.5	2014Q1	03/28/14	10:08	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.75	0.5 U	0.5 U	1.9	0.5 U	0.5 U
CM-VE-11	SH		17.5	2014Q3	09/05/14	9:56	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.67	0.5 U	0.5 U	4.01	1 U	0.5 U
CM-VE-11	SH		17.5	2015Q1	03/06/15	10:12	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.95	0.5 U	0.5 U	3.16	1 U	0.5 U
CM-VE-11	SH		17.5	2015Q3	09/04/15	9:19	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.02	0.5 U	0.5 U	4.56	1 U	0.5 U
CM-VE-12	SH	DP	17.5	2002Q1	03/22/02	12:45	100 U	108	100 U	100 U	100 U	100 U	100 U	100 U	100 U		100 U	200 U	100 U	100 U	1000 U	364	200 U	1000 U		1460		100 U	17000	100 U	100 U
CM-VE-12	SH	D	17.5	2002Q1	03/22/02	12:45	100 U	114	100 U	100 U	100 U	100 U	100 U	100 U	100 U		100 U	200 U	100 U	100 U	1000 U	366	200 U	1000 U		1470		100 U	17200	100 U	100 U
CM-VE-12	SH		17.5	2002Q3	08/23/02	14:50	100 U	110	100 U	100 U	100 U	100 U	100 U	100 U	100 U		100 U	200 U	100 U	100 U	1000 U	410	200 U	1000 U		1760		100 U	18300	100 U	100 U
CM-VE-12	SH		17.5	2002Q4	11/19/02	13:50	25 U	67	25 U	25 U	29	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	250 U	104	50 U	250 U		632		25 U	7550	25 U	25 U
CM-VE-12	SH		17.5	2003Q1	02/06/03	13:35	5 U	10.3	5 U	5 U	5.7	5 U	5 U	5 U	5 U		5 U	10 U	5 U	10.5	50 U	23.8	10 U	50 U		95.7		5 U	1440	5 U	5 U
CM-VE-12	SH		17.5	2003Q2	05/27/03	12:00	5 U	7.7	5 U	5 U	5.2	5 U	5 U	5 U	5 U		5 U	10 U	5 U	9.9	50 U	20	10 U	50 U		75		5 U	1110	5 U	5 U
CM-VE-12	SH		17.5	2003Q3	08/08/03	17:00	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U		100 U	200 U	100 U	100 U	1000 U	250	200 U	1000 U		1010		100 U	14700	100 U	100 U
CM-VE-12	SH		17.5	2003Q4	11/13/03	14:40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U	10 U	100 U	122	20 U	100 U		91.8		10 U	2100	10 U	10 U
CM-VE-12	SH		17.5	2004Q1	01/30/04	10:10	25 U	27 J	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	250 U	57	50 U	250 UJ		296		25 U	4460	25 U	25 U
CM-VE-12	SH		17.5	2004Q2	05/07/04	12:45	20 U	27.2	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U	54	20 U	100 U	20 U	1360	20 U	20 U	2640	20 U	20 U
CM-VE-12	SH		17.5	2004Q3	07/14/04	14:15	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	11.4	5 U	25 U		194		2.5 U	375	2.5 U	2.5 U
CM-VE-12	SH		17.5	2004Q3	08/19/04	14:30	1 U	2.86 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1 U	10 UJ	4.6	2 U	10 U		152		1 U	262	1 U	1 U
CM-VE-12	SH		17.5	2004Q4	10/27/04	11:38	5 U	17.1	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	50 U	28.8	10 U	50 U		856		5 U	1450	5 U	5 U
CM-VE-12	SH		17.5	2004Q4	11/18/04	13:45	1 U	3.66	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U	1 U	10 UJ	7.12	2 U	10 U		193		1 U	343	1 U	1 U
CM-VE-12	SH		17.5	2005Q1	01/20/05	11:20	2.5 U	4.4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	5 U	2.5 U	2.5 U	25 U	9.85	5 U	25 U		212		2.5 U	536	2.5 U	2.5 U
CM-VE-12	SH		17.5	2005Q1	02/01/05	11:08	0.5 U	0.53	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 UJ	0.5 U	0.5 U	5 U	1.75	1 U	5 U		30.9		0.5 U	78.3	0.5 U	0.5 U
CM-VE-12	SH		17.5	2005Q2	04/15/05	13:15	0.5 U	1.04	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 UJ	0.5 U	0.5 U	5 U	3.75	1 U	5 U		66.8		0.5 U	151	0.5 U	0.5 U
CM-VE-12	SH		17.5	2005Q2	05/18/05	13:22	1 U	3.82	1 U	1 U	1.24	1 U	1 U	1 U	1 U		1 U	2 UJ	1 U	1.46	10 U	5.56	2 U	10 U		176		1 U	335	1 U	1 U
CM-VE-12	SH		17.5	2005Q2	06/09/05	12:10	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		0.5 U	1 U	0.5 U	0.64	5 U	3.61	1 U	5 U		75.2		0.5 U	149	0.5 U	0.5 U
CM-VE-12	SH		17.5	2005Q3	07/15/05	9:25	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	1 U	0.5 U	0.5 U	5 U	2.06	1 U	5 U		30.8		0.5 U	65.8	0.5 U	0.5 U
CM-VE-12	SH		17.5	2005Q3	08/23/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		10.1		1 U	24.1	1 U	1 U
CM-VE-12	SH		17.5	2005Q3	09/21/05	11:20	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	1 U	0.5 U	0.5 U	5 U	0.73	1 U	5 U		56.1		0.5 U	25	0.5 U	0.5 U
CM-VE-12	SH		17.5	2005Q4	11/10/05	9:51	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	1 U	0.5 U	0.5 U	5 U	1.11	1 U	5 U		43.2		0.5 U	39.8	0.5 U	0.5 U
CM-VE-12	SH		17.5	2006Q3	09/12/06	13:28	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		8.41	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-VE-12	SH		17.5	2007Q1	02/14/07	15:48	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.33	0.5 U	0.5 U	8.5	0.5 U	0.5 U
CM-VE-12	SH		17.5	2007Q3	09/14/07	11:47	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1.75	1 U	1 U	3.44	1 U	1 U
CM-VE-12	SH		17.5	2008Q1	02/29/08	13:58	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	1 U	0.5 U	0.5 U	5 U	0.7	1 U	5 U		5.73	0.5 U	0.5 U	18.9	0.5 U	0.5 U
CM-VE-12	SH		17.5	2009Q1	04/02/09	11:05	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		5.1	0.5 U	0.5 U	18	0.5 U	0.5 U
CM-VE-12	SH		17.5	2009Q3	09/22/09	11:50	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.7	0.5 U	0.5 U	9	0.5 U	0.5 U
CM-VE-12	SH		17.5	2010Q1	03/19/10	11:05	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.6	0.5 U	0.5 U	4.7	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-VE-12	SH		17.5	2010Q3	09/24/10	13:45	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.8	0.5 U	0.5 U	7	0.5 U	0.5 U
CM-VE-12	SH		17.5	2011Q1	03/18/11	14:26	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.79	0.5 U	0.5 U	1.3	0.5 U	0.5 U
CM-VE-12	SH		17.5	2011Q3	09/16/11	10:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.32	0.5 U	0.5 U	4.1	0.5 U	0.5 U
CM-VE-12	SH		17.5	2012Q1	03/23/12	11:06	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.66 J	0.5 U	0.5 U	1.1	0.5 U	0.5 U
CM-VE-12	SH		17.5	2012Q3	09/07/12	10:43	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.8	0.5 U	0.5 U	6.1	0.5 U	0.5 U
CM-VE-12	SH		17.5	2013Q1	03/15/13	14:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	3.9	0.5 U	0.5 U
CM-VE-12	SH		17.5	2013Q3	09/20/13	14:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.4	0.5 U	0.5 U	4.9	0.5 U	0.5 U
CM-VE-12	SH		17.5	2014Q1	03/28/14	10:37	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.82	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-VE-12	SH		17.5	2014Q3	09/05/14	10:37	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.61	0.5 U	0.5 U	7.08	1 U	0.5 U
CM-VE-12	SH		17.5	2015Q1	03/06/15	14:53	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.84	0.5 U	0.5 U	2.1	1 U	0.5 U
CM-VE-12	SH		17.5	2015Q3	09/04/15	10:29	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	6.04	1 U	0.5 U
IMW-05	SH		25	2001Q4	12/28/01		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		199	25 U	25 U	3880	25 U	25 U
IMW-05	SH		25	2002Q3	08/09/02		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		94.5	25 U	25 U	5610	25 U	25 U
IMW-05	SH		25	2002Q4	11/08/02		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	15.2	20 U	100 U		78.8	10 U	10 U	2810	10 U	10 U
IMW-05	SH		25	2004Q1	01/14/04		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		550	50 U	50 U	13500	50 U	50 U
IMW-05	SH		25	2004Q3	07/07/04		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	54	100 U	500 U		395	50 U	50 U	11300	50 U	50 U
IMW-05	SH		25	2005Q1	02/04/05		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		237	50 U	50 U	5360	50 U	50 U
IMW-05	SH		25	2007Q1	02/13/07	9:08	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	12.6	10 U	50 U		137	5 U	5 U	1970	5 U	5 U
IMW-05	SH		25	2009Q1	03/27/09	15:23	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.2	1.3 U	5 U		81	1.3 U	1.3 U	960	1.3 U	1.3 U
IMW-05	SH		25	2009Q3	09/22/09	13:29	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		11	0.5 U	0.5 U	100	0.5 U	0.5 U
IMW-05	SH		25	2010Q1	03/23/10	14:31	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		7.8	0.5 U	0.5 U	72	0.5 U	0.5 U
IMW-05	SH		25	2010Q3	09/27/10	15:01	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		9.9	0.5 U	0.5 U	84	0.5 U	0.5 U
IMW-05	SH		25	2011Q1	03/18/11	16:22	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.2	0.5 U	0.5 U	15	0.5 U	0.5 U
IMW-05	SH		25	2011Q3	09/16/11	10:11	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.3	0.5 U	0.5 U	30.5	0.5 U	0.5 U
IMW-05	SH		25	2012Q1	03/14/12	15:08	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.6	0.5 U	0.5 U	13	0.5 U	0.5 U
IMW-05	SH		25	2012Q3	09/07/12	15:13	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		12	0.5 U	0.5 U	85	0.5 U	0.5 U
IMW-05	SH		25	2013Q1	03/15/13	10:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.1	0.5 U	0.5 U	21	0.5 U	0.5 U
IMW-05	SH		25	2013Q2	06/17/13	7:55	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	0.2 U	0.5 U	1 U	0.5 U	0.19 J	5 U	0.21 J	1 U	5 U		8.8	0.5 U	0.5 U	53	0.5 U	0.5 U
IMW-05	SH		25	2013Q3	09/19/13	14:18	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		7	5 U	5 U	42	5 U	5 U
IMW-05	SH		25	2013Q4	11/21/13	14:42	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		6.2	0.5 U	0.5 U	37	0.5 U	0.5 U
IMW-05	SH		25	2014Q1	03/14/14	15:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3	0.5 U	0.5 U	15	0.5 U	0.5 U
IMW-05	SH		25	2014Q2	06/25/14	12:48	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	0.25 U	1 U	1 U	0.5 U	1 U	5 U	0.5 U	1 U	5 U		2.13	1 U	0.5 U	7.64	2 U	0.5 U
IMW-05	SH		25	2014Q3	09/16/14	14:15	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.62	0.5 U	0.5 U	13.06	1 U	0.5 U
IMW-05	SH		25	2014Q4	12/11/14	10:27	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.46	0.5 U	0.5 U	4.57	1 U	0.5 U
IMW-05	SH		25	2015Q1	03/04/15	14:48	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		9.16	0.5 U	0.5 U	49.53	1 U	0.5 U
IMW-05	SH		25	2015Q2	06/30/15	12:17	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.91	0.5 U	0.5 U	11.32	1 U	0.5 U
MW-01	SH		20	1998Q1	02/04/98		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	0.5 U	5 U	1 U	0.5 U	0.5 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
MW-01	SH		20	1998Q3	08/06/98		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5 U	2 U
MW-01	SH		20	1999Q2	04/27/99		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	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2000Q4	11/13/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2001Q3	07/17/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2001Q4	10/16/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2002Q1	01/17/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2002Q2	05/30/02		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	1 U	0.5 U	0.5 U	5 U	0.58	1 U	5 U		0.75	0.5 U	0.5 U	0.78	0.5 U	0.5 U
MW-01	SH		20	2002Q3	08/20/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2002Q4	11/20/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-01	SH		20	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	1380		0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2004Q3	08/20/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	2.5 U	5 U	510		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
MW-01	SH		20	2005Q1	02/11/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2005Q4	11/28/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2006Q1	03/24/06	11:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2007Q1	02/08/07	15:28	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2008Q1	02/27/08	11:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2009Q1	04/01/09	16:08	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.9	0.5 U	0.5 U
MW-01	SH		20	2009Q3	09/21/09	15:37	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	0.5 U	0.5 U	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
MW-01	SH		20	2010Q1	03/18/10	17:17	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	0.5 U	0.5 U	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
MW-01	SH		20	2010Q3	09/27/10	11:49	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	0.5 U	0.5 U	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
MW-01	SH		20	2011Q1	03/16/11	10:41	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	0.5 U	0.5 U	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
MW-01	SH		20	2011Q3	09/14/11	14:56	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2012Q1	03/15/12	16:04	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2012Q3	09/11/12	15:58	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2013Q1	03/20/13	16:52	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2013Q3	09/18/13	13:10	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2014Q1	03/19/14	14:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.52	1 U	5 U		0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	SH		20	2014Q3	09/16/14	9:45	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-01	SH		20	2015Q1	03/04/15	16:40	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-02	SH		25	1998Q1	02/04/98		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	1000 U	200 U	100 U	100 U	1000 U		100 U	100 U	100 U	5400	200 U	200 U
MW-02	SH		25	1998Q3	08/06/98		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	3130	250 U	100 U
MW-02	SH		25	1999Q2	04/27/99		50 U	100 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	100 U	50 U	50 U	500 U	50 U	50 U	1000 U		68	50 U	50 U	4290	50 U	50 U
MW-02	SH		25	2000Q4	12/01/00		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	11	20 U	100 U		45	10 U	10 U	3610	10 U	10 U
MW-02	SH		25	2001Q3	07/25/01		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		52	25 U	25 U	3860	25 U	25 U
MW-02	SH		25	2001Q4	11/01/01		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		137	25 U	25 U	6370	25 U	25 U
MW-02	SH		25	2002Q1	01/16/02		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	13.5	10 U	50 U		35.6	5 U	5 U	1610	5 U	5 U
MW-02	SH		25	2002Q2	06/05/02		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	18.7	10 U	50 U		56.5	5 U	5 U	464	5 U	5 U
MW-02	SH		25	2002Q3	08/28/02		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	10 U	20 U	100 U		53.4	10 U	10 U	2610	10 U	10 U
MW-02	SH		25	2002Q4	11/19/02		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	14.8	10 U	50 U		54	5 U	5 U	1730	5 U	5 U
MW-02	SH	DP	25	2003Q1	02/28/03		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	13.2	10 U	50 U		55.3	5 U	5 U	1630	5 U	5 U
MW-02	SH	D	25	2003Q1	02/28/03		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	13.3	10 U	50 U		54.6	5 U	5 U	1630	5 U	5 U
MW-02	SH	DP	25	2003Q2	05/30/03		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	18.4	10 U	50 U		78	5 U	5 U	1270	5 U	5 U
MW-02	SH		25	2003Q3	08/29/03		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	12.7	10 U	50 U		68.3	5 U	5 U	1690	5 U	5 U
MW-02	SH		25	2003Q4	11/14/03		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	10.2	20 U	100 U		57.2	10 U	10 U	1850	10 U	10 U
MW-02	SH		25	2004Q1	02/02/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	12.8	5 U	25 U		56.6	2.5 U	2.5 U	590	2.5 U	2.5 U
MW-02	SH		25	2004Q2	05/07/04		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	11.6	10 U	50 U		56.3	5 U	5 U	1190	5 U	5 U
MW-02	SH		25	2004Q3	08/20/04		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	7.9	10 U	50 U		43.7	5 U	5 U	1240	5 U	5 U
MW-02	SH		25	2004Q4	11/22/04		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	6.6	10 U	50 U		49.5	5 U	5 U	1250	5 U	5 U
MW-02	SH		25	2005Q1	02/23/05		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5.3	10 U	50 U		36.5	5 U	5 U	1040	5 U	5 U
MW-02	SH		25	2005Q4	11/23/05		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5.9	10 U	50 U		41.3	5 U	5 U	609	5 U	5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-02	SH		25	2006Q1	03/23/06	13:58	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	5.75	5 U	25 U		34.8	2.5 U	2.5 U	661	2.5 U	2.5 U
MW-02	SH		25	2006Q3	09/07/06	12:05	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	3.05	5 U	25 U		22.7	2.5 U	2.5 U	527	2.5 U	2.5 U
MW-02	SH	DP	25	2007Q1	02/09/07	14:18	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		42.6	5 U	5 U	936	5 U	5 U
MW-02	SH	D	25	2007Q1	02/09/07	14:18	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		45.7	5 U	5 U	1030	5 U	5 U
MW-02	SH		25	2007Q3	09/14/07	9:15	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	50 U	10 U	21.6	10 U	10 U	443	10 U	10 U
MW-02	SH		25	2008Q1	03/04/08	12:50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5	10 U	50 U		24.6	5 U	5 U	518	5 U	5 U
MW-02	SH		25	2008Q3	09/19/08	12:22	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	0.5 U	0.5 U	2.4	0.5 U	2 U	2 U	22	0.5 U	0.5 U	370	0.5 U	
MW-02	SH		25	2009Q1	03/31/09	15:34	0.5 U	0.5 U	0.5 U	0.53	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	5.2	0.5 U	2 U		33	0.5 U	0.5 U	510	0.5 U	0.5 U
MW-02	SH		25	2009Q2	06/18/09	9:42	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	0.5 U	0.5 U	0.5 U	5.2	0.5 U	2 U		26	0.5 U	0.5 U	400	0.5 U	0.5 U
MW-02	SH		25	2009Q3	09/22/09	10:23	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	2	0.5 U	2 U		17	0.5 U	0.5 U	99	0.5 U	0.5 U
MW-02	SH		25	2009Q4	12/17/09	14:56	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.4	0.5 U	2 U		12	0.5 U	0.5 U	67	0.5 U	0.5 U
MW-02	SH		25	2010Q1	03/19/10	14:40	0.5 U	0.95	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	0.5 U	0.77	0.5 U	2 U		8.5	0.5 U	0.5 U	50	0.5 U	0.5 U
MW-02	SH		25	2010Q2	06/16/10	9:34	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	0.5 U	0.5 U	0.5 U	1.4	0.5 U	2 U		6.9	0.5 U	0.5 U	26	0.5 U	0.5 U
MW-02	SH		25	2010Q3	09/24/10	15:22	0.5 U	0.64	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	0.5 U	0.55	0.5 U	2 U		5.5	0.5 U	0.5 U	34	0.5 U	0.5 U
MW-02	SH		25	2010Q4	12/09/10	8:43	0.5 U	0.66	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	0.5 U	0.67	0.5 U	2 U		5.6	0.5 U	0.5 U	23	0.5 U	0.5 U
MW-02	SH		25	2011Q1	03/17/11	10:40	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	0.5 U	0.5 U	0.5 U	0.8	0.5 U	2 U		4.9	0.5 U	0.5 U	20	0.5 U	0.5 U
MW-02	SH		25	2011Q2	06/08/11	9:35	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	0.5 U	0.5 U	0.5 U	0.69	0.5 U	2 U		3.8	0.5 U	0.5 U	8	0.5 U	0.5 U
MW-02	SH		25	2011Q3	09/16/11	11:57	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	1 U	0.5 U	0.5 U	5 U	0.5	1 U	5 U		3.65	0.5 U	0.5 U	21.3	0.5 U	0.5 U
MW-02	SH		25	2011Q4	12/07/11	16:10	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	1 U	0.5 U	0.5 U	5 U	0.7	1 U	5 U		3.61	0.5 U	0.5 U	23.2	0.5 U	0.5 U
MW-02	SH		25	2012Q1	03/28/12	14:15	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	1 U	0.5 U	0.5 U	5 U	0.8 J	1 U	5 U		2.6	0.5 U	0.5 U	10	0.5 U	0.5 U
MW-02	SH		25	2012Q2	06/19/12	12:00	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	1 U	0.5 U	0.5 U	5 U	0.54 J	1 U	5 U		2.5	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-02	SH		25	2012Q3	09/06/12	13:00	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	0.5 U	0.5 U	0.5 U	0.54	0.5 U	1 U		4.7	0.5 U	0.5 U	38	0.5 U	0.5 U
MW-02	SH		25	2013Q1	03/19/13	15:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.7	0.5 U	0.5 U	19	0.5 U	0.5 U
MW-02	SH		25	2013Q3	09/18/13	11:40	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.1	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-02	SH		25	2014Q1	03/13/14	11:45	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.7	0.5 U	0.5 U	4.6	0.5 U	0.5 U
MW-02	SH		25	2014Q3	09/11/14	14:48	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.46	0.5 U	0.5 U	8.66	1 U	0.5 U
MW-02	SH		25	2015Q1	03/12/15	14:07	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.66	0.5 U	0.5 U	9.35	1 U	0.5 U
MW-03	SH		18	1998Q1	02/04/98		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	1000 U	200 U	100 U	100 U	1000 U		100 U	100 U	100 U	8900	200 U	200 U
MW-03	SH		18	1998Q3	08/06/98		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.08	2.35	5 U	60.9	1 U	5 U	1 U	97.9	1 U	1 U	11800	5 U	2 U
MW-03	SH		18	1999Q2	04/27/99		25 U	50 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	50 U	25 U	25 U	250 U	25 U	25 U	500 U		62	25 U	25 U	2670	25 U	25 U
MW-03	SH		18	2002Q1	01/16/02		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5.9	10 U	50 U		21.5	5 U	5 U	1610	5 U	5 U
MW-03	SH		18	2002Q2	06/05/02		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	8.6	10 U	50 U		19.4	5 U	5 U	431	5 U	5 U
MW-03	SH		18	2002Q3	08/28/02		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5.6	10 U	50 U		10.5	5 U	5 U	909	5 U	5 U
MW-03	SH		18	2003Q1	02/28/03		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	7.2	10 U	50 U		21	5 U	5 U	1530	5 U	5 U
MW-03	SH	DP	18	2003Q2	05/30/03		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	8	10 U	50 U		21.1	5 U	5 U	1180	5 U	5 U
MW-03	SH	D	18	2003Q2	05/30/03		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	7.1	10 U	50 U		18.8	5 U	5 U	1120	5 U	5 U
MW-03	SH		18	2004Q1	02/02/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.45	5 U	25 U		27.6	2.5 U	2.5 U	620	2.5 U	2.5 U
MW-04	SH		20	1998Q1	02/04/98		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	0.5 U	5 U	1 U	0.802	0.5 U	5 U		0.887	0.5 U	0.5 U	4.58	1 U	1 U
MW-04	SH		20	1998Q3	08/06/98		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1.13	1 U	1 U	8.01	5 U	2 U
MW-04	SH		20	1999Q2	04/27/99		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	1 U	1 U	0.5 U	0.5 U	5 U	0.79	0.5 U	10 U		1.28	0.5 U	0.5 U	4.14	0.5 U	0.5 U
MW-04	SH		20	2000Q4	11/15/00		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	1 U	0.5 U	0.57	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.5 U
MW-04	SH		20	2001Q3	07/20/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	SH		20	2001Q4	10/19/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	SH		20	2002Q1	01/16/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.56	0.5 U	0.5 U	0.88	0.5 U	0.5 U
MW-04	SH		20	2002Q2	05/31/02		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	1 U	0.5 U	0.53	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.5 U
MW-04	SH		20	2002Q3	08/21/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-04	SH		20	2002Q4	11/21/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.74	0.5 U	0.5 U	0.66	0.5 U	0.5 U
MW-04	SH		20	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	1.19	1 U	5 U		1.24	0.5 U	0.5 U	1.63	0.5 U	0.5 U
MW-04	SH		20	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.87	0.5 U	0.5 U	0.68	0.5 U	0.5 U
MW-04	SH		20	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.75	0.5 U	0.5 U	0.81	0.5 U	0.5 U
MW-04	SH		20	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.55	0.5 U	0.5 U	0.55	0.5 U	0.5 U
MW-04	SH		20	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	1.46	1 U	5 U		2.48	0.5 U	0.5 U	2.93	0.5 U	0.5 U
MW-04	SH		20	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.8	1 U	5 U		1.65	0.5 U	0.5 U	1.49	0.5 U	0.5 U
MW-04	SH		20	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.61	0.5 U	0.5 U	0.79	0.5 U	0.5 U
MW-04	SH		20	2005Q1	02/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.71	0.5 U	0.5 U	0.54	0.5 U	0.5 U
MW-04	SH		20	2005Q4	11/29/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	SH		20	2006Q1	03/22/06	15:25	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	1 U	0.5 U	0.5 U	5 U	0.89	1 U	5 U		1.63	0.5 U	0.5 U	1.54	0.5 U	0.5 U
MW-04	SH		20	2007Q1	02/09/07	12:39	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	SH		20	2007Q3	09/12/07	10:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	SH		20	2008Q1	02/28/08	16:04	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.66	0.5 U	0.5 U	0.8	0.5 U	0.5 U
MW-04	SH		20	2009Q1	04/01/09	12:28	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.5	0.5 U	0.5 U	2.4	0.5 U	0.5 U
MW-04	SH		20	2009Q3	09/17/09	15:56	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2	0.5 U	0.5 U	2	0.5 U	0.5 U
MW-04	SH		20	2010Q1	03/22/10	14:26	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.4	0.5 U	0.5 U	1.1	0.5 U	0.5 U
MW-04	SH		20	2010Q3	09/22/10	15:00	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.3	0.5 U	0.5 U	0.86	0.5 U	0.5 U
MW-04	SH		20	2011Q1	03/18/11	14:41	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.5	0.5 U	0.5 U	0.65	0.5 U	0.5 U
MW-04	SH		20	2011Q3	09/12/11	13:41	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	SH		20	2012Q1	03/14/12	16:32	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.87 J	0.5 U	0.5 U	0.57 J	0.5 U	0.5 U
MW-04	SH		20	2013Q1	03/21/13	9:23	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	SH		20	2013Q3	09/17/13	14:20	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	SH		20	2014Q1	03/13/14	15:50	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	SH		20	2014Q3	09/10/14	16:03	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-04	SH		20	2015Q1	03/05/15	10:38	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-05	SH		25	2000Q4	11/21/00		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	64	100 U	500 U		360	50 U	50 U	18400	50 U	50 U
MW-05	SH		25	2001Q3	07/25/01		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	64	100 U	500 U		236	50 U	50 U	12600	50 U	50 U
MW-05	SH		25	2001Q4	11/01/01		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	67	100 U	500 U		349	50 U	50 U	14300	50 U	50 U
MW-05	SH		25	2002Q1	01/25/02	10:55	0.5 U	0.5 U	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1.21	0.89	5 U	21.1	1 U	5 U		194	0.5 U	0.5 U	7070	0.5 U	0.5 U
MW-05	SH		25	2002Q2	06/04/02		1 U	1 U	1 U	1.06	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	11.9	2 U	10 U		30.5	1 U	1 U	224	1 U	1 U
MW-05	SH		25	2002Q3	08/26/02		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		299	50 U	50 U	10300	50 U	50 U
MW-05	SH		25	2002Q4	11/27/02		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		422	100 U	100 U	20700	100 U	100 U
MW-05	SH		25	2003Q1	02/28/03		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		644	100 U	100 U	21800	100 U	100 U
MW-05	SH		25	2003Q2	05/30/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14.8	5 U	25 U		78.1	2.5 U	2.5 U	696	2.5 U	2.5 U
MW-05	SH		25	2003Q3	08/29/03		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	11.8	20 U	100 U		139	10 U	10 U	1820	10 U	10 U
MW-05	SH		25	2003Q4	11/14/03		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		191	25 U	25 U	6560	25 U	25 U
MW-05	SH		25	2004Q1	02/02/04		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	12.2	20 U	100 U		89.8	10 U	10 U	2380	10 U	10 U
MW-05	SH		25	2004Q2	05/07/04		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		388	25 U	25 U	4920	25 U	25 U
MW-05	SH		25	2004Q3	08/20/04		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		296	25 U	25 U	5450	25 U	25 U
MW-05	SH	DP	25	2004Q4	11/22/04		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		178	25 U	25 U	6240	25 U	25 U
MW-05	SH	D	25	2004Q4	11/22/04		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		186	25 U	25 U	6110	25 U	25 U
MW-05	SH		25	2005Q1	02/18/05		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		196	25 U	25 U	5270	25 U	25 U
MW-05	SH		25	2005Q4	11/21/05		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		182	25 U	25 U	6360	25 U	25 U
MW-05	SH		25	2006Q1	03/22/06	12:50	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		350	25 U	25 U	6600	25 U	25 U
MW-05	SH		25	2006Q3	09/11/06	19:18	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	10 U	20 U	100 U		218	10 U	10 U	2920	10 U	10 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-05	SH		25	2007Q1	02/09/07	16:14	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		334	25 U	25 U	4740	25 U	25 U
MW-05	SH		25	2007Q3	09/10/07	11:53	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	50 UJ	25 UJ	25 UJ	250 UJ	25 UJ	50 UJ	250 UJ		258 J	25 UJ	25 UJ	3540 J	25 UJ	25 UJ
MW-05	SH	DP	25	2008Q1	02/27/08	13:31	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		218	25 U	25 U	3470	25 U	25 U
MW-05	SH	D	25	2008Q1	02/27/08	13:31	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		25 U	25 U	25 U	846	25 U	25 U
MW-05	SH		25	2008Q3	09/22/08	18:15	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40 U		180	10 U	10 U	2600	10 U	10 U
MW-05	SH		25	2008Q4	12/10/08	14:49	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6.9	5 U	20 U		80	5 U	5 U	2000	5 U	5 U
MW-05	SH		25	2009Q1	04/02/09	11:32	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	4.9	2.5 U	10 U		76	2.5 U	2.5 U	1300	2.5 U	2.5 U
MW-05	SH		25	2009Q2	06/16/09	14:08	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	7.5	5 U	20 U		130	5 U	5 U	2700	5 U	5 U
MW-05	SH	DP	25	2009Q3	09/22/09	16:59	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	13	5 U	20 U		180	5 U	5 U	5000	5 U	5 U
MW-05	SH	D	25	2009Q3	09/22/09	16:59	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13	10 U	40 U		160	10 U	10 U	4800	10 U	10 U
MW-05	SH		25	2009Q4	12/15/09	14:49	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U		500	25 U	25 U	21000	25 U	25 U
MW-05	SH		25	2009Q4	01/22/10	12:24	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	20	13 U	50 U		480	13 U	13 U	13000	13 U	13 U
MW-05	SH		25	2010Q1	03/23/10	10:10	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U		410	25 U	25 U	9900	25 U	25 U
MW-05	SH	DP	25	2010Q2	06/18/10	10:23	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13	13 U	50 U		240	13 U	13 U	6500	13 U	13 U
MW-05	SH	D	25	2010Q2	06/18/10	10:23	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	50 U		220	13 U	13 U	6400	13 U	13 U
MW-05	SH		25	2010Q3	09/21/10	11:15	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	19	13 U	50 U		310	13 U	13 U	9600	13 U	13 U
MW-05	SH	DP	25	2010Q4	12/10/10	10:05	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U		370	25 U	25 U	13000	25 U	25 U
MW-05	SH	D	25	2010Q4	12/10/10	10:05	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U		370	25 U	25 U	12000	25 U	25 U
MW-05	SH	DP	25	2011Q1	03/18/11	10:33	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10	10 U	40 U		170	10 U	10 U	4800	10 U	10 U
MW-05	SH	D	25	2011Q1	03/18/11	10:33	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40 U		170	10 U	10 U	4700	10 U	10 U
MW-05	SH		25	2011Q2	06/06/11	13:40	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	4.3	2.5 U	10 U		69	2.5 U	2.5 U	1600	2.5 U	2.5 U
MW-05	SH		25	2011Q3	09/15/11	13:30	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	1 U	0.68	1.1	5 U	20.3	1 U	5 U		258	0.5 U	0.5 U	6310	0.5 U	0.5 U
MW-05	SH	DP	25	2011Q4	12/07/11	13:37	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		292	50 U	50 U	6020	50 U	50 U
MW-05	SH	D	25	2011Q4	12/07/11	13:37	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		328	50 U	50 U	6370	50 U	50 U
MW-05	SH		25	2012Q1	03/14/12	11:25	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	10 U	20 U	100 U		84	10 U	10 U	2300	10 U	10 U
MW-05	SH		25	2012Q2	06/20/12	16:55	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		160	25 U	25 U	3300	25 U	25 U
MW-05	SH		25	2012Q3	09/07/12	9:42	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	40 U	20 U	20 U	200 U	20 U	40 U	200 U		220	20 U	20 U	4000	20 U	20 U
MW-05	SH		25	2013Q1	03/20/13	9:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3	0.5 U	0.5 U	48	0.5 U	0.5 U
MW-05	SH		25	2013Q1	04/16/13	9:20	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		180	25 U	25 U	3200	25 U	25 U
MW-05	SH		25	2013Q2	06/17/13	10:23	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	40 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		220	100 U	100 U	3200	100 U	100 U
MW-05	SH	DP	25	2013Q3	09/19/13	10:05	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	20 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		150	50 U	50 U	3200	50 U	50 U
MW-05	SH	D	25	2013Q3	09/19/13	10:05	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	20 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		170	50 U	50 U	3500	50 U	50 U
MW-05	SH		25	2013Q4	11/21/13	11:45	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	10 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		140	25 U	25 U	2700	25 U	25 U
MW-05	SH		25	2014Q1	03/14/14	12:10	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	20 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		22	50 U	50 U	290	50 U	50 U
MW-05	SH	DP	25	2014Q2	06/25/14	10:06	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	6.25 U	25 U	25 U	12.5 U	25 U	125 U	12.5 U	25 U	125 U		104.5	25 U	12.5 U	1856.25	50 U	12.5 U
MW-05	SH	D	25	2014Q2	06/25/14	10:06	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	0.25 U	1 U	1 U	0.5 U	1 U	5 U	11.83	1 U	5 U		132.49	1 U	0.5 U	1799	2 U	0.5 U
MW-05	SH		25	2014Q3	09/16/14	11:00	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	0.25 U	0.5 U	1 U	0.5 U	0.82 J	5 U	24.1	1 U	5 U		161.87	0.5 U	0.54	2794	1 U	0.5 U
MW-05	SH	DP	25	2014Q4	12/11/14	11:28	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	6.25 U	12.5 U	25 U	12.5 U	12.5 U	125 U	12.5 U	25 U	125 U		74.5	12.5 U	12.5 U	1153.5	25 U	12.5 U
MW-05	SH	D	25	2014Q4	12/11/14	11:28	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.37	1 U	5 U		86.38	0.5 U	0.5 U	983	1 U	0.5 U
MW-05	SH		25	2015Q1	03/04/15	10:10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	20 U	10 U	10 U	100 U	11.4	20 U	100 U		144.8	10 U	10 U	2420.6	20 U	10 U
MW-05	SH	DP	25	2015Q2	06/30/15	14:28	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	20 U	10 U	10 U	100 U	18.8	20 U	100 U		121.2	10 U	10 U	2607.4	20 U	10 U
MW-05	SH	D	25	2015Q2	06/30/15	14:28	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	20 U	10 U	10 U	100 U	19.6	20 U	100 U		122.2	10 U	10 U	2694.2	20 U	10 U
MW-05	SH		25	2015Q3	09/09/15	12:11	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	25 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		112	50 U	50 U	2060	100 U	50 U
MW-06	SH		24	1998Q3	08/06/98		1 U	1 U	1 U	1.05	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	10.7	1 U	5 U	1 U	6.95	1 U	1 U	36	5 U	2 U
MW-06	SH		24	1999Q2	04/30/99		2.5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U	25 U	5.75	2.5 U	50 U		7.1	2.5 U	2.5 U	156	2.5 U	2.5 U
MW-06	SH		24	2000Q4	11/21/00		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	1 U	0.5 U	0.5 U	5 U	1	1 U	5 U		2.73	0.5 U	0.5 U	22.5	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-06	SH		24	2001Q3	07/17/01		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	1 U	0.5 U	0.5 U	5 U	0.71	1 U	5 U		1.87	0.5 U	0.5 U	16.2	0.5 U	0.5 U
MW-06	SH		24	2001Q4	10/16/01		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	1 U	0.5 U	0.5 U	5 U	0.59	1 U	5 U		1.95	0.5 U	0.5 U	16.9	0.5 U	0.5 U
MW-06	SH		24	2002Q1	01/16/02		0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.83	1 U	5 U		4	0.5 U	0.5 U	18.8	0.5 U	0.5 U
MW-06	SH		24	2002Q2	06/05/02		0.5 U	0.5 U	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.65	1 U	5 U		8.54	0.5 U	0.5 U	17.2	0.5 U	0.5 U
MW-06	SH		24	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	1.95	1 U	5 U		2.48	0.5 U	0.5 U	18	0.5 U	0.5 U
MW-06	SH		24	2002Q4	11/19/02		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	1 U	0.5 U	0.5 U	5 U	0.77	1 U	5 U		2.78	0.5 U	0.5 U	19	0.5 U	0.5 U
MW-06	SH		24	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	1.22	1 U	5 U		3.36	0.5 U	0.5 U	20.9	0.5 U	0.5 U
MW-06	SH		24	2003Q2	05/30/03		0.5 U	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.68	1 U	5 U		10.4	0.5 U	0.5 U	33	0.5 U	0.5 U
MW-06	SH		24	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.57	1 U	5 U		3.3	0.5 U	0.5 U	22	0.5 U	0.5 U
MW-06	SH		24	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.37	0.5 U	0.5 U	17.7	0.5 U	0.5 U
MW-06	SH		24	2004Q1	02/02/04		0.5 U	0.53	0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.55	1 U	5 U		17.5	0.5 U	0.5 U	33.1	0.5 U	0.5 U
MW-06	SH		24	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	1.49	1 U	5 U		4.88	0.5 U	0.5 U	22	0.5 U	0.5 U
MW-06	SH		24	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.53	0.5 U	0.5 U	20.5	0.5 U	0.5 U
MW-06	SH		24	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.38	0.5 U	0.5 U	20.5	0.5 U	0.5 U
MW-06	SH		24	2005Q1	02/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.82	0.5 U	0.5 U	16.2	0.5 U	0.5 U
MW-06	SH		24	2005Q4	11/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.4	0.5 U	0.5 U	21.1	0.5 U	0.5 U
MW-06	SH		24	2006Q1	03/23/06	14:06	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	1 U	0.5 U	0.5 U	5 U	1.23	1 U	5 U		3.66	0.5 U	0.5 U	25.1	0.5 U	0.5 U
MW-06	SH	DP	24	2006Q3	09/07/06	12:15	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	1 U	0.5 U	0.5 U	5 U	0.64	1 U	5 U		2.6	0.5 U	0.5 U	23.4	0.5 U	0.5 U
MW-06	SH	D	24	2006Q3	09/07/06	12:15	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	1 U	0.5 U	0.5 U	5 U	0.76	1 U	5 U		3.03	0.5 U	0.5 U	25.2	0.5 U	0.5 U
MW-06	SH		24	2007Q1	02/09/07	14:38	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	1 U	0.5 U	0.5 U	5 U	0.6	1 U	5 U		3.73	0.5 U	0.5 U	37	0.5 U	0.5 U
MW-06	SH		24	2007Q3	09/14/07	9:50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	2.05	1 U	1 U	18.8	1 U	1 U
MW-06	SH		24	2008Q1	03/04/08	11:34	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	1 U	0.5 U	0.5 U	5 U	0.73	1 U	5 U		2.87	0.5 U	0.5 U	37.2	0.5 U	0.5 U
MW-06	SH		24	2008Q3	09/19/08	13:14	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	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	2.7	0.5 U	0.5 U	25	0.5 U	
MW-06	SH		24	2009Q1	03/31/09	16:30	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		4.1	0.5 U	0.5 U	48	0.5 U	0.5 U
MW-06	SH	DP	24	2009Q2	06/19/09	9:44	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	0.5 U	0.5 U	0.5 U	1.6	0.5 U	2 U		8.2	0.5 U	0.5 U	110	0.5 U	0.5 U
MW-06	SH	D	24	2009Q2	06/19/09	9:44	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	0.5 U	0.5 U	0.5 U	1.6	0.5 U	2 U		8.2	0.5 U	0.5 U	120	0.5 U	0.5 U
MW-06	SH		24	2009Q3	09/22/09	10:58	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.7	0.5 U	0.5 U	17	0.5 U	0.5 U
MW-06	SH		24	2009Q4	12/17/09	16:00	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	0.5 U	0.5 U	0.5 U	1.1	0.5 U	2 U		5.3	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-06	SH		24	2010Q1	03/19/10	15:40	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	0.5 U	0.5 U	0.5 U	0.52	0.5 U	2 U		3.5	0.5 U	0.5 U	14	0.5 U	0.5 U
MW-06	SH		24	2010Q2	06/16/10	10:26	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	0.5 U	0.5 U	0.5 U	0.84	0.5 U	2 U		4.6	0.5 U	0.5 U	8.4	0.5 U	0.5 U
MW-06	SH		24	2010Q3	09/24/10	14:54	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.2	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-06	SH		24	2010Q4	12/09/10	9:25	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	0.5 U	0.5 U	0.5 U	0.88	0.5 U	2 U		4	0.5 U	0.5 U	11	0.5 U	0.5 U
MW-06	SH		24	2011Q1	03/17/11	11:45	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	0.5 U	0.5 U	0.5 U	0.73	0.5 U	2 U		3.6	0.5 U	0.5 U	7.8	0.5 U	0.5 U
MW-06	SH	DP	24	2011Q3	09/16/11	12:24	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.45	0.5 U	0.5 U	9.92	0.5 U	0.5 U
MW-06	SH	D	24	2011Q3	09/16/11	12:24	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.57	0.5 U	0.5 U	9.97	0.5 U	0.5 U
MW-06	SH	DP	24	2012Q1	03/28/12	13:00	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	1 U	0.5 U	0.5 U	5 U	0.52 J	1 U	5 U		2.3	0.5 U	0.5 U	4.4	0.5 U	0.5 U
MW-06	SH	D	24	2012Q1	03/28/12	7:00	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	1 U	0.5 U	0.5 U	5 U	0.53 J	1 U	5 U		2.2	0.5 U	0.5 U	4.3	0.5 U	0.5 U
MW-06	SH		24	2012Q3	09/06/12	15:45	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.7	0.5 U	0.5 U	9.1	0.5 U	0.5 U
MW-06	SH		24	2013Q1	03/21/13	14:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.7	0.5 U	0.5 U	5.8	0.5 U	0.5 U
MW-06	SH		24	2013Q3	09/18/13	9:35	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.4	0.5 U	0.5 U	4.4	0.5 U	0.5 U
MW-06	SH		24	2014Q1	03/13/14	12:20	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	1.9	0.5 U	0.5 U
MW-06	SH		24	2014Q3	09/11/14	14:02	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.94	0.5 U	0.5 U	3.02	1 U	0.5 U
MW-06	SH	DP	24	2015Q1	03/12/15	12:26	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	2.41	1 U	0.5 U
MW-06	SH	D	24	2015Q1	03/12/15	12:26	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1	0.5 U	0.5 U	2.47	1 U	0.5 U
MW-07	SH		25	1998Q3	08/06/98		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	9.4	5 U	25 U	5 U	12.8	5 U	5 U	531	25 U	10 U
MW-07	SH		25	1999Q2	04/30/99		10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U	10 U	10 U	100 U	10.2	10 U	200 U		23.2	10 U	10 U	1170	10 U	10 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-07	SH		25	2000Q4	11/17/00		10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U	10 U	10 U	100 U	10.2	10 U	200 U		31.9	10 U	10 U	2220	20 U	10 U
MW-07	SH	DP	25	2001Q3	07/25/01		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	11.4	10 U	50 U		24.5	5 U	5 U	1310	5 U	5 U
MW-07	SH	D	25	2001Q3	07/25/01		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	9.9	10 U	50 U		24.4	5 U	5 U	1290	5 U	5 U
MW-07	SH		25	2001Q4	11/01/01		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	10.5	10 U	50 U		30.3	5 U	5 U	1570	5 U	5 U
MW-07	SH		25	2002Q1	01/15/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	11	5 U	25 U		13.8	2.5 U	2.5 U	504	2.5 U	2.5 U
MW-07	SH		25	2002Q2	06/04/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14.5	5 U	25 U		30.8	2.5 U	2.5 U	376	2.5 U	2.5 U
MW-07	SH	DP	25	2002Q3	08/26/02		1 U	1 U	1 U	1.18	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	12.5	2 U	10 U		25.8	1 U	1 U	271	1 U	1 U
MW-07	SH	DP	25	2002Q4	11/26/02		1 U	1 U	1 U	1.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	12.1	2 U	10 U		28.2	1 U	1 U	363	1 U	1 U
MW-07	SH	D	25	2002Q4	11/26/02		1 U	1 U	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	12.3	2 U	10 U		23.7	1 U	1 U	397	1 U	1 U
MW-07	SH		25	2003Q1	02/28/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14.7	5 U	25 U		42.6	2.5 U	2.5 U	509	2.5 U	2.5 U
MW-07	SH		25	2003Q2	05/30/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	18.6	5 U	25 U		60.6	2.5 U	2.5 U	569	2.5 U	2.5 U
MW-07	SH		25	2003Q3	08/29/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	11.5	5 U	25 U		42.1	2.5 U	2.5 U	497	2.5 U	2.5 U
MW-07	SH		25	2003Q4	11/14/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	11.1	5 U	25 U		38.2	2.5 U	2.5 U	583	2.5 U	2.5 U
MW-07	SH		25	2004Q1	01/30/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14.2	5 U	25 U		58	2.5 U	2.5 U	892	2.5 U	2.5 U
MW-07	SH		25	2004Q2	05/07/04		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	9.98	2 U	10 U		31.5	1 U	1 U	303	1 U	1 U
MW-07	SH		25	2004Q3	08/20/04		1 U	1 U	1 U	1.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	10.4	2 U	10 U		35.6	1 U	1 U	345	1 U	1 U
MW-07	SH		25	2004Q4	11/22/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.75	5 U	25 U		40.8	2.5 U	2.5 U	461	2.5 U	2.5 U
MW-07	SH	DP	25	2005Q1	02/23/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.48	2 U	10 U		29.9	1 U	1 U	242	1 U	1 U
MW-07	SH	D	25	2005Q1	02/23/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.28	2 U	10 U		28.1	1 U	1 U	217	1 U	1 U
MW-07	SH		25	2005Q4	11/28/05		1 U	3.06	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.44	2 U	10 U		48.3	1 U	1 U	225	1 U	1 U
MW-07	SH		25	2006Q1	03/23/06	13:18	1 U	2.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.46	2 U	10 U		41.2	1 U	1 U	230	1 U	1 U
MW-07	SH		25	2006Q3	09/07/06	12:58	0.5 U	2.63	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5	5 U	2.84	1 U	5 U		33.7	0.5 U	0.5 U	107	0.5 U	0.5 U
MW-07	SH		25	2007Q1	02/09/07	14:50	0.5 U	1.24	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	1 U	0.5 U	0.5 U	5 U	3.05	1 U	5 U		28.7	0.5 U	0.5 U	198	0.5 U	0.5 U
MW-07	SH	DP	25	2007Q3	09/12/07	13:35	0.5 U	1.36 J	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	1 U	0.5 U	0.5 U	5 U	1.19 J	1 U	5 U		15.7 J	0.5 U	0.5 U	55.4 J	0.5 U	0.5 U
MW-07	SH	D	25	2007Q3	09/12/07	13:35	0.5 U	1.43 J	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	1 U	0.5 U	0.5 U	5 U	1.2 J	1 U	5 U		17.2 J	0.5 U	0.5 U	58 J	0.5 U	0.5 U
MW-07	SH		25	2008Q1	03/04/08	15:45	0.5 U	1.06	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	1 U	0.5 U	0.5 U	5 U	2.22	1 U	5 U		19.9	0.5 U	0.5 U	112	0.5 U	0.5 U
MW-07	SH		25	2008Q3	09/23/08	17:48	0.5 U	0.93	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	2.6	0.5 U	2 U	2 U	24	0.5 U	0.5 U	78	0.5 U	
MW-07	SH		25	2009Q1	03/31/09	12:30	0.5 U	0.85	0.5 U	0.63	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	0.5 U	4.9	0.5 U	2 U		30	0.5 U	0.5 U	330	0.5 U	0.5 U
MW-07	SH		25	2009Q2	06/16/09	16:29	0.5 U	0.56	0.5 U	0.57	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	6	0.5 U	2 U		33	0.5 U	0.5 U	320	0.5 U	0.5 U
MW-07	SH		25	2009Q3	09/21/09	12:46	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		9.2	0.5 U	0.5 U	23	0.5 U	0.5 U
MW-07	SH		25	2009Q4	12/17/09	9:33	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.76	0.5 U	2 U		8.3	0.5 U	0.5 U	28	0.5 U	0.5 U
MW-07	SH		25	2010Q1	03/19/10	12:41	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		6.2	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-07	SH		25	2010Q2	06/16/10	8:12	0.5 U	0.74	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	0.5 U	0.7	0.5 U	2 U		5.8	0.5 U	0.5 U	16	0.5 U	0.5 U
MW-07	SH		25	2010Q3	09/23/10	16:30	0.5 U	0.77	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	0.5 U	0.5 U	0.5 U	2 U		4.3	0.5 U	0.5 U	7.5	0.5 U	0.5 U
MW-07	SH		25	2010Q4	12/09/10	14:47	0.5 U	0.57	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	0.5 U	0.5 U	0.5 U	2 U		4.2	0.5 U	0.5 U	11	0.5 U	0.5 U
MW-07	SH		25	2011Q1	03/21/11	15:40	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.6	0.5 U	0.5 U	9.9	0.5 U	0.5 U
MW-07	SH		25	2011Q3	09/16/11	14:17	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	1 U	0.5 U	0.55	5 U	0.5 U	1 U	5 U		3.18	0.5 U	0.5 U	8.44	0.5 U	0.5 U
MW-07	SH		25	2012Q1	03/29/12	14:02	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2	0.5 U	0.5 U	6.7	0.5 U	0.5 U
MW-07	SH		25	2012Q3	09/05/12	15:30	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		2.4	0.5 U	0.5 U	7.4	0.5 U	0.5 U
MW-07	SH		25	2013Q1	03/18/13	16:46	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	1 U	0.5 U	0.54	5 U	0.5 U	1 U	5 U		2.1	0.5 U	0.5 U	8.1	0.5 U	0.5 U
MW-07	SH		25	2013Q3	09/18/13	15:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.7	0.5 U	0.5 U	7.3	0.5 U	0.5 U
MW-07	SH		25	2014Q1	03/20/14	12:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	3.5	0.5 U	0.5 U
MW-07	SH		25	2014Q3	09/21/14	12:27	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.57	0.5 U	0.5 U	7.95	1 U	0.5 U
MW-07	SH		25	2015Q1	03/01/15	11:21	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.31	0.5 U	0.5 U	4.98	1 U	0.5 U
MW-08	SH		25	1998Q3	08/06/98		1 U	1.89	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	4.36	1 U	5 U	1 U	6.36	1 U	1 U	45.8	5 U	2 U
MW-08	SH		25	1999Q2	04/30/99		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	1 U	1 U	0.5 U	0.5 U	5 U	4.15	0.5 U	10 U		5.35	0.5 U	0.5 U	14	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-08	SH		25	2000Q4	11/16/00		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	1 U	0.5 U	0.5 U	5 U	4.45	1 U	5 U		4.87	0.5 U	0.5 U	14.2	0.5 U	0.5 U
MW-08	SH		25	2001Q3	07/20/01		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	1 U	0.5 U	0.5 U	5 U	4.25	1 U	5 U		4.95	0.5 U	0.5 U	10.1	0.5 U	0.5 U
MW-08	SH		25	2001Q4	10/23/01		0.5 U	0.67	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.74	1 U	5 U		7.24	0.5 U	0.5 U	13.2	0.5 U	0.5 U
MW-08	SH	DP	25	2002Q1	01/15/02		0.5 U	0.57	0.5 U	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.89	1 U	5 U		6.5	0.5 U	0.5 U	11	0.5 U	0.5 U
MW-08	SH	D	25	2002Q1	01/15/02		0.5 U	0.55	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.38	1 U	5 U		6.77	0.5 U	0.5 U	12.1	0.5 U	0.5 U
MW-08	SH		25	2002Q2	05/31/02		0.5 U	0.57	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.52	1 U	5 U		11	0.5 U	0.5 U	11.9	0.5 U	0.5 U
MW-08	SH	DP	25	2002Q3	08/22/02		0.5 U	0.7	0.5 U	0.94	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.54	1 U	5 U		13.2	0.5 U	0.5 U	13.9	0.5 U	0.5 U
MW-08	SH	D	25	2002Q3	08/22/02		0.5 U	0.66	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.23	1 U	5 U		13.4	0.5 U	0.5 U	13.6	0.5 U	0.5 U
MW-08	SH		25	2002Q4	11/22/02		0.5 U	0.83	0.5 U	0.94	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.39	1 U	5 U		17.3	0.5 U	0.5 U	17.4	0.5 U	0.5 U
MW-08	SH		25	2003Q1	02/25/03		0.5 U	0.83	0.5 U	0.89	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.84	1 U	5 U		25	0.5 U	0.5 U	18	0.5 U	0.5 U
MW-08	SH		25	2003Q2	05/27/03		0.5 U	0.94	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.45	1 U	5 U		25.6	0.5 U	0.5 U	16.5	0.5 U	0.5 U
MW-08	SH		25	2003Q3	08/26/03		0.5 U	0.91	0.5 U	0.76	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.7	1 U	5 U		30.2	0.5 U	0.5 U	20.9	0.5 U	0.5 U
MW-08	SH		25	2003Q4	11/11/03		0.5 U	0.73	0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.79	1 U	5 U		25.5	0.5 U	0.5 U	15.6	0.5 U	0.5 U
MW-08	SH	DP	25	2004Q1	01/28/04		0.5 U	0.56	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.57	1 U	5 U		19.9	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-08	SH	D	25	2004Q1	01/28/04		0.5 U	0.56	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.3	1 U	5 U		20.1	0.5 U	0.5 U	12.2	0.5 U	0.5 U
MW-08	SH		25	2004Q2	05/06/04		0.5 U	0.7	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.51	1 U	5 U		22.3	0.5 U	0.5 U	15.3	0.5 U	0.5 U
MW-08	SH		25	2004Q3	08/17/04		0.5 U	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	1 U	0.5 U	0.62	5 U	5.74	1 U	5 U		19.4	0.5 U	0.5 U	22.3	0.5 U	0.5 U
MW-08	SH		25	2004Q4	11/17/04		0.5 U	1.77	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.98 UB	5 U	5.63	1 U	5 U		28.6	0.5 U	0.5 U	70.6	0.5 U	0.5 U
MW-08	SH		25	2005Q1	02/10/05		0.5 U	2.43	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	1 U	0.5 U	1.01 UB	5 U	4.46	1 U	5 U		31.3	0.5 U	0.5 U	102	0.5 U	0.5 U
MW-08	SH		25	2005Q2	05/20/05		1 U	5.48	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1.12 UB	10 U	3.92	2 U	10 U		63.2	1 U	1 U	206	1 U	1 U
MW-08	SH		25	2005Q3	08/19/05		0.5 U	4.08	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.65 UB	5 U	3.11	1 U	5 U		48.6	0.5 U	0.5 U	145	0.5 U	0.5 U
MW-08	SH		25	2005Q4	11/18/05		0.5 U	3.54	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.96	1 U	5 U		29.2	0.5 U	0.5 U	82.1	0.5 U	0.5 U
MW-08	SH		25	2006Q1	03/23/06	12:30	0.5 U	3.35	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	1 U	0.5 U	0.52	5 U	1.71	1 U	5 U		32.8	0.5 U	0.5 U	85.8	0.5 U	0.5 U
MW-08	SH		25	2006Q2	06/06/06	16:43	0.5 U	3.21	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.57	1 U	5 U		26	0.5 U	0.5 U	59.4	0.5 U	0.5 U
MW-08	SH		25	2006Q3	09/07/06	18:10	0.5 U	1.93	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.64	1 U	5 U		13.5	0.5 U	0.5 U	28.5	0.5 U	0.5 U
MW-08	SH		25	2006Q4	12/06/06	11:26	0.5 U	1.46	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		10.6	0.5 U	0.5 U	21.8	0.5 U	0.5 U
MW-08	SH		25	2007Q1	02/12/07	17:45	0.5 U	1.33	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	1 U	0.5 U	0.5 U	5 U	0.51	1 U	5 U		11.9	0.5 U	0.5 U	24.9	0.5 U	0.5 U
MW-08	SH		25	2007Q3	09/14/07	8:36	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	5.55	1 U	1 U	8.74	1 U	1 U
MW-08	SH		25	2008Q1	03/05/08	10:49	0.5 U	0.72	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		5.11	0.5 U	0.5 U	9.28	0.5 U	0.5 U
MW-08	SH		25	2008Q3	09/22/08	11:03	0.5 U	0.94	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	0.5 U	0.69	0.5 U	2 U		7.8	0.5 U	0.5 U	17	0.5 U	0.5 U
MW-08	SH		25	2009Q1	03/26/09	10:18	0.5 U	0.76	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	0.5 U	1.2	0.5 U	2 U		13	0.5 U	0.5 U	24	0.5 U	0.5 U
MW-08	SH		25	2009Q2	06/18/09	8:52	0.5 U	0.88	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	0.58	0.5 U	2.5	0.5 U	2 U		20	0.5 U	0.5 U	33	0.5 U	0.5 U
MW-08	SH		25	2009Q3	09/21/09	18:37	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		6.8	0.5 U	0.5 U	3.4	0.5 U	0.5 U
MW-08	SH		25	2009Q4	12/17/09	13:45	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		4.5	0.5 U	0.5 U	1.8	0.5 U	0.5 U
MW-08	SH	DP	25	2010Q1	03/19/10	16:43	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		4.2	0.5 U	0.5 U	1.2	0.5 U	0.5 U
MW-08	SH	D	25	2010Q1	03/19/10	16:43	0.5 U	0.82	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	0.5 U	0.5 U	0.5 U	2 U		4.1	0.5 U	0.5 U	1.3	0.5 U	0.5 U
MW-08	SH		25	2010Q2	06/15/10	19:27	0.5 U	0.7	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		4.3	0.5 U	0.5 U	1.7	0.5 U	0.5 U
MW-08	SH		25	2010Q3	09/24/10	16:31	0.5 U	0.52	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	0.5 U	0.5 U	0.5 U	2 U		3.7	0.5 U	0.5 U	2.6	0.5 U	0.5 U
MW-08	SH		25	2010Q4	12/09/10	8:12	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.8	0.5 U	0.5 U	1.3	0.5 U	0.5 U
MW-08	SH		25	2011Q1	03/17/11	9:55	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.8	0.5 U	0.5 U	2.3	0.5 U	0.5 U
MW-08	SH		25	2011Q3	09/16/11	11:29	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.06	0.5 U	0.5 U	2.69	0.5 U	0.5 U
MW-08	SH		25	2012Q1	03/28/12	12:06	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.8	0.5 U	0.5 U	2.9	0.5 U	0.5 U
MW-08	SH		25	2012Q3	09/05/12	17:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.8	0.5 U	0.5 U	2.8	0.5 U	0.5 U
MW-08	SH		25	2013Q1	03/19/13	16:33	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	2.2	0.5 U	0.5 U
MW-08	SH	DP	25	2013Q3	09/20/13	9:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	2.3	0.5 U	0.5 U
MW-08	SH	D	25	2013Q3	09/20/13	9:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	2.2	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-08	SH		25	2014Q1	03/20/14	16:40	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	2.9	0.5 U	0.5 U
MW-08	SH	DP	25	2014Q3	09/09/14	17:56	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.13	0.5 U	0.5 U	1.94	1 U	0.5 U
MW-08	SH	D	25	2014Q3	09/09/14	17:56	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.92	0.5 U	0.5 U	1.63	1 U	0.5 U
MW-08	SH		25	2015Q1	03/01/15	10:50	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.06	0.5 U	0.5 U	1.93	1 U	0.5 U
MW-09	SH		27	1998Q3	08/06/98		5 U	10.3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	25 U	5 U	17	5 U	5 U	262	25 U	10 U
MW-09	SH		27	1999Q2	04/30/99		1 U	6.76	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U	10 U	2.92	1 U	20 U		12.2	1 U	1 U	142	1 U	1 U
MW-09	SH		27	2000Q4	11/21/00		0.5 U	4.43	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	1 U	0.5 U	0.5 U	5 U	3.36	1 U	5 U		12	0.5 U	0.5 U	121	0.5 U	0.5 U
MW-09	SH		27	2001Q3	07/24/01		0.5 U	2.13	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	1 U	0.5 U	0.5 U	5 U	1.51	1 U	5 U		6.45	0.5 U	0.5 U	52	0.5 U	0.5 U
MW-09	SH		27	2001Q4	10/31/01		0.5 U	1.97	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	1 U	0.5 U	0.5 U	5 U	2.82	1 U	5 U		7.71	0.5 U	0.5 U	51	0.5 U	0.5 U
MW-09	SH		27	2002Q1	01/18/02		0.5 U	1.04	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	1 U	0.5 U	0.5 U	5 U	1.16	1 U	5 U		4.38	0.5 U	0.5 U	19.6	0.5 U	0.5 U
MW-09	SH	DP	27	2002Q2	06/04/02		0.5 U	1.03	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	1 U	0.5 U	0.5 U	5 U	2.28	1 U	5 U		4.75	0.5 U	0.5 U	14.8	0.5 U	0.5 U
MW-09	SH	D	27	2002Q2	06/04/02		0.5 U	1.09	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	1 U	0.5 U	0.5 U	5 U	2.34	1 U	5 U		4.97	0.5 U	0.5 U	15.5	0.5 U	0.5 U
MW-09	SH		27	2002Q3	08/22/02		0.5 U	1.28	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	1 U	0.5 U	0.5 U	5 U	4.11	1 U	5 U		6.65	0.5 U	0.5 U	33.9	0.5 U	0.5 U
MW-09	SH		27	2002Q4	11/21/02		0.5 U	1.47	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.95	1 U	5 U		8.8	0.5 U	0.5 U	44.1	0.5 U	0.5 U
MW-09	SH		27	2003Q1	02/26/03		0.5 U	0.81	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	1 U	0.5 U	0.5 U	5 U	1.4	1 U	5 U		4.63	0.5 U	0.5 U	19.7	0.5 U	0.5 U
MW-09	SH		27	2003Q2	05/28/03		0.5 U	0.85	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	1 U	0.5 U	0.5 U	5 U	3.12	1 U	5 U		7.75	0.5 U	0.5 U	22.4	0.5 U	0.5 U
MW-09	SH		27	2003Q3	08/28/03		0.5 U	1.79	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	1 U	0.5 U	0.5 U	5 U	5.31	1 U	5 U		16.7	0.5 U	0.5 U	72.2	0.5 U	0.5 U
MW-09	SH		27	2003Q4	11/12/03		0.5 U	1.6	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.57 UB	5 U	5.54	1 U	5 U		14.5	0.5 U	0.5 U	57.1	0.5 U	0.5 U
MW-09	SH		27	2004Q1	01/29/04		0.5 U	0.96	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	1 U	0.5 U	0.5 U	5 U	2.21	1 U	5 U		8.5	0.5 U	0.5 U	25.1	0.5 U	0.5 U
MW-09	SH		27	2004Q2	05/06/04		0.5 U	0.88	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	1 U	0.5 U	0.5 U	5 U	1.68	1 U	5 U		7.4	0.5 U	0.5 U	25.1	0.5 U	0.5 U
MW-09	SH	DP	27	2004Q3	08/18/04		0.5 U	3.41	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	1 U	0.5 U	0.53	5 U	3.61	1 U	5 U		18.9	0.5 U	0.5 U	113	0.5 U	0.5 U
MW-09	SH	D	27	2004Q3	08/18/04		0.5 U	3.47	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	1 U	0.5 U	0.57	5 U	3.61	1 U	5 U		19.8	0.5 U	0.5 U	115	0.5 U	0.5 U
MW-09	SH		27	2004Q4	11/18/04		0.5 U	1.83	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	1 U	0.5 U	0.5 U	5 U	2.09	1 U	5 U		12.5	0.5 U	0.5 U	57.6	0.5 U	0.5 U
MW-09	SH		27	2005Q1	02/15/05		0.5 U	1.39	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	1 U	0.5 U	0.5 U	5 U	1.52	1 U	5 U		9.87	0.5 U	0.5 U	44.9	0.5 U	0.5 U
MW-09	SH		27	2005Q2	05/19/05		0.5 U	2.32	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	1 U	0.5 U	0.5 U	5 U	2.31	1 U	5 U		21.5	0.5 U	0.5 U	76.8	0.5 U	0.5 U
MW-09	SH		27	2005Q3	08/19/05		0.5 U	3.67	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.76	1 U	5 U		17.6	0.5 U	0.5 U	36.5	0.5 U	0.5 U
MW-09	SH		27	2005Q4	11/17/05		0.5 U	2.29	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		5.25	0.5 U	0.5 U	12.1	0.5 U	0.5 U
MW-09	SH		27	2006Q1	03/22/06	10:00	0.5 U	2.22	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		6.76	0.5 U	0.5 U	11.8	0.5 U	0.5 U
MW-09	SH		27	2006Q2	06/06/06	12:46	0.5 U	2.73	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		6.17	0.5 U	0.5 U	8.64	0.5 U	0.5 U
MW-09	SH		27	2006Q3	09/05/06	15:38	0.5 U	1.91	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.88	0.5 U	0.5 U	2.6	0.5 U	0.5 U
MW-09	SH		27	2006Q4	12/06/06	9:06	0.5 U	0.78	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.82	0.5 U	0.5 U	4.61	0.5 U	0.5 U
MW-09	SH		27	2007Q1	02/12/07	10:43	0.5 U	1.33	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.12	0.5 U	0.5 U	4.58	0.5 U	0.5 U
MW-09	SH		27	2007Q3	09/13/07	10:58	0.5 U	1.64	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-09	SH		27	2008Q1	02/27/08	16:28	0.5 U	1.06	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.45	0.5 U	0.5 U	2.15	0.5 U	0.5 U
MW-09	SH		27	2008Q3	09/19/08	14:55	0.5 U	1.3	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	0.5 U	0.5 U	2 U	2 U	3.8	0.5 U	0.5 U	1.6	0.5 U	
MW-09	SH		27	2009Q1	03/24/09	15:59	0.5 U	1.4	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	0.5 U	0.5 U	0.5 U	2 U		4	0.5 U	0.5 U	2.7	0.5 U	0.5 U
MW-09	SH	DP	27	2009Q2	06/17/09	12:23	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.3	0.5 U	0.5 U	3.7	0.5 U	0.5 U
MW-09	SH	D	27	2009Q2	06/17/09	12:23	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.7	0.5 U	0.5 U	3.9	0.5 U	0.5 U
MW-09	SH		27	2009Q3	09/21/09	10:59	0.5 U	0.91	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	0.5 U	0.5 U	0.5 U	2 U		5.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-09	SH		27	2010Q1	03/18/10	10:34	0.5 U	0.79	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	0.5 U	0.5 U	0.5 U	2 U		4.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-09	SH		27	2010Q2	06/16/10	12:34	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-09	SH		27	2010Q3	09/23/10	10:55	0.5 U	0.51	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	0.5 U	0.5 U	0.5 U	2 U		3.8	0.5 U	0.5 U	3.4	0.5 U	0.5 U
MW-09	SH		27	2010Q4	12/07/10	9:27	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.2	0.5 U	0.5 U	0.53	0.5 U	0.5 U
MW-09	SH		27	2011Q1	03/17/11	15:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.2	0.5 U	0.5 U	1.3	0.5 U	0.5 U
MW-09	SH		27	2011Q3	09/12/11	10:28	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.06	0.5 U	0.5 U	2.64	0.5 U	0.5 U
MW-09	SH		27	2012Q1	03/13/12	13:23	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	2.3	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-09	SH		27	2012Q3	09/05/12	14:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.3	0.5 U	0.5 U	2.2	0.5 U	0.5 U
MW-09	SH		27	2013Q1	03/19/13	9:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	1.9	0.5 U	0.5 U
MW-09	SH		27	2013Q3	09/18/13	10:20	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	1.6	0.5 U	0.5 U
MW-09	SH		27	2014Q1	03/13/14	10:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	1.5	0.5 U	0.5 U
MW-09	SH		27	2014Q3	09/11/14	16:27	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.76	0.5 U	0.5 U	0.97	1 U	0.5 U
MW-09	SH		27	2015Q1	03/12/15	11:27	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.76	0.5 U	0.5 U	1.06	1 U	0.5 U
MW-09	SH		27	2015Q3	09/03/15	15:17	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	0.25 U	0.5 U	1 U	0.5 U	0.59 J	5 U	0.5 U	1 U	5 U		1	0.5 U	0.5 U	1.22	1 U	0.5 U
MW-10	SH		26	1998Q3	08/06/98		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	18.5	5 U	25 U	5 U	17.8	5 U	5 U	554	25 U	10 U
MW-10	SH		26	1999Q2	04/30/99		2.5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U	25 U	10	2.5 U	50 U		10.3	2.5 U	2.5 U	270	2.5 U	2.5 U
MW-10	SH		26	2000Q4	11/21/00		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.42	2 U	10 U		9.52	1 U	1 U	375	1 U	1 U
MW-10	SH		26	2001Q3	07/24/01		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5	2 U	10 U		9.06	1 U	1 U	321	1 U	1 U
MW-10	SH		26	2001Q4	10/31/01		0.5 U	0.53	0.5 U	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.27	1 U	5 U		8.24	0.5 U	0.5 U	192	0.5 U	0.5 U
MW-10	SH		26	2002Q1	01/18/02		0.5 U	0.52	0.5 U	0.83	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.4	1 U	5 U		8.09	0.5 U	0.5 U	56.3	0.5 U	0.5 U
MW-10	SH		26	2002Q2	06/04/02		0.5 U	0.79	0.5 U	1.17	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12	1 U	5 U		14.4	0.5 U	0.5 U	31.9	0.5 U	0.5 U
MW-10	SH		26	2002Q3	08/22/02		0.5 U	0.62	0.5 U	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.3	1 U	5 U		11.7	0.5 U	0.5 U	104	0.5 U	0.5 U
MW-10	SH		26	2002Q4	11/22/02		0.5 U	0.72	0.5 U	1.13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.8	1 U	5 U		15.4	0.5 U	0.5 U	133	0.5 U	0.5 U
MW-10	SH		26	2003Q1	02/27/03		0.5 U	0.79	0.5 U	1.12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.93	1 U	5 U		18.6	0.5 U	0.5 U	112	0.5 U	0.5 U
MW-10	SH		26	2003Q2	05/29/03		0.5 U	1.02	0.5 U	1.32	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.4	1 U	5 U		26.4	0.5 U	0.5 U	72.6	0.5 U	0.5 U
MW-10	SH		26	2003Q3	08/28/03		1 U	1 U	1 U	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	9.84	2 U	10 U		26.4	1 U	1 U	221	1 U	1 U
MW-10	SH	DP	26	2003Q4	11/13/03		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	9.08	2 U	10 U		19.2	1 U	1 U	144	1 U	1 U
MW-10	SH	D	26	2003Q4	11/13/03		0.5 U	0.7	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.81	1 U	5 U		20.4	0.5 U	0.5 U	178	0.5 U	0.5 U
MW-10	SH	DP	26	2004Q1	01/30/04		0.5 U	0.85	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.7	1 U	5 U		25.4	0.5 U	0.5 U	88.6	0.5 U	0.5 U
MW-10	SH	D	26	2004Q1	01/30/04		0.5 U	0.78	0.5 U	1.08	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.5	1 U	5 U		24.8	0.5 U	0.51	87.3	0.5 U	0.5 U
MW-10	SH		26	2004Q2	05/07/04		1 U	1 U	1 U	1.18	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	10.9	2 U	10 U		25.5	1 U	1 U	222	1 U	1 U
MW-10	SH		26	2004Q3	08/19/04		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	10.1	2 U	10 U		24.5	1 U	1 U	277	1 U	1 U
MW-10	SH	DP	26	2004Q4	11/19/04		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	8.62	2 U	10 U		26.8	1 U	1 U	227	1 U	1 U
MW-10	SH	D	26	2004Q4	11/19/04		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	9.96	2 U	10 U		26.2	1 U	1 U	226	1 U	1 U
MW-10	SH		26	2005Q1	02/17/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 UB	10 U	8.4	2 U	10 U		22.6	1 U	1 U	207	1 U	1 U
MW-10	SH		26	2005Q4	11/21/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	7.72	2 U	10 U		26.1	1 U	1 U	279	1 U	1 U
MW-10	SH		26	2006Q1	03/22/06	11:35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	8	2 U	10 U		30.4	1 U	1 U	236	1 U	1 U
MW-10	SH		26	2006Q3	09/11/06	13:22	1 U	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.38	2 U	10 U		23.8	1 U	1 U	164	1 U	1 U
MW-10	SH	DP	26	2006Q4	12/06/06	15:38	0.5 U	1.11	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.57 UB	5 U	6.4	1 U	5 U		28.5	0.5 U	0.5 U	157	0.5 U	0.5 U
MW-10	SH	D	26	2006Q4	12/06/06	15:38	0.5 U	1.12	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	1 U	0.5 U	0.57 UB	5 U	6.2	1 U	5 U		28.7	0.5 U	0.5 U	174	0.5 U	0.5 U
MW-10	SH		26	2007Q1	02/12/07	11:21	0.5 U	1.16	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.52 UB	5 U	6.97	1 U	5 U		35.5	0.5 U	0.5 U	237 J	0.5 U	0.5 U
MW-10	SH	DP	26	2007Q2	05/24/07	14:37	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.6	2 U	10 U		29.7	1 U	1 U	218	1 U	1 U
MW-10	SH	D	26	2007Q2	05/24/07	14:37	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	2 U	1 U	1 U	10 U	5.78	2 U	10 U		30.4	1 U	1 U	222	1 U	1 U
MW-10	SH		26	2007Q3	09/13/07	11:37	0.5 U	1.18	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.67	1 U	5 U		25.9	0.5 U	0.5 U	197	0.5 U	0.5 U
MW-10	SH		26	2008Q1	02/29/08	11:45	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.54	2 U	10 U		36.6	1 U	1 U	365 J	1 U	1 U
MW-10	SH	DP	26	2008Q3	09/22/08	15:39	0.5 U	0.69	0.5 U	0.5	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	0.5 U	4.3	0.5 U	2 U		20	0.5 U	0.5 U	200	0.5 U	0.5 U
MW-10	SH	D	26	2008Q3	09/22/08	15:39	0.5 U	0.67	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	0.5 U	4.4	0.5 U	2 U		17	0.5 U	0.5 U	200	0.5 U	0.5 U
MW-10	SH		26	2009Q1	03/24/09	9:32	0.5 U	0.67	0.5 U	0.5	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	1.3	0.5 U	5.3	0.5 U	2 U		23	0.5 U	0.5 U	220	0.5 U	0.5 U
MW-10	SH		26	2009Q2	06/17/09	9:46	0.5 U	0.56	0.5 U	0.56	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	0.82	0.5 U	5.2	0.5 U	2 U		24	0.5 U	0.5 U	160	0.5 U	0.5 U
MW-10	SH		26	2009Q3	09/22/09	11:49	0.5 U	0.74	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	0.5 U	1.6	0.5 U	2 U		13	0.5 U	0.5 U	57	0.5 U	0.5 U
MW-10	SH		26	2009Q4	12/16/09	14:49	0.5 U	0.68	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	0.5 U	1.3	0.5 U	2 U		7	0.5 U	0.5 U	28	0.5 U	0.5 U
MW-10	SH		26	2010Q1	03/18/10	12:26	0.5 U	0.67	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	0.5 U	0.99	0.5 U	2 U		5.9	0.5 U	0.5 U	22	0.5 U	0.5 U
MW-10	SH		26	2010Q2	06/16/10	13:50	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	0.5 U	0.5 U	0.5 U	1.9	0.5 U	2 U		7.2	0.5 U	0.5 U	29	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-10	SH		26	2010Q3	09/24/10	10:55	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	0.5 U	0.5 U	0.5 U	0.65	0.5 U	2 U		4	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-10	SH		26	2010Q4	12/07/10	8:47	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	0.5 U	0.5 U	0.5 U	0.68	0.5 U	2 U		4	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-10	SH		26	2011Q1	03/17/11	12:37	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	0.5 U	0.5 U	0.5 U	0.77	0.5 U	2 U		3.6	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-10	SH		26	2011Q2	06/08/11	12:25	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	0.5 U	0.5 U	0.5 U	1.6	0.5 U	2 U		6.4	0.5 U	0.5 U	16	0.5 U	0.5 U
MW-10	SH		26	2011Q3	09/12/11	12:04	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.57	0.5 U	0.5 U	7.13	0.5 U	0.5 U
MW-10	SH		26	2011Q4	12/07/11	15:01	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	1 U	0.5 U	0.51	5 U	0.63	1 U	5 U		2.15	0.5 U	0.5 U	6.3	0.5 U	0.5 U
MW-10	SH		26	2012Q1	03/13/12	14:03	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.7	0.5 U	0.5 U	5.3	0.5 U	0.5 U
MW-10	SH		26	2012Q2	06/19/12	13:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.7	0.5 U	0.5 U	4.5	0.5 U	0.5 U
MW-10	SH		26	2012Q3	09/06/12	14:40	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.9	0.5 U	0.5 U	4.5	0.5 U	0.5 U
MW-10	SH		26	2013Q1	03/19/13	12:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.4	0.5 U	0.5 U	3.8	0.5 U	0.5 U
MW-10	SH		26	2013Q3	09/18/13	14:20	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	2.8	0.5 U	0.5 U
MW-10	SH		26	2014Q1	03/13/14	12:55	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.62	1 U	5 U		1.9	0.5 U	0.5 U	5.2	0.5 U	0.5 U
MW-10	SH		26	2014Q3	09/11/14	15:24	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.89	0.5 U	0.5 U	1.98	1 U	0.5 U
MW-10	SH		26	2015Q1	03/17/15	12:20	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.93	0.5 U	0.5 U	1.8	1 U	0.5 U
MW-11	SH		21	1999Q2	04/27/99		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	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U		0.5 U	0.5 U	0.5 U	0.7	0.5 U	0.5 U
MW-11	SH		21	2000Q4	11/15/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2001Q3	07/18/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2001Q4	10/17/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2002Q1	01/18/02		0.5 U	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.99	1 U	5 U		8.38	0.5 U	0.5 U	5.76	0.5 U	0.5 U
MW-11	SH		21	2002Q2	06/05/02		0.5 U	0.62	0.5 U	0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.91	1 U	5 U		19	0.5 U	0.5 U	7.82	0.5 U	0.5 U
MW-11	SH		21	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.58	0.5 U	0.5 U	0.95	0.5 U	0.5 U
MW-11	SH		21	2002Q4	11/20/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2003Q1	02/24/03		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	1 U	0.5 U	0.5 U	5 U	2.29	1 U	5 U		5.05	0.5 U	0.5 U	3.18	0.5 U	0.5 U
MW-11	SH		21	2003Q2	05/27/03		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	1 U	0.5 U	0.5 U	5 U	2.27	1 U	5 U		5.35	0.5 U	0.5 U	3.31	0.5 U	0.5 U
MW-11	SH		21	2003Q3	08/25/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.37	0.5 U	0.5 U	0.75	0.5 U	0.5 U
MW-11	SH		21	2003Q4	11/11/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2004Q1	01/27/04		0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.02	1 U	5 U		14.9	0.5 U	0.5 U	8.14	0.5 U	0.5 U
MW-11	SH		21	2004Q2	05/04/04		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	1 U	0.5 U	0.5 U	5 U	0.94	1 U	5 U		3.56	0.5 U	0.5 U	2.07	0.5 U	0.5 U
MW-11	SH		21	2004Q3	08/17/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2004Q4	11/17/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2005Q1	02/10/05		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	1 U	0.5 U	0.5 U	5 U	1.33	1 U	5 U		3.52	0.5 U	0.5 U	2.15	0.5 U	0.5 U
MW-11	SH		21	2005Q2	05/18/05		0.5 U	0.5 U	0.5 U	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.49	1 U	5 U		19.2	0.5 U	0.5 U	9.59	0.5 U	0.5 U
MW-11	SH		21	2005Q3	08/17/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.95	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2005Q4	11/16/05		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	1 U	0.5 U	0.5 U	5 U	1.46	1 U	5 U		3.93	0.5 U	0.5 U	2.36	0.5 U	0.5 U
MW-11	SH		21	2006Q1	03/22/06	15:04	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	1 U	0.5 U	0.5 U	5 U	0.79	1 U	5 U		3.3	0.5 U	0.5 U	1.86	0.5 U	0.5 U
MW-11	SH		21	2006Q2	06/06/06	10:35	0.5 U	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.53	1 U	5 U		11.8	0.5 U	0.5 U	8.78	0.5 U	0.5 U
MW-11	SH	DP	21	2006Q3	09/11/06	11:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.55	0.5 U	0.5 U	0.85	0.5 U	0.5 U
MW-11	SH	D	21	2006Q3	09/11/06	11:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.46	0.5 U	0.5 U	0.77	0.5 U	0.5 U
MW-11	SH		21	2007Q1	02/09/07	13:08	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	1 U	0.5 U	0.5 U	5 U	0.68	1 U	5 U		2.93	0.5 U	0.5 U	7.75	0.5 U	0.5 U
MW-11	SH		21	2007Q3	09/12/07	10:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.31 J	0.5 U	0.5 U	1.73 J	0.5 U	0.5 U
MW-11	SH		21	2008Q1	02/29/08	12:40	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	1 U	0.5 U	0.5 U	5 U	0.62	1 U	5 U		2.04	0.5 U	0.5 U	2.33	0.5 U	0.5 U
MW-11	SH		21	2008Q3	09/23/08	15:20	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	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	1.7	0.5 U	0.5 U	1.2	0.5 U	
MW-11	SH		21	2009Q1	04/01/09	14:15	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	0.5 U	0.5 U	0.5 U	2	0.5 U	2 U		6.4	0.5 U	0.5 U	6	0.5 U	0.5 U
MW-11	SH		21	2009Q2	06/18/09	13:54	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	0.5 U	0.5 U	0.5 U	2.7	0.5 U	2 U		5.1	0.5 U	0.5 U	5	0.5 U	0.5 U
MW-11	SH		21	2009Q3	09/18/09	12:54	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.4	0.5 U	0.5 U	0.94	0.5 U	0.5 U
MW-11	SH		21	2010Q1	03/22/10	15:04	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.8	0.5 U	0.5 U	0.96	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-11	SH		21	2010Q2	06/16/10	14:41	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	0.5 U	0.5 U	0.5 U	3	0.5 U	2 U		4.2	0.5 U	0.5 U	2.4	0.5 U	0.5 U
MW-11	SH		21	2010Q3	09/22/10	15:30	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.4	0.5 U	0.5 U	0.81	0.5 U	0.5 U
MW-11	SH		21	2010Q4	12/07/10	12:31	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	0.5 U	0.5 U	0.5 U	1.1	0.5 U	2 U		2.2	0.5 U	0.5 U	1.3	0.5 U	0.5 U
MW-11	SH		21	2011Q1	03/16/11	16:31	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	0.5 U	0.5 U	0.5 U	1.8	0.5 U	2 U		2.8	0.5 U	0.5 U	1.6	0.5 U	0.5 U
MW-11	SH		21	2011Q3	09/12/11	12:57	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.75	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2012Q1	03/14/12	16:04	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	1 U	0.5 U	0.5 U	5 U	0.83 J	1 U	5 U		2	0.5 U	0.5 U	0.92 J	0.5 U	0.5 U
MW-11	SH		21	2012Q3	09/06/12	9:30	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2013Q1	03/20/13	16:03	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2013Q3	09/17/13	15:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2014Q1	03/13/14	13:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	SH		21	2014Q3	09/10/14	16:29	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-11	SH		21	2015Q1	03/05/15	10:05	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-12	SH		26	2000Q4	11/07/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2001Q3	07/17/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2001Q4	10/17/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2002Q1	01/29/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.85	0.5 U	0.5 U
MW-12	SH		26	2002Q2	06/05/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2002Q4	11/19/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2005Q1	02/11/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2005Q4	11/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2006Q1	03/24/06	10:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2007Q1	02/08/07	9:21	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2008Q1	02/28/08	10:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2009Q1	03/30/09	14:08	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	0.5 U	0.5 U	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
MW-12	SH		26	2009Q3	09/17/09	16:34	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	0.5 U	0.5 U	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
MW-12	SH		26	2010Q1	03/15/10	16:11	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	0.5 U	0.5 U	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
MW-12	SH		26	2011Q1	03/15/11	14:48	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	0.5 U	0.5 U	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
MW-12	SH		26	2012Q1	03/13/12	16:02	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2013Q1	03/18/13	16:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2014Q1	03/11/14	14:32	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	SH		26	2015Q1	03/02/15	11:34	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-13	SH		24	2000Q4	11/21/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	SH		24	2001Q3	07/16/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	SH		24	2001Q4	10/17/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	SH		24	2002Q1	01/12/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	SH		24	2002Q2	06/05/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	SH		24	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-13	SH		24	2002Q4	11/19/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2000Q4	11/09/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2001Q3	07/18/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2001Q4	10/22/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2002Q1	01/10/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2002Q2	06/05/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2002Q4	11/19/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH	DP	28	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH	D	28	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2005Q1	02/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2005Q4	11/22/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2006Q1	03/24/06	9:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2007Q1	02/09/07	10:59	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	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2008Q1	03/05/08	12:48	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2009Q1	03/26/09	12:12	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	0.5 U	0.5 U	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
MW-15	SH		28	2009Q3	09/17/09	13:31	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	0.5 U	0.5 U	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
MW-15	SH		28	2010Q1	03/18/10	13:53	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	0.5 U	0.5 U	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
MW-15	SH		28	2011Q1	03/16/11	14:40	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	0.5 U	0.5 U	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
MW-15	SH		28	2012Q1	03/12/12	13:46	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2013Q1	03/18/13	12:34	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2014Q1	03/12/14	10:05	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	SH		28	2015Q1	03/01/15	12:36	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-16	SH		31	2000Q4	11/21/00		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	7.55	5 U	2.5 U	2.5 U	25 U	7.4	5 U	25 U		14.8	2.5 U	2.5 U	726	2.5 U	2.5 U
MW-16	SH		31	2001Q3	07/25/01		3.6	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.25	5 U	25 U		14.2	2.5 U	2.5 U	721	2.5 U	2.5 U
MW-16	SH	DP	31	2001Q4	10/31/01		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.5	5 U	25 U		17.4	2.5 U	2.5 U	805	2.5 U	2.5 U
MW-16	SH	D	31	2001Q4	10/31/01		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	7.15	5 U	25 U		17.1	2.5 U	2.5 U	782	2.5 U	2.5 U
MW-16	SH		31	2002Q1	01/14/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.1	5 U	25 U		11.8	2.5 U	2.5 U	492	2.5 U	2.5 U
MW-16	SH		31	2002Q2	06/04/02		0.5 U	0.64	0.5 U	0.92	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.5	1 U	5 U		12.3	0.5 U	0.5 U	147	0.5 U	0.5 U
MW-16	SH		31	2002Q3	08/26/02		1 U	1.74	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.94	2 U	10 U		12.2	1 U	1 U	171	1 U	1 U
MW-16	SH		31	2002Q4	11/26/02		0.5 U	1.25	0.5 U	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.7	1 U	5 U		13.3	0.5 U	0.5 U	163	0.5 U	0.5 U
MW-16	SH		31	2003Q1	02/27/03		0.5 U	1.23	0.5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.63	1 U	5 U		13.8	0.5 U	0.5 U	150	0.5 U	0.5 U
MW-16	SH		31	2003Q2	05/29/03		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	8.64	2 U	10 U		14.5	1 U	1 U	192	1 U	1 U
MW-16	SH		31	2003Q3	08/28/03		0.5 U	1.94	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.83	1 U	5 U		17.3	0.5 U	0.5 U	153	0.5 U	0.5 U
MW-16	SH		31	2003Q4	11/13/03		0.5 U	0.92	0.5 U	0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.49	1 U	5 U		15.6	0.5 U	0.5 U	144	0.5 U	0.5 U
MW-16	SH		31	2004Q1	01/30/04		0.5 U	0.79	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.3	1 U	5 U		21.4	0.5 U	0.5 U	151	0.5 U	0.5 U
MW-16	SH		31	2004Q2	05/07/04		0.5 U	1.97	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.22	1 U	5 U		17.3	0.5 U	0.5 U	141	0.5 U	0.5 U
MW-16	SH		31	2004Q3	08/19/04		0.5 U	2.51	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	1 U	0.5 U	0.5 U	5 U	5.76	1 U	5 U		17.9	0.5 U	0.5 U	135	0.5 U	0.5 U
MW-16	SH		31	2004Q4	11/22/04		1 U	1.64	1 U	1.24	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	14.9	2 U	10 U		44	1 U	1 U	345	1 U	1 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-16	SH		31	2005Q1	02/17/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	7.92	2 U	10 U		22.7	1 U	1 U	218	1 U	1 U
MW-16	SH	DP	31	2005Q2	05/23/05		0.5 U	0.54	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	1 U	0.5 U	0.5 U	5 U	6.57	1 U	5 U		22.2	0.5 U	0.5 U	169	0.5 U	0.5 U
MW-16	SH	D	31	2005Q2	05/23/05		0.5 U	0.61	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.61	1 U	5 U		23.4	0.5 U	0.5 U	167	0.5 U	0.5 U
MW-16	SH	DP	31	2005Q3	08/19/05		0.5 U	2.67	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.71 UB	5 U	5.65	1 U	5 U		26.2	0.5 U	0.5 U	113	0.5 U	0.5 U
MW-16	SH	D	31	2005Q3	08/19/05		0.5 U	2.62	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.7 UB	5 U	5.85	1 U	5 U		26	0.5 U	0.5 U	111	0.5 U	0.5 U
MW-16	SH		31	2005Q4	11/18/05		0.5 U	2.07	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.57	5 U	5.55	1 U	5 U		26.1	0.5 U	0.5 U	153	0.5 U	0.5 U
MW-16	SH		31	2006Q1	03/22/06	10:29	0.5 U	3.09	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.14	1 U	5 U		12.7	0.5 U	0.5 U	46.6	0.5 U	0.5 U
MW-16	SH		31	2006Q2	06/06/06	14:35	0.5 U	2.32	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.9	1 U	5 U		32.9	0.5 U	0.5 U	169	0.5 U	0.5 U
MW-16	SH		31	2006Q3	09/05/06	14:58	0.5 U	2.15	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.56	1 U	5 U		7.24	0.5 U	0.5 U	17.6	0.5 U	0.5 U
MW-16	SH		31	2006Q4	12/06/06	10:16	0.5 U	2.14	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.52	1 U	5 U		20.8	0.5 U	0.5 U	81.4	0.5 U	0.5 U
MW-16	SH		31	2007Q1	02/06/07	16:42	0.5 U	1.72	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	1 U	0.5 U	0.5 U	5 U	0.67	1 U	5 U		9.43	0.5 U	0.5 U	25.6	0.5 U	0.5 U
MW-16	SH		31	2007Q2	05/24/07	14:05	0.5 U	1.72	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	1 U	0.5 U	0.5 U	5 U	0.98	1 U	5 U		12.8	0.5 U	0.5 U	43.8	0.5 U	0.5 U
MW-16	SH		31	2007Q3	09/13/07	10:28	0.5 U	1.64	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		6.13	0.5 U	0.5 U	12.4	0.5 U	0.5 U
MW-16	SH		31	2008Q1	02/27/08	15:28	0.5 U	1.42	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	1 U	0.5 U	0.5 U	5 U	0.71	1 U	5 U		8.16	0.5 U	0.5 U	35.2	0.5 U	0.5 U
MW-16	SH		31	2008Q3	09/23/08	15:18	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		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	8.2	0.5 U	0.5 U	27	0.5 U	
MW-16	SH		31	2009Q1	03/24/09	14:59	0.5 U	1.3	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	0.5 U	2.1	0.5 U	2 U		13	0.5 U	0.5 U	85	0.5 U	0.5 U
MW-16	SH		31	2009Q2	06/17/09	10:21	0.5 U	0.79	0.5 U	0.52	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	0.5 U	4.3	0.5 U	2 U		23	0.5 U	0.5 U	160	0.5 U	0.5 U
MW-16	SH		31	2009Q3	09/21/09	14:47	0.5 U	0.73	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	0.5 U	1.3	0.5 U	2 U		11	0.5 U	0.5 U	52	0.5 U	0.5 U
MW-16	SH		31	2009Q4	12/16/09	14:15	0.5 U	0.95	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	0.5 U	2.3	0.5 U	2 U		9.2	0.5 U	0.5 U	50	0.5 U	0.5 U
MW-16	SH		31	2010Q1	03/18/10	11:02	0.5 U	0.91	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	0.5 U	0.51	0.5 U	2 U		5.7	0.5 U	0.5 U	21	0.5 U	0.5 U
MW-16	SH		31	2010Q2	06/16/10	11:53	0.5 U	0.58	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	0.5 U	1.1	0.5 U	2 U		5.3	0.5 U	0.5 U	23	0.5 U	0.5 U
MW-16	SH		31	2010Q3	09/23/10	11:33	0.5 U	0.72	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	0.5 U	0.51	0.5 U	2 U		4.7	0.5 U	0.5 U	18	0.5 U	0.5 U
MW-16	SH		31	2010Q4	12/07/10	10:10	0.5 U	0.69	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	0.5 U	0.78	0.5 U	2 U		4.7	0.5 U	0.5 U	21	0.5 U	0.5 U
MW-16	SH		31	2011Q1	03/10/11	14:34	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	0.5 U	0.5 U	0.5 U	0.52	0.5 U	2 U		4	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-16	SH		31	2011Q3	09/12/11	11:12	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	1 U	0.5 U	0.58	5 U	0.5 U	1 U	5 U		2.33	0.5 U	0.5 U	7.87	0.5 U	0.5 U
MW-16	SH		31	2012Q1	03/13/12	12:13	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.3	0.5 U	0.5 U	8	0.5 U	0.5 U
MW-16	SH		31	2012Q3	09/06/12	11:50	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.8	0.5 U	0.5 U	3.9	0.5 U	0.5 U
MW-16	SH		31	2013Q1	03/08/13	15:40	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	1 U	0.5 U	0.62	5 U	0.5 U	1 U	5 U		1.8	0.5 U	0.5 U	4.8	0.5 U	0.5 U
MW-16	SH		31	2013Q3	09/18/13	11:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.9	0.5 U	0.5 U	6.3	0.5 U	0.5 U
MW-16	SH		31	2014Q1	03/13/14	14:40	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	3	0.5 U	0.5 U
MW-16	SH		31	2014Q3	09/11/14	15:56	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.62	0.5 U	0.5 U	4.35	1 U	0.5 U
MW-16	SH		31	2015Q1	03/12/15	10:11	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.22	0.5 U	0.5 U	2.63	1 U	0.5 U
MW-16	SH		31	2015Q3	09/03/15	14:30	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.29	0.5 U	0.5 U	3.58	1 U	0.5 U
MW-17	SH		26	2000Q4	11/21/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.29	0.5 U	0.5 U
MW-17	SH		26	2001Q3	07/18/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2001Q4	10/22/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2002Q1	01/12/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2002Q2	06/05/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2002Q4	11/19/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2004Q1	02/04/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-17	SH		26	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2005Q1	02/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2005Q4	11/22/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2006Q1	03/22/06	11:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2006Q3	09/07/06	12:47	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2007Q1	02/09/07	12:08	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2008Q1	02/29/08	10:52	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2009Q1	03/24/09	11:55	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	0.5 U	0.5 U	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
MW-17	SH		26	2009Q3	09/17/09	14:56	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	0.5 U	0.5 U	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
MW-17	SH		26	2010Q1	03/17/10	12:32	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	0.5 U	0.5 U	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
MW-17	SH		26	2011Q1	03/10/11	13:41	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	0.5 U	0.5 U	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
MW-17	SH		26	2012Q1	03/13/12	14:36	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2013Q1	03/20/13	13:36	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH	DP	26	2014Q1	03/12/14	11:50	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH	D	26	2014Q1	03/12/14	11:50	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	SH		26	2015Q1	03/02/15	12:54	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-18	SH		33	2000Q4	11/09/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.89	0.5 U	0.5 U	0.78	0.5 U	0.5 U
MW-18	SH		33	2001Q3	07/27/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.72	0.5 U	0.5 U	4.26	0.5 U	0.5 U
MW-18	SH		33	2001Q4	10/23/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.88	0.5 U	0.5 U	0.57	0.5 U	0.5 U
MW-18	SH		33	2002Q1	01/10/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.37	0.5 U	0.5 U	0.84	0.5 U	0.5 U
MW-18	SH		33	2002Q2	06/05/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.72	0.5 U	0.5 U
MW-18	SH		33	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2002Q4	11/20/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2005Q1	02/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2005Q4	11/22/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2006Q1	03/24/06	8:57	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2007Q1	02/06/07	11:41	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2008Q1	03/04/08	14:09	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2009Q1	03/30/09	12:07	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	0.5 U	0.5 U	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
MW-18	SH		33	2009Q3	09/15/09	10:36	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	0.5 U	0.5 U	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
MW-18	SH		33	2010Q1	03/22/10	10:12	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	0.5 U	0.5 U	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
MW-18	SH		33	2011Q1	03/16/11	15:38	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	0.5 U	0.5 U	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
MW-18	SH		33	2012Q1	03/12/12	14:47	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH	DP	33	2013Q1	03/08/13	14:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH	D	33	2013Q1	03/08/13	14:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2014Q1	03/12/14	14:45	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	SH		33	2015Q1	03/03/15	15:46	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-19s	SH		28	2004Q4	10/28/04		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	1 U	0.5 U	3.09 UB	5 U	0.5 U	1 U	5 U		0.98	0.5 U	0.5 U	6.23	0.5 U	0.5 U
MW-19s	SH	R	28	2004Q4	12/08/04		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	1 U	0.5 U	0.63 UB	5 U	0.5 U	1 U	5 U		0.9	0.5 U	0.5 U	6.95	0.5 U	0.5 U
MW-19s	SH	DP	28	2005Q1	02/10/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.71	0.5 U	0.5 U	4.02	0.5 U	0.5 U
MW-19s	SH	D	28	2005Q1	02/10/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.66	0.5 U	0.5 U	3.99	0.5 U	0.5 U
MW-19s	SH		28	2005Q2	05/18/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.69	0.5 U	0.5 U	3.57	0.5 U	0.5 U
MW-19s	SH		28	2005Q3	08/17/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.18	0.5 U	0.5 U
MW-19s	SH		28	2005Q4	11/16/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.92	0.5 U	0.5 U
MW-19s	SH		28	2006Q1	03/23/06	9:38	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-19s	SH		28	2006Q2	06/02/06	11:42	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-19s	SH		28	2007Q1	02/05/07	14:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-19s	SH		28	2008Q1	03/05/08	14:27	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-19s	SH		28	2008Q3	09/23/08	16:40	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	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-19s	SH		28	2009Q1	03/23/09	14:08	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	0.5 U	0.5 U	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
MW-19s	SH		28	2009Q3	09/16/09	12:37	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	0.5 U	0.5 U	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
MW-19s	SH		28	2010Q1	03/16/10	11:23	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	0.5 U	2	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
MW-19s	SH		28	2011Q1	03/15/11	11:37	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	0.5 U	0.5 U	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
MW-19s	SH		28	2012Q1	03/12/12	10:57	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-19s	SH		28	2013Q1	03/18/13	9:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-19s	SH		28	2014Q1	03/14/14	11:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-19s	SH		28	2015Q1	03/16/15	14:35	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-20	SH		52	2000Q4	11/13/00		0.5 U	4.16	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	1 U	0.5 U	0.5 U	5 U	1.3	1 U	5 U		8.61	0.5 U	0.5 U	69.5	0.5 U	0.5 U
MW-20	SH		52	2001Q3	07/23/01		0.5 U	4.03	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	1 U	0.5 U	0.5 U	5 U	1.57	1 U	5 U		8.73	0.5 U	0.5 U	70.5	0.5 U	0.5 U
MW-20	SH		52	2001Q4	10/30/01		0.5 U	9.8	0.5 U	0.5 U	1.49	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.35	1 U	5 U		16.4	0.5 U	0.5 U	165	0.5 U	0.5 U
MW-20	SH		52	2002Q1	01/14/02		1 U	17	1 U	1 U	2.1	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	4.9	2 U	10 U		25.1	1 U	1 U	288	1 U	1 U
MW-20	SH		52	2002Q2	06/03/02		2.5 U	18.2	2.5 U	2.5 U	2.75	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	4.35	5 U	25 U		37.3	2.5 U	2.5 U	402	2.5 U	2.5 U
MW-20	SH		52	2002Q3	08/21/02		1 U	13.1	1 U	1 U	1.88	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	3.82	2 U	10 U		22.1	1 U	1 U	257	1 U	1 U
MW-20	SH		52	2002Q4	11/21/02		1 U	16.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	3.52	2 U	10 U		26.1	1 U	1 U	367	1 U	1 U
MW-20	SH		52	2003Q1	02/27/03		1 U	15.5	1 U	1 U	1.92	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	3.18	2 U	10 U		31.2	1 U	1 U	339	1 U	1 U
MW-20	SH		52	2003Q2	05/29/03		2.5 U	23.4	2.5 U	2.5 U	3.1	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	5.1	5 U	25 U		51	2.5 U	2.5 U	560	2.5 U	2.5 U
MW-20	SH		52	2003Q3	08/26/03		1 U	11.4	1 U	1 U	1.36	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	2.48	2 U	10 U		27.5	1 U	1 U	325	1 U	1 U
MW-20	SH		52	2003Q4	11/14/03		1 U	8.56	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	2.1	2 U	10 U		22.4	1 U	1 U	277	1 U	1 U
MW-20	SH		52	2004Q1	01/30/04		2.5 U	18.4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	4.35	5 U	25 U		51.4	2.5 U	2.5 U	456	2.5 U	2.5 U
MW-20	SH		52	2004Q2	05/07/04		2.5 U	14.3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	4	5 U	25 U		38.6	2.5 U	2.5 U	370	2.5 U	2.5 U
MW-20	SH		52	2004Q3	08/25/04		0.5 U	8.6	0.5 U	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.23	1 U	5 U		22.7	0.5 U	0.5 U	188	0.5 U	0.5 U
MW-20	SH		52	2004Q4	11/22/04		1 U	11.2	1 U	1 U	1.54	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	3.74	2 U	10 U		39.8	1 U	1 U	326	1 U	1 U
MW-20	SH		52	2005Q1	02/18/05		0.5 U	6.28	0.5 U	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.93	1 U	5 U		22	0.5 U	0.5 U	180	0.5 U	0.5 U
MW-20	SH		52	2005Q2	05/20/05		1 U	14.5	1 U	1 U	2.88	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.56	2 U	10 U		46.2	1 U	1 U	358	1 U	1 U
MW-20	SH		52	2005Q3	08/19/05		0.5 U	5.56	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	1 U	0.5 U	0.5 U	5 U	3.69	1 U	5 U		28.1	0.5 U	0.5 U	149	0.5 U	0.5 U
MW-20	SH		52	2005Q4	11/18/05		0.5 U	4.82	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.66	1 U	5 U		11.6	0.5 U	0.5 U	29.8	0.5 U	0.5 U
MW-20	SH		52	2006Q1	03/21/06	16:42	0.5 U	2.5	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		7.17	0.5 U	0.5 U	30.1	0.5 U	0.5 U
MW-20	SH		52	2006Q2	06/01/06	10:35	0.5 U	2.67	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		5.55	0.5 U	0.5 U	10.8	0.5 U	0.5 U
MW-20	SH		52	2006Q3	09/05/06	12:58	0.5 U	1.31	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.41	0.5 U	0.5 U	18.6	0.5 U	0.5 U
MW-20	SH		52	2006Q4	12/06/06	10:54	0.5 U	1.81	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.28	0.5 U	0.5 U	8.21	0.5 U	0.5 U
MW-20	SH		52	2007Q1	02/06/07	14:04	0.5 U	1.21	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.14	0.5 U	0.5 U	10.6	0.5 U	0.5 U
MW-20	SH		52	2007Q3	09/12/07	12:15	0.5 U	1.24 J	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.4 J	0.5 U	0.5 U	10.5 J	0.5 U	0.5 U
MW-20	SH	DP	52	2008Q1	02/26/08	12:40	0.5 U	0.88	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.18	0.5 U	0.5 U	7.53	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-20	SH	D	52	2008Q1	02/26/08	12:40	0.5 U	0.85	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.81	0.5 U	0.5 U	7.03	0.5 U	0.5 U
MW-20	SH		52	2008Q3	09/16/08	13:52	0.5 U	0.91	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	0.5 U	0.5 U	2 U	2 U	3.6	0.5 U	0.5 U	6.8	0.5 U	
MW-20	SH		52	2009Q1	03/31/09	10:30	0.5 U	1.7	0.5 U	0.51	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	0.5 U	2 U		4.1	0.5 U	0.5 U	4.7	0.5 U	0.5 U
MW-20	SH		52	2009Q2	06/16/09	15:05	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.5	0.5 U	0.5 U	6.4	0.5 U	0.5 U
MW-20	SH		52	2009Q3	09/15/09	15:11	0.5 U	0.57	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	0.5 U	0.5 U	0.5 U	2 U		3.2	0.5 U	0.5 U	6.8	0.5 U	0.5 U
MW-20	SH		52	2009Q4	12/16/09	10:50	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		4.6	0.5 U	0.5 U	2.9	0.5 U	0.5 U
MW-20	SH	DP	52	2010Q1	03/17/10	15:53	0.5 U	0.89	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	0.5 U	0.5 U	0.5 U	2 U		3.4	0.5 U	0.5 U	5.6	0.5 U	0.5 U
MW-20	SH	D	52	2010Q1	03/17/10	15:53	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.5	0.5 U	0.5 U	5.5	0.5 U	0.5 U
MW-20	SH		52	2010Q2	06/14/10	18:04	0.5 U	0.95	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	0.5 U	0.5 U	0.5 U	2 U		3.7	0.5 U	0.5 U	1.7	0.5 U	0.5 U
MW-20	SH		52	2010Q3	09/23/10	12:26	0.5 U	0.57	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	0.5 U	0.5 U	0.5 U	2 U		2.8	0.5 U	0.5 U	5.5	0.5 U	0.5 U
MW-20	SH		52	2010Q4	12/07/10	15:48	0.5 U	0.55	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	0.5 U	0.5 U	0.5 U	2 U		2.6	0.5 U	0.5 U	5.1	0.5 U	0.5 U
MW-20	SH		52	2011Q1	03/17/11	15:43	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.5	0.5 U	0.5 U	5.6	0.5 U	0.5 U
MW-20	SH		52	2011Q2	06/08/11	14:37	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.9	0.5 U	0.5 U	5.3	0.5 U	0.5 U
MW-20	SH		52	2011Q3	09/12/11	16:57	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.36	0.5 U	0.5 U	3.97	0.5 U	0.5 U
MW-20	SH		52	2011Q4	12/07/11	16:42	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.34	0.5 U	0.5 U	2.94	0.5 U	0.5 U
MW-20	SH		52	2012Q1	03/27/12	12:36	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	1.9	0.5 U	0.5 U
MW-20	SH		52	2012Q2	06/21/12	11:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.4	0.5 U	0.5 U	2	0.5 U	0.5 U
MW-20	SH		52	2012Q3	09/05/12	9:55	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.2	0.5 U	0.5 U	3.3	0.5 U	0.5 U
MW-20	SH		52	2013Q1	03/07/13	14:08	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	2.1	0.5 U	0.5 U
MW-20	SH		52	2013Q3	09/12/13	11:23	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1	0.5 U	0.5 U	1.5	0.5 U	0.5 U
MW-20	SH		52	2014Q1	03/20/14	14:25	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	0.2 U	0.5 U	1 U	0.5 U	0.59	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	1.1	0.5 U	0.5 U
MW-20	SH		52	2014Q3	09/11/14	12:37	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.83	0.5 U	0.5 U	1.12	1 U	0.5 U
MW-20	SH		52	2015Q1	03/16/15	15:43	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	0.25 U	0.5 U	1 U	0.5 U	0.67 J	5 U	0.5 U	1 U	5 U		0.88	0.5 U	0.5 U	1.17	1 U	0.5 U
MW-21	SH		37	2000Q4	11/15/00		0.5 U	2.58	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	1 U	0.5 U	0.52	5 U	1.72	1 U	5 U		6.31	0.5 U	0.5 U	92.7	0.5 U	0.5 U
MW-21	SH		37	2001Q3	07/23/01		0.5 U	1.37	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	1 U	0.5 U	0.56	5 U	0.93	1 U	5 U		4.33	0.5 U	0.5 U	53.5	0.5 U	0.5 U
MW-21	SH		37	2001Q4	10/31/01		0.5 U	1.65	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	1 U	0.5 U	0.51	5 U	0.5 U	1 U	5 U		5	0.5 U	0.5 U	73.9	0.5 U	0.5 U
MW-21	SH		37	2002Q1	01/24/02	9:20	1 U	1.14	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.28	2 U	10 U		7.66	1 U	1 U	206	1 U	1 U
MW-21	SH		37	2002Q2	06/03/02		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.54	2 U	10 U		7.72	1 U	1 U	217	1 U	1 U
MW-21	SH		37	2002Q3	08/26/02		1 U	1.48	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	4.66	2 U	10 U		9.58	1 U	1 U	277	1 U	1 U
MW-21	SH		37	2002Q4	11/26/02		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	3.82	2 U	10 U		7.04	1 U	1 U	194	1 U	1 U
MW-21	SH		37	2003Q1	02/27/03		1 U	1.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	4.42	2 U	10 U		9.48	1 U	1 U	252	1 U	1 U
MW-21	SH		37	2003Q2	05/29/03		0.5 U	0.87	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	1 U	0.5 U	0.5 U	5 U	3.88	1 U	5 U		4.39	0.5 U	0.5 U	105	0.5 U	0.5 U
MW-21	SH		37	2003Q3	08/28/03		0.5 U	1.48	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	1 U	0.5 U	0.5 U	5 U	3.15	1 U	5 U		8.26	0.5 U	0.5 U	166	0.5 U	0.5 U
MW-21	SH		37	2003Q4	11/13/03		0.5 U	0.89	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	1 U	0.5 U	0.5 U	5 U	2.39	1 U	5 U		4.53	0.5 U	0.5 U	95.3	0.5 U	0.5 U
MW-21	SH		37	2004Q1	01/29/04		0.5 U	0.99	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	1 U	0.5 U	0.5 U	5 U	3.17	1 U	5 U		6.23	0.5 U	0.5 U	97.5	0.5 U	0.5 U
MW-21	SH		37	2004Q2	05/07/04		0.5 U	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	1 U	0.5 U	0.5 U	5 U	2.98	1 U	5 U		5.81	0.5 U	0.5 U	94.1	0.5 U	0.5 U
MW-21	SH		37	2004Q3	08/19/04		0.5 U	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	1 U	0.5 U	0.5 U	5 U	2.55	1 U	5 U		6.28	0.5 U	0.5 U	99.9	0.5 U	0.5 U
MW-21	SH		37	2004Q4	11/19/04		0.5 U	1.01	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	1 U	0.5 U	0.5 U	5 U	2.43	1 U	5 U		5.86	0.5 U	0.5 U	74.5	0.5 U	0.5 U
MW-21	SH		37	2005Q1	02/17/05		0.5 U	1.51	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	1 U	0.5 U	0.5 U	5 U	2.56	1 U	5 U		7.23	0.5 U	0.5 U	99.5	0.5 U	0.5 U
MW-21	SH		37	2005Q2	05/20/05		0.5 U	0.99	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	1 U	0.5 U	0.5 U	5 U	3.29	1 U	5 U		6.41	0.5 U	0.5 U	75.6	0.5 U	0.5 U
MW-21	SH		37	2005Q3	08/19/05		0.5 U	1.16	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	1 U	0.5 U	0.5 U	5 U	2.61	1 U	5 U		6.89	0.5 U	0.5 U	75.1	0.5 U	0.5 U
MW-21	SH		37	2005Q4	11/18/05		0.5 U	0.91	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	1 U	0.5 U	0.5 U	5 U	2.87	1 U	5 U		6.75	0.5 U	0.5 U	63.4	0.5 U	0.5 U
MW-21	SH		37	2006Q1	03/21/06	15:55	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	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.36	1 U	5 U		9.41	0.5 U	0.5 U	81.8	0.5 U	0.5 U
MW-21	SH		37	2006Q2	06/01/06	11:20	0.5 U	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	1 U	0.5 U	0.5 U	5 U	2.97	1 U	5 U		9.48	0.5 U	0.5 U	69.2	0.5 U	0.5 U
MW-21	SH		37	2006Q3	09/05/06	14:10	0.5 U	0.93	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	1 U	0.5 U	0.5 U	5 U	2.69	1 U	5 U		7.66	0.5 U	0.5 U	57.5	0.5 U	0.5 U
MW-21	SH		37	2006Q4	12/06/06	12:00	0.5 U	1.11	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	1 U	0.5 U	0.5 U	5 U	2.38	1 U	5 U		9.21	0.5 U	0.5 U	63.8	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-21	SH	DP	37	2007Q1	02/06/07	14:37	0.5 U	1.46	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	1 U	0.5 U	0.5 U	5 U	2.1	1 U	5 U		10.9	0.5 U	0.5 U	68.3	0.5 U	0.5 U
MW-21	SH	D	37	2007Q1	02/06/07	14:37	0.5 U	1.48	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	1 U	0.5 U	0.5 U	5 U	2.34	1 U	5 U		11.2	0.5 U	0.5 U	70.1	0.5 U	0.5 U
MW-21	SH		37	2007Q3	09/12/07	12:48	0.5 U	1.52 J	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	1 U	0.5 U	0.5 U	5 U	1.18 J	1 U	5 U		8.58 J	0.5 U	0.5 U	51.8 J	0.5 U	0.5 U
MW-21	SH		37	2008Q1	02/25/08	15:07	0.5 U	0.85	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	1 U	0.5 U	0.5 U	5 U	0.57	1 U	5 U		4.36	0.5 U	0.5 U	23.6	0.5 U	0.5 U
MW-21	SH		37	2008Q3	09/16/08	15:44	0.5 U	0.75	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	0.5 U	0.5 U	2 U	2 U	5.5	0.5 U	0.5 U	24	0.5 U	
MW-21	SH		37	2009Q1	03/31/09	11:18	0.5 U	0.81	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	0.5 U	0.76	0.5 U	2 U		5.1	0.5 U	0.5 U	37	0.5 U	0.5 U
MW-21	SH		37	2009Q2	06/16/09	15:45	0.5 U	0.79	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	0.5 U	1.3	0.5 U	2 U		8.4	0.5 U	0.5 U	52	0.5 U	0.5 U
MW-21	SH		37	2009Q3	09/15/09	15:56	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	0.5 U	0.5 U	0.5 U	0.57	0.5 U	2 U		4.4	0.5 U	0.5 U	25	0.5 U	0.5 U
MW-21	SH		37	2009Q4	12/16/09	11:25	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3	0.5 U	0.5 U	18	0.5 U	0.5 U
MW-21	SH		37	2010Q1	03/17/10	16:33	0.5 U	0.6	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	0.5 U	1.1	0.5 U	2 U		5.5	0.5 U	0.5 U	34	0.5 U	0.5 U
MW-21	SH		37	2010Q2	06/14/10	17:25	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.9	0.5 U	0.5 U	16	0.5 U	0.5 U
MW-21	SH	DP	37	2010Q3	09/23/10	14:04	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.8	0.5 U	0.5 U	16	0.5 U	0.5 U
MW-21	SH	D	37	2010Q3	09/23/10	14:04	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.8	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-21	SH		37	2010Q4	12/07/10	16:26	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.1	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-21	SH		37	2011Q1	03/17/11	16:18	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.4	0.5 U	0.5 U	7.2	0.5 U	0.5 U
MW-21	SH		37	2011Q3	09/12/11	16:08	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	1 U	0.5 U	0.56	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	5.11	0.5 U	0.5 U
MW-21	SH		37	2012Q1	03/27/12	13:20	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	1 U	0.5 U	1	5 U	0.5 U	1 U	5 U		1	0.5 U	0.5 U	5	0.5 U	0.5 U
MW-21	SH		37	2012Q3	09/05/12	11:00	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	0.5 U	0.82	0.5 U	0.5 U	0.5 U	1 U		1.3	0.5 U	0.5 U	2.9	0.5 U	0.5 U
MW-21	SH		37	2013Q1	03/07/13	15:05	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	1 U	0.5 U	0.58	5 U	0.5 U	1 U	5 U		2.1	0.5 U	0.5 U	2.1	0.5 U	0.5 U
MW-21	SH		37	2013Q3	09/12/13	13:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	1.4	0.5 U	0.5 U
MW-21	SH		37	2014Q1	03/20/14	14:50	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	0.2 U	0.5 U	1 U	0.5 U	0.71	5 U	0.5 U	1 U	5 U		1.4	0.5 U	0.5 U	5.9	0.5 U	0.5 U
MW-21	SH		37	2014Q3	09/11/14	13:19	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.14	0.5 U	0.5 U	1.48	1 U	0.5 U
MW-21	SH		37	2015Q1	03/16/15	16:24	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.26	0.5 U	0.5 U	1.31	1 U	0.5 U
MW-22	SH		11	2000Q4	11/20/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.76	0.5 U	0.5 U	1 U	0.5 U	0.5	5 U	0.5 U	1 U	5 U		0.5 U	2.3 UB	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2000Q4	11/13/00		0.5 U	1.49	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.5 U
MW-23	SH		40	2001Q3	07/27/01		0.5 U	1.92	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	6.65	0.5 U	0.5 U
MW-23	SH		40	2001Q4	10/26/01		0.5 U	2.07	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.07	0.5 U	0.5 U
MW-23	SH		40	2002Q1	01/10/02		0.5 U	0.5	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2002Q2	06/01/02		0.5 U	1.32	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.56 UB	0.5 U	0.5 U
MW-23	SH	DP	40	2002Q3	09/05/02		0.5 U	2.26	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.2	0.5 U	0.5 U
MW-23	SH	D	40	2002Q3	09/05/02		0.5 U	2.22	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.53 UB	0.5 U	1.09	0.5 U	0.5 U
MW-23	SH		40	2002Q4	11/20/02		0.5 U	1.43	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2003Q1	02/24/03		0.5 U	0.63	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2003Q2	05/27/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2003Q3	08/25/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH	DP	40	2003Q4	11/12/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH	D	40	2003Q4	11/12/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2004Q1	01/27/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2004Q2	05/04/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2004Q3	08/16/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2004Q4	11/16/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2005Q1	02/08/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2005Q4	11/15/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2006Q1	03/21/06	10:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2007Q1	02/06/07	9:21	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2008Q1	03/04/08	10:15	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	0.5 UJ	1 UJ	5 UJ		0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-23	SH		40	2009Q1	03/30/09	11:28	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	0.5 U	0.5 U	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
MW-23	SH		40	2009Q3	09/15/09	9:50	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	0.5 U	0.5 U	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
MW-23	SH		40	2010Q1	03/22/10	11:12	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	0.5 U	0.5 U	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
MW-23	SH		40	2011Q1	03/21/11	11:01	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	0.5 U	0.5 U	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
MW-23	SH		40	2012Q1	03/15/12	12:08	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2013Q1	03/08/13	13:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2014Q1	03/12/14	13:35	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	SH		40	2015Q1	03/16/15	12:55	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-24	SH		57	2000Q4	11/13/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2001Q3	07/19/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2001Q4	10/24/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2002Q1	01/14/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2002Q2	06/05/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2002Q4	11/20/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2005Q1	02/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2005Q4	11/29/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2006Q1	03/21/06	17:11	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2007Q1	02/06/07	12:23	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2008Q1	02/25/08	17:06	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2009Q1	03/26/09	18:27	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	0.5 U	0.5 U	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
MW-24	SH		57	2009Q3	09/14/09	13:38	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	0.5 U	0.5 U	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
MW-24	SH		57	2010Q1	03/17/10	14:51	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	0.5 U	0.5 U	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
MW-24	SH		57	2011Q1	03/15/11	15:43	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	0.5 U	0.5 U	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
MW-24	SH		57	2012Q1	03/12/12	18:10	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2013Q1	03/07/13	11:18	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2014Q1	03/10/14	4:52	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	SH		57	2015Q1	03/05/15	14:34	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-25	SH		80	2000Q4	11/13/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.02	0.5 U	0.5 U
MW-25	SH		80	2001Q3	07/19/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.95	0.5 U	0.5 U
MW-25	SH		80	2001Q4	10/24/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.16	0.5 U	0.5 U
MW-25	SH		80	2002Q1	02/04/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.5 U
MW-25	SH		80	2002Q2	05/31/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.97	0.5 U	0.5 U
MW-25	SH		80	2002Q3	08/21/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.32	0.5 U	0.5 U
MW-25	SH		80	2002Q4	11/21/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.36	0.5 U	0.5 U
MW-25	SH	DP	80	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.48	0.5 U	0.5 U
MW-25	SH	D	80	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.92	0.5 U	0.5 U
MW-25	SH		80	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.57	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-25	SH		80	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.96	0.5 U	0.5 U
MW-25	SH		80	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.82	0.5 U	0.5 U
MW-25	SH		80	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.5	0.5 U	0.5 U
MW-25	SH	DP	80	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.93	0.5 U	0.5 U
MW-25	SH	D	80	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.95	0.5 U	0.5 U
MW-25	SH		80	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.27	0.5 U	0.5 U
MW-25	SH		80	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.78	0.5 U	0.5 U
MW-25	SH		80	2005Q1	02/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.05	0.5 U	0.5 U
MW-25	SH		80	2005Q4	11/22/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.66	0.5 U	0.5 U
MW-25	SH		80	2006Q1	03/21/06	17:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U
MW-25	SH		80	2007Q1	02/09/07	11:44	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.68	0.5 U	0.5 U
MW-25	SH		80	2008Q1	02/26/08	11:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.52	0.5 U	0.5 U
MW-25	SH		80	2009Q1	03/26/09	19:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.84	0.5 U	0.5 U
MW-25	SH		80	2009Q3	09/14/09	15:52	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.5 U
MW-25	SH		80	2010Q1	03/17/10	13:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.67	0.5 U	0.5 U
MW-25	SH		80	2010Q3	09/21/10	14:57	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.72	0.5 U	0.5 U
MW-25	SH		80	2011Q1	03/17/11	17:06	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.67	0.5 U	0.5 U
MW-25	SH		80	2011Q3	09/13/11	13:11	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.58	0.5 U	0.5 U
MW-25	SH		80	2012Q1	03/27/12	11:46	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25	SH		80	2012Q3	09/04/12	16:05	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	0.5 U	0.5 U	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
MW-25	SH		80	2013Q1	03/07/13	13:28	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25	SH		80	2013Q3	09/12/13	10:43	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U
MW-25	SH		80	2014Q1	03/11/14	11:10	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.85	0.5 U	0.5 U
MW-25	SH		80	2014Q3	09/17/14	12:01	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-25	SH		80	2015Q1	03/05/15	15:44	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-28s	SH		24	2004Q4	10/29/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	SH		24	2005Q1	02/08/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	SH		24	2005Q2	05/17/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	SH		24	2005Q3	08/16/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.6	0.5 U	0.5 U
MW-28s	SH		24	2005Q4	11/16/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	SH		24	2006Q1	03/20/06	17:37	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	SH		24	2006Q2	06/06/06	12:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	SH		24	2007Q1	02/08/07	12:02	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	SH		24	2008Q1	03/06/08	15:41	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2004Q4	10/28/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2005Q1	02/09/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2005Q2	05/17/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2005Q3	08/16/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2005Q4	11/15/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2006Q1	03/20/06	14:33	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2006Q2	06/02/06	15:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2007Q1	02/07/07	12:03	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2008Q1	02/29/08	16:38	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH	DP	28	2009Q1	03/26/09	16:15	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	0.5 U	0.5 U	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
MW-32s	SH	D	28	2009Q1	03/26/09	16:15	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	0.5 U	0.5 U	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
MW-32s	SH		28	2009Q2	06/15/09	12:50	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	0.5 U	0.5 U	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

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-32s	SH		28	2009Q3	09/18/09	10:37	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	0.5 U	0.5 U	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
MW-32s	SH		28	2009Q4	12/14/09	16:15	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	0.5 U	0.5 U	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
MW-32s	SH		28	2010Q1	03/16/10	17:16	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	0.5 U	0.5 U	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
MW-32s	SH		28	2011Q1	03/10/11	11:17	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	0.5 U	0.5 U	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
MW-32s	SH		28	2011Q3	09/14/11	16:18	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.61	0.5 U	0.5 U
MW-32s	SH		28	2011Q4	12/06/11	12:27	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2012Q1	03/08/12	12:42	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2012Q3	09/10/12	14:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2013Q1	03/11/13	12:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2013Q3	09/17/13	11:25	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2014Q1	03/17/14	15:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	SH		28	2014Q3	09/12/14	13:04	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-32s	SH		28	2015Q1	03/02/15	14:30	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-33s	SH	DP	26	2004Q4	10/28/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH	D	26	2004Q4	10/28/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2005Q1	02/09/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2005Q2	05/17/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2005Q3	08/16/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2005Q4	11/15/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2006Q1	03/20/06	11:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2006Q2	06/01/06	15:45	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	1 U	0.5 U	0.5 U	5 U	0.69	1 U	5 U		0.5	0.5 U	0.5 U	0.65	0.5 U	0.5 U
MW-33s	SH		26	2006Q3	09/06/06	12:28	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2007Q1	02/07/07	8:44	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2008Q1	02/28/08	14:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2009Q1	03/23/09	12:19	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	0.5 U	0.5 U	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
MW-33s	SH		26	2009Q2	06/16/09	9:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH	DP	26	2009Q3	09/18/09	17:14	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	0.5 U	0.5 U	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
MW-33s	SH	D	26	2009Q3	09/18/09	17:14	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	0.5 U	0.5 U	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
MW-33s	SH		26	2010Q1	03/15/10	13:59	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	0.5 U	0.5 U	0.5 U	0.5 U	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
MW-33s	SH		26	2010Q3	09/21/10	13:31	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	0.5 U	0.5 U	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
MW-33s	SH		26	2011Q1	03/10/11	10:05	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	0.5 U	0.5 U	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
MW-33s	SH		26	2011Q3	09/14/11	13:37	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2012Q1	03/08/12	17:44	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.6 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2012Q3	09/11/12	13:16	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2013Q1	03/15/13	15:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2013Q3	09/11/13	14:25	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2014Q1	03/10/14	12:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	SH		26	2014Q3	09/09/14	16:17	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	0.25 U	2.62	1 U	0.5 U	6.04	5 U	0.5 U	1.26	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-33s	SH		26	2015Q1	03/02/15	10:32	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	0.25 U	1.44	1 U	0.5 U	3.86	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-35s	SH		27.5	2004Q4	10/28/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	SH		27.5	2005Q1	02/08/05		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	1.5	1 U	0.5 U	5.26 UB	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	SH		27.5	2005Q2	05/17/05		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	1.54	1 U	0.5 U	3.16 UB	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	SH		27.5	2005Q3	08/16/05		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	3.64	1 U	0.5 U	4.84 UB	5 U	0.5 U	2.13	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	SH		27.5	2005Q4	11/15/05		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	1 U	0.5 U	1.23	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	SH		27.5	2006Q1	03/21/06	10:10	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	1.28	1 U	0.5 U	3.82	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	SH		27.5	2006Q2	06/01/06	14:20	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	1 U	0.5 U	1.49	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-35s	SH		27.5	2007Q1	02/06/07	10:41	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	SH		27.5	2008Q1	03/06/08	15:01	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	SH		29	2004Q4	10/29/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	SH		29	2005Q1	02/08/05		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	1 U	0.5 U	0.66 UB	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.61	0.5 U	0.5 U
MW-36s	SH		29	2005Q2	05/17/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.15	0.5 U	0.5 U
MW-36s	SH		29	2005Q3	08/17/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	SH		29	2005Q4	11/15/05		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	1 U	0.5 U	1.5	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U
MW-36s	SH		29	2006Q1	03/21/06	14:08	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	SH		29	2006Q2	06/01/06	12:05	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	1 U	0.5 U	0.5 U	5 U	1.04	1 U	5 U		1.41	0.5 U	0.5 U	6.27	0.5 U	0.5 U
MW-36s	SH		29	2006Q3	09/05/06	11:27	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	SH		29	2007Q1	02/08/07	11:21	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	SH		29	2008Q1	02/29/08	14:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	SH		29	2009Q1	03/30/09	17:19	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	0.5 U	0.5 U	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
MW-36s	SH		29	2009Q3	09/15/09	17:07	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	0.5 U	0.5 U	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
MW-36s	SH		29	2010Q1	03/18/10	15:19	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	0.5 U	0.5 U	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
MW-36s	SH		29	2011Q1	03/16/11	13:00	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	0.5 U	0.5 U	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
MW-36s	SH		29	2012Q1	03/28/12	11:37	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	SH		29	2013Q1	03/07/13	16:18	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	SH		29	2014Q1	03/19/14	15:55	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	SH		29	2015Q1	03/17/15	13:15	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-37s	SH		29	2004Q4	10/29/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	SH		29	2005Q1	02/08/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	SH		29	2005Q2	05/17/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	SH		29	2005Q3	08/16/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	SH		29	2005Q4	11/15/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	SH		29	2006Q1	03/20/06	12:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	SH		29	2006Q2	06/02/06	10:10	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	SH		29	2007Q1	02/05/07	16:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	SH		29	2008Q1	02/28/08	11:57	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	SH		28	2004Q4	10/28/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	SH		28	2005Q1	02/08/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	SH		28	2005Q2	05/17/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	SH		28	2005Q3	08/16/05		0.5 U	0.5	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	SH		28	2005Q4	11/15/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	SH		28	2006Q1	03/20/06	13:27	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	SH		28	2006Q2	06/02/06	9:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	SH		28	2007Q1	02/05/07	13:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	SH		28	2008Q1	03/06/08	12:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-E	SH		29	2004Q3	08/19/04		0.5 U	2.51	0.5 U	6.25	3.02	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	64	1 U	5 U		48.2	0.5 U	0.5 U	132	0.5 U	0.5 U
MW-E	SH		29	2004Q4	11/19/04		0.5 U	1.79	0.5 U	5.3	2.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	59.9	1 U	5 U		46.5	0.5 U	0.5 U	116	0.5 U	0.5 U
MW-E	SH		29	2005Q1	02/17/05		0.5 U	1.69	0.5 U	4.48	2.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	55.4	1 U	5 U		49.7	0.5 U	0.5 U	117	0.5 U	0.5 U
MW-E	SH		29	2005Q2	05/20/05		0.5 U	2.41	0.5 U	5.56	4.32	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	63	1 U	5 U		60.3	0.5 U	0.5 U	133	0.5 U	0.5 U
MW-E	SH		29	2005Q3	08/19/05		0.5 U	1.5	0.5 U	4.63	2.86	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	54.8	1 U	5 U		49	0.5 U	0.5 U	104	0.5 U	0.5 U
MW-E	SH		29	2005Q4	11/18/05		0.5 U	1.98	0.5 U	4.94	2.83	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	60.7	1 U	5 U		52.3	0.5 U	1.16	117	0.5 U	0.5 U
MW-E	SH		29	2006Q1	03/24/06	13:28	0.5 U	1.5	0.5 U	3.97	2.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	56.2	1 U	5 U		53.8	0.5 U	0.5 U	116	0.5 U	0.5 U
MW-E	SH		29	2006Q2	06/02/06	16:55	0.5 U	2.03	0.5 U	5.2	3.41	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	62.1	1 U	5 U		63	0.5 U	0.5 U	125	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-E	SH		29	2006Q3	09/06/06	15:05	0.5 U	1.28	0.5 U	4.36	2.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	52.9	1 U	5 U		46.9	0.5 U	0.5 U	99	0.5 U	0.5 U
MW-E	SH	DP	29	2007Q1	02/07/07	16:46	0.5 U	1.1	0.5 U	4.4	2.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	57.6	1 U	5 U		53.4	0.5 U	0.5 U	113	0.5 U	0.5 U
MW-E	SH	D	29	2007Q1	02/07/07	16:45	0.5 U	1.17	0.5 U	4.3	2.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	56.5	1 U	5 U		52.4	0.5 U	0.5 U	111	0.5 U	0.5 U
MW-E	SH	DP	29	2007Q3	09/11/07	14:08	0.5 U	1.47	0.5 U	4.66	2.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	58.4	1 U	5 U		63	0.5 U	0.5 U	119	0.5 U	0.5 U
MW-E	SH	D	29	2007Q3	09/11/07	14:08	1 U	1.36 J	1 U	4.18 J	2.36 J	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	51.3 J	2 U	10 U		54.2 J	1 U	1 U	105 J	1 U	1 U
MW-E	SH		29	2008Q1	03/04/08	17:05	0.5 U	1.25	0.5 U	4.29	2.86	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	79.9	1 U	5 U		47.4	0.5 U	0.5 U	97.4	0.5 U	0.5 U
MW-E	SH		29	2008Q3	09/17/08	11:55	0.5 U	1.1	0.5 U	4.6	3	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	57	0.5 U	2 U		66	0.5 U	0.5 U	100	0.5 U	0.5 U
MW-E	SH		29	2009Q1	03/25/09	17:43	0.5 U	1.5	0.5 U	4.9	3.7	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	62	0.5 U	2 U		72	0.5 U	0.5 U	120	0.5 U	0.5 U
MW-E	SH		29	2009Q2	06/15/09	15:16	0.5 U	1.3	0.5 U	5.2	3.4	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	56	0.5 U	2 U		50	0.5 U	0.5 U	110	0.5 U	0.5 U
MW-E	SH		29	2009Q3	09/18/09	12:06	0.5 U	1	0.5 U	4.3	2.4	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	44	0.5 U	2 U		66	0.5 U	0.5 U	97	0.5 U	0.5 U
MW-E	SH		29	2009Q4	12/14/09	14:03	0.5 U	1.1	0.5 U	4.6	3.9	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	58	0.5 U	2 U		63	0.5 U	0.5 U	100	0.5 U	0.5 U
MW-E	SH		29	2010Q1	03/17/10	10:17	0.5 U	0.95	0.5 U	4.4	3.3	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	78	0.5 U	2 U		48	0.5 U	0.5 U	90	0.5 U	0.5 U
MW-E	SH		29	2010Q2	06/14/10	12:23	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	0.5 U	0.5 U	0.5 U	3.1	0.5 U	2 U		7.5	0.5 U	0.5 U	9	0.5 U	0.5 U
MW-E	SH		29	2010Q3	09/22/10	12:58	0.5 U	0.53	0.5 U	2.4	1.3	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	46	0.5 U	2 U		38	0.5 U	0.5 U	52	0.5 U	0.5 U
MW-E	SH		29	2010Q4	12/06/10	14:15	0.5 U	0.62	0.5 U	2.7	1.9	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	48	0.5 U	2 U		48	0.5 U	0.5 U	65	0.5 U	0.5 U
MW-E	SH		29	2011Q1	03/22/11	13:53	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	0.5 U	0.5 U	0.5 U	1.1	0.5 U	2 U		2.3	0.5 U	0.5 U	2.2	0.5 U	0.5 U
MW-E	SH		29	2011Q2	06/07/11	11:05	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	0.5 U	0.5 U	0.5 U	0.92	0.5 U	2 U		1.9	0.5 U	0.5 U	2.3	0.5 U	0.5 U
MW-E	SH		29	2011Q3	09/13/11	14:17	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	1 U	0.5 U	0.5 U	5 U	8.98	1 U	5 U		7.48	0.5 U	0.5 U	12.1	0.5 U	0.5 U
MW-E	SH		29	2011Q4	12/06/11	14:24	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	1 U	0.5 U	0.5 U	5 U	10.6	1 U	5 U		5.07	0.5 U	0.5 U	9.55	0.5 U	0.5 U
MW-E	SH	DP	29	2012Q1	03/08/12	14:26	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	1 U	0.5 U	0.5 U	5 U	16	1 U	5 U		1.2	0.5 U	0.5 U	8.3	0.5 U	2.5
MW-E	SH	D	29	2012Q1	03/08/12	14:26	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	1 U	0.5 U	0.5 U	5 U	18	1 U	5 U		1.3	0.5 U	0.5 U	8.1	0.5 U	2.8
MW-E	SH		29	2012Q2	06/19/12	10:35	0.5 U	0.5 U	0.5 U	1.3	0.65 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	25	1 U	5 U		0.9 J	0.5 U	0.5 U	16	0.5 U	0.91 J
MW-E	SH		29	2012Q3	09/10/12	11:35	0.5 U	0.5 U	0.5 U	0.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	14	1 U	5 U		2.2	0.5 U	0.5 U	11	0.5 U	0.5 U
MW-E	SH		29	2013Q1	03/11/13	10:07	0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11	1 U	5 U		4.6	0.5 U	0.5 U	18	0.5 U	0.5 U
MW-E	SH		29	2013Q3	09/16/13	14:15	0.5 U	0.5 U	0.5 U	1.9	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	33	1 U	5 U		25	0.5 U	0.5 U	47	0.5 U	0.5 U
MW-E	SH		29	2014Q1	03/19/14	10:25	0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	20	1 U	5 U		2.8	0.5 U	0.5 U	11	0.5 U	0.5 U
MW-E	SH		29	2014Q3	09/09/14	11:01	0.5 U	0.5 U	0.5 U	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	22.07	1 U	5 U		9.38	0.5 U	0.5 U	23.13	1 U	0.5 U
MW-E	SH		29	2014Q4	12/11/14	14:01	0.5 U	0.5 U	0.5 U	1.17	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	33.56	1 U	5 U		14.51	0.5 U	0.5 U	23.03	1 U	0.5 U
MW-E	SH		29	2015Q1	03/02/15	16:50	0.5 U	0.5 U	0.5 U	1.13	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	20.53	1 U	5 U		16.26	0.5 U	0.5 U	25	1 U	0.5 U
MW-E	SH		29	2015Q3	09/03/15	11:55	0.5 U	0.5 U	0.5 U	1.14	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	32.67	1 U	5 U		10.06	0.5 U	0.5 U	20.53	1 U	0.5 U
MW-F	SH		32	2004Q3	08/17/04		0.5 U	0.5 U	0.5 U	0.99	0.5 U	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.3	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2004Q4	11/16/04		0.5 U	0.5 U	0.5 U	0.86	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.14	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2005Q1	02/09/05		0.5 U	0.5 U	0.5 U	0.85	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.14	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2005Q2	05/17/05		0.5 U	0.5 U	0.5 U	1.04	0.5 U	0.5 U	1.03	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	14.8	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2005Q3	08/16/05		0.5 U	0.5 U	0.5 U	0.84	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.68	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2005Q4	11/16/05		0.5 U	0.5 U	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.18	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2006Q1	03/20/06	15:12	0.5 U	0.5 U	0.5 U	0.94	0.5 U	0.5 U	0.84	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.4	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2006Q2	06/02/06	13:13	0.5 U	0.5 U	0.5 U	1.49	0.5 U	0.5 U	2.06	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	24.7	1 U	5 U		0.5 U	0.5 U	0.5 U	0.77	0.5 U	0.5 U
MW-F	SH		32	2006Q3	09/06/06	13:07	0.5 U	0.5 U	0.5 U	0.74	0.5 U	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.4	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2007Q1	02/07/07	9:57	0.5 U	0.5 U	0.5 U	0.82	0.5 U	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.2	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2008Q1	03/03/08	12:14	0.5 U	0.5 U	0.5 U	0.81	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.49	1 U	5 U		0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.5 U
MW-F	SH		32	2009Q1	03/25/09	16:12	0.5 U	0.5 U	0.5 U	0.93	0.5 U	0.5 U	0.75	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	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.59	0.5 U	0.5 U
MW-F	SH		32	2009Q2	06/16/09	10:48	0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.89	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.84	0.5 U	0.5 U
MW-F	SH		32	2009Q3	09/16/09	16:26	0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.3	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2009Q4	12/18/09	10:08	0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.9	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.57	0.5 U	0.5 U
MW-F	SH		32	2010Q1	03/16/10	15:55	0.5 U	0.5 U	0.5 U	0.69	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	6.3	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-F	SH		32	2010Q3	09/22/10	11:54	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	0.5 U	0.5 U	0.5 U	4.2	0.5 U	2 U		0.5	0.5 U	0.5 U	0.52	0.5 U	0.5 U
MW-F	SH		32	2011Q1	03/22/11	12:02	0.5 U	0.5 U	0.5 U	0.51	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	4.9	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U
MW-F	SH		32	2011Q3	09/13/11	14:55	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	1 U	0.5 U	0.5 U	5 U	2.3	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2012Q1	03/08/12	15:04	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	1 U	0.5 U	0.5 U	5 U	2.6	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2012Q3	09/10/12	15:50	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	1 U	0.5 U	0.5 U	5 U	1.5	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2013Q1	03/15/13	14:35	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	1 U	0.5 U	0.5 U	5 U	1.3	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2013Q3	09/16/13	15:56	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.1	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2014Q1	03/17/14	14:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.7	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	SH		32	2014Q3	09/09/14	11:59	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.68	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-F	SH		32	2015Q1	03/03/15	14:55	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-G	SH		32	2004Q3	08/17/04		0.5 U	0.5 U	0.5 U	2.09	0.5 U	0.5 U	2.74	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	32.2	1 U	5 U		1.18	0.5 U	0.56	2.94	0.5 U	0.5 U
MW-G	SH		32	2004Q4	11/16/04		0.5 U	0.5 U	0.5 U	1.66	0.5 U	0.5 U	2.43	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	28.7	1 U	5 U		1.19	0.5 U	0.5 U	2.61	0.5 U	0.5 U
MW-G	SH		32	2005Q1	02/09/05		0.5 U	0.5 U	0.5 U	1.61	0.5 U	0.5 U	2.06	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	26.6	1 U	5 U		0.99	0.5 U	0.5 U	2.45	0.5 U	0.5 U
MW-G	SH		32	2005Q2	05/18/05		0.5 U	0.5 U	0.5 U	1.94	0.5 U	0.5 U	2	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	32.8	1 U	5 U		1.35	0.5 U	0.5 U	2.64	0.5 U	0.5 U
MW-G	SH		32	2005Q3	08/17/05		0.5 U	0.5 U	0.5 U	1.98	0.5 U	0.5 U	2.18	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	31.5	1 U	5 U		1.26	0.5 U	0.5 U	3.05	0.5 U	0.5 U
MW-G	SH		32	2005Q4	11/16/05		0.5 U	0.5 U	0.5 U	1.88	0.5 U	0.5 U	1.98	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	29.4	1 U	5 U		1.3	0.5 U	0.5 U	2.76	0.5 U	0.5 U
MW-G	SH		32	2006Q1	03/20/06	15:56	0.5 U	0.5 U	0.5 U	2.03	0.5 U	0.5 U	2.08	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	32	1 U	5 U		1.39	0.5 U	0.5 U	3.04	0.5 U	0.5 U
MW-G	SH		32	2006Q2	06/02/06	13:42	0.5 U	0.5 U	0.5 U	2.15	0.5 U	0.5 U	1.59	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	29.2	1 U	5 U		1.99	0.5 U	0.5 U	3.63	0.5 U	0.5 U
MW-G	SH		32	2006Q3	09/07/06	13:47	0.5 U	0.5 U	0.5 U	1.9	0.5 U	0.5 U	1.74	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	30	1 U	5 U		1.8	0.5 U	0.5 U	3.4	0.5 U	0.5 U
MW-G	SH		32	2007Q1	02/07/07	10:24	0.5 U	0.5 U	0.5 U	1.85	0.5 U	0.5 U	1.29	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	27.4	1 U	5 U		2.17	0.5 U	0.5 U	3.78	0.5 U	0.5 U
MW-G	SH		32	2008Q1	03/05/08	16:16	0.5 U	0.5 U	0.5 U	2.01	0.5 U	0.5 U	1.23	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	25.2	1 U	5 U		2.28	0.5 U	0.5 U	3.81	0.5 U	0.5 U
MW-G	SH		32	2008Q3	09/18/08	18:10	0.5 U	0.5 U	0.5 U	1.8	0.5 U	0.5 U	0.97	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	23	0.5 U	2 U		2.5	0.5 U	0.5 U	4	0.5 U	0.5 U
MW-G	SH		32	2009Q1	03/25/09	15:08	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	0.5 U	0.5 U	0.5 U	0.56	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-G	SH		32	2009Q2	06/16/09	11:44	0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13	0.5 U	2 U		0.89	0.5 U	0.5 U	1.7	0.5 U	0.5 U
MW-G	SH	DP	32	2009Q3	09/16/09	15:26	0.5 U	0.5 U	0.5 U	0.89	0.5 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	11	0.5 U	2 U		1	0.5 U	0.5 U	1.9	0.5 U	0.5 U
MW-G	SH	D	32	2009Q3	09/16/09	15:26	0.5 U	0.5 U	0.5 U	0.92	0.5 U	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11	0.5 U	2 U		1	0.5 U	0.5 U	2	0.5 U	0.5 U
MW-G	SH		32	2010Q1	03/16/10	15:08	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	0.5 U	0.5 U	0.5 U	1.7	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-G	SH		32	2010Q2	06/14/10	14:45	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	0.5 U	0.5 U	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
MW-G	SH		32	2010Q3	09/22/10	11:17	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	0.5 U	0.5 U	0.5 U	1.4	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-G	SH		32	2010Q4	12/06/10	15:01	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	0.5 U	0.5 U	0.5 U	3	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.58	0.5 U	0.5 U
MW-G	SH		32	2011Q1	03/22/11	15:22	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	0.5 U	0.5 U	0.5 U	1.2	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-G	SH		32	2011Q3	09/13/11	15:41	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	1 U	0.5 U	0.5 U	5 U	3.03	1 U	5 U		0.5 U	0.5 U	0.5 U	0.75	0.5 U	0.5 U
MW-G	SH		32	2012Q1	03/08/12	15:45	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	1 U	0.5 U	0.5 U	5 U	4.6	1 U	5 U		0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U
MW-G	SH		32	2012Q3	09/11/12	10:04	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	1 U	0.5 U	0.5 U	5 U	3.9	1 U	5 U		0.5 U	0.5 U	0.5 U	1.2	0.5 U	0.5 U
MW-G	SH		32	2013Q1	03/15/13	13:55	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	1 U	0.5 U	0.5 U	5 U	2.9	1 U	5 U		0.5 U	0.5 U	0.5 U	1.5	0.5 U	0.5 U
MW-G	SH		32	2013Q3	09/17/13	11:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.3	1 U	5 U		0.5 U	0.5 U	0.5 U	0.91	0.5 U	0.5 U
MW-G	SH		32	2014Q1	03/17/14	13:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.1	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-G	SH		32	2014Q3	09/09/14	13:39	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.2	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-G	SH		32	2015Q1	03/03/15	14:15	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.88	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
VMW-08	SH		20	2002Q1	01/22/02		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	3.86	4.38	10 U	36	2 U	10 U		289	1 U	1 U	25200	1 U	1 U
VMW-08	SH		20	2002Q1	02/12/02		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		150	50 U	50 U	13500	50 U	50 U
VMW-08	SH		20	2002Q1	03/13/02		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		60	25 U	25 U	4700	25 U	25 U
VMW-08	SH		20	2002Q2	05/10/02		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		50.5	25 U	25 U	4820	25 U	25 U
VMW-08	SH		20	2002Q3	08/15/02		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		76	25 U	25 U	6780	25 U	25 U
VMW-08	SH		20	2002Q4	11/13/02		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		226	100 U	100 U	20800	100 U	100 U
VMW-08	SH		20	2003Q1	01/31/03		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		282	100 U	100 U	21300	100 U	100 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
VMW-08	SH	DP	20	2003Q1	02/17/03		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		304	100 U	100 U	31600	100 U	100 U
VMW-08	SH	D	20	2003Q1	02/17/03		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		314	100 U	100 U	29400	100 U	100 U
VMW-08	SH		20	2003Q2	06/18/03		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		107	50 U	50 U	9750	50 U	50 U
VMW-08	SH		20	2003Q4	10/30/03		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		137	50 U	50 U	12100	50 U	50 U
VMW-08	SH		20	2004Q3	07/07/04		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		132	25 U	25 U	4980	25 U	25 U
VMW-08	SH		20	2005Q1	02/03/05		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		229	50 U	50 U	11600	50 U	50 U
VMW-08	SH		20	2005Q2	06/07/06	12:55	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		373	50 U	50 U	14600	50 U	50 U
VMW-08	SH		20	2007Q1	02/12/07	15:39	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		312	50 U	50 U	11400	50 U	50 U
VMW-08	SH		20	2009Q1	03/27/09	17:40	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	36	25 U	100 U		420	25 U	25 U	14000	25 U	25 U
VMW-08	SH		20	2009Q4	12/15/09	11:25	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	4.3	2.5 U	10 U		29	2.5 U	2.5 U	1100	2.5 U	2.5 U
VMW-08	SH		20	2010Q4	12/10/10	12:58	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		7.3	0.5 U	0.5 U	150	0.5 U	0.5 U
VMW-08	SH		20	2011Q1	03/18/11	12:40	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	0.5 U	0.5 U	0.5 U	0.66	0.5 U	2 U		10	0.5 U	0.5 U	250	0.5 U	0.5 U
VMW-08	SH		20	2012Q1	03/14/12	13:24	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	1 J	2 U	10 U		6.1	1 U	1 U	170	1 U	1 U
VMW-08	SH		20	2012Q3	09/07/12	13:55	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		24	5 U	5 U	780	5 U	5 U
VMW-08	SH		20	2013Q1	03/20/13	12:03	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		50	5 U	5 U	1200	5 U	5 U
VMW-08	SH		20	2013Q2	06/17/13	9:32	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	20 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		49 J	50 U	50 U	1200	50 U	50 U
VMW-08	SH		20	2013Q4	11/21/13	12:43	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		24	5 U	5 U	370	5 U	5 U
VMW-08	SH		20	2014Q1	03/14/14	14:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.4	0.5 U	0.5 U	55	0.5 U	0.5 U
VMW-08	SH		20	2014Q2	06/25/14	12:01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U	10 U	10 U	5 U	10 U	50 U	5 U	10 U	50 U		31.3	10 U	5 U	598.5	20 U	5 U
VMW-08	SH		20	2014Q4	12/11/14	12:31	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.86	0.5 U	0.5 U	29.25	1 U	0.5 U
VMW-08	SH		20	2015Q1	03/04/15	12:24	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1.25 U	2.5 U	5 U	2.5 U	2.5 U	25 U	2.95	5 U	25 U		49.35	2.5 U	2.5 U	913.5	5 U	2.5 U
VMW-08	SH		20	2015Q2	06/30/15	13:23	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		49.2	5 U	5 U	1173	10 U	5 U
VMW-09	SH		21	2002Q2	06/04/02		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		297	50 U	50 U	13000	50 U	50 U
VMW-09	SH		21	2002Q3	08/06/02		500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	1000 U	500 U	500 U	5000 U	500 U	1000 U	5000 U		1790	500 U	500 U	119000	500 U	500 U
VMW-09	SH		21	2002Q3	08/27/02		500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	1000 U	500 U	500 U	5000 U	500 U	1000 U	5000 U		1970	500 U	500 U	127000	500 U	500 U
VMW-09	SH		21	2002Q4	11/05/02		500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	1000 U	500 U	500 U	5000 U	500 U	1000 U	5000 U		1840	500 U	500 U	114000	500 U	500 U
VMW-09	SH	DP	21	2003Q1	01/31/03		250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	500 U	250 U	250 U	2500 U	255	500 U	2500 U		1420	250 U	250 U	81400	250 U	250 U
VMW-09	SH	D	21	2003Q1	01/31/03		250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	500 U	250 U	250 U	2500 U	280	500 U	2500 U		1600	250 U	250 U	83200	250 U	250 U
VMW-09	SH		21	2003Q1	02/19/03		250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	500 U	250 U	250 U	2500 U	250 U	500 U	2500 U		1740	550	250 U	82800	250 U	250 U
VMW-09	SH		21	2003Q2	06/19/03		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		348	50 U	50 U	6120	50 U	50 U
VMW-09	SH		21	2003Q3	08/14/03		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		1100	100 U	100 U	27400	100 U	100 U
VMW-09	SH		21	2003Q4	10/30/03		250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	500 U	250 U	250 U	2500 U	250 U	500 U	2500 U		1150	250 U	250 U	41100	250 U	250 U
VMW-09	SH		21	2004Q3	07/07/04		250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	500 U	250 U	250 U	2500 U	250 U	500 U	2500 U		685	250 U	250 U	33200	250 U	250 U
VMW-09	SH		21	2005Q1	02/02/05		250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	500 U	250 U	250 U	2500 U	250 U	500 U	2500 U		1180	250 U	250 U	40800	250 U	250 U
VMW-09	SH		21	2005Q2	06/07/06	12:35	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	180	200 U	1000 U		1410	100 U	100 U	37300	100 U	100 U
VMW-09	SH		21	2007Q1	02/12/07	15:47	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	134	100 U	500 U		797	50 U	50 U	18500	50 U	50 U
VMW-09	SH		21	2009Q1	03/27/09	18:44	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	450	25 U	100 U		810	25 U	25 U	16000	25 U	25 U
VMW-09	SH		21	2009Q4	12/15/09	12:42	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	8.4	2.5 U	10 U		59	2.5 U	2.5 U	1200	2.5 U	2.5 U
VMW-09	SH		21	2010Q1	03/23/10	12:11	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	12	5 U	20 U		92	5 U	5 U	2500	5 U	5 U
VMW-09	SH		21	2010Q4	12/10/10	12:33	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	0.5 U	0.5 U	0.5 U	6	0.5 U	2 U		26	0.5 U	0.5 U	510	0.5 U	0.5 U
VMW-09	SH		21	2011Q1	03/18/11	12:14	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.7	1 U	4 U		22	1 U	1 U	520	1 U	1 U
VMW-09	SH		21	2011Q3	09/15/11	15:00	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		63.5	25 U	25 U	1750	25 U	25 U
VMW-09	SH		21	2012Q1	03/14/12	13:03	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		10	5 U	5 U	290	5 U	5 U
VMW-09	SH		21	2012Q3	09/07/12	12:25	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	13	20 U	100 U		82	10 U	10 U	1700	10 U	10 U
VMW-09	SH		21	2013Q1	03/20/13	11:23	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	13	20 U	100 U		99	10 U	10 U	1900	10 U	10 U
VMW-09	SH		21	2013Q2	06/17/13	9:58	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	40 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		160	100 U	100 U	2700	100 U	100 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
VMW-09	SH		21	2013Q3	09/19/13	12:30	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	5 U	10 U	5 U	5 U	50 U	5.4	10 U	50 U		47	5 U	5 U	880	5 U	5 U
VMW-09	SH		21	2013Q4	11/21/13	12:05	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	5 U	2.5 U	2.5 U	25 U	2.5 U	5 U	25 U		23	2.5 U	2.5 U	320	2.5 U	2.5 U
VMW-09	SH		21	2014Q1	03/14/14	14:50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	5 U	2.5 U	2.5 U	25 U	2.5 U	5 U	25 U		18	2.5 U	2.5 U	210	2.5 U	2.5 U
VMW-09	SH		21	2014Q2	06/25/14	11:37	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	6.25 U	25 U	25 U	12.5 U	25 U	125 U	12.5 U	25 U	125 U		98.75	25 U	12.5 U	1646	50 U	12.5 U
VMW-09	SH		21	2014Q3	09/16/14	12:21	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	20 U	10 U	10 U	100 U	10 U	20 U	100 U		54.8	10 U	10 U	908	20 U	10 U
VMW-09	SH		21	2014Q4	12/11/14	12:57	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U	5 U	10 U	5 U	5 U	50 U	10.1	10 U	50 U		88.6	5 U	5 U	1428.6	10 U	5 U
VMW-09	SH		21	2015Q1	03/04/15	11:55	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U	5 U	10 U	5 U	5 U	50 U	7	10 U	50 U		85.1	5 U	5 U	1598.9	10 U	5 U
VMW-09	SH		21	2015Q2	06/30/15	13:56	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		32.7	5 U	5 U	785.1	10 U	5 U
VMW-10	SH	DP	23	2002Q2	05/09/02		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		53	25 U	25 U	3890	25 U	25 U
VMW-10	SH	D	23	2002Q2	05/09/02		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		48	25 U	25 U	3820	25 U	25 U
VMW-10	SH		23	2002Q3	08/07/02		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		71	25 U	25 U	6690	25 U	25 U
VMW-10	SH		23	2002Q4	11/12/02		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		134	25 U	25 U	8270	25 U	25 U
VMW-10	SH		23	2003Q1	01/31/03		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		223	50 U	50 U	15900	50 U	50 U
VMW-10	SH	DP	23	2003Q1	02/18/03		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		214	100 U	100 U	13600	100 U	100 U
VMW-10	SH	D	23	2003Q1	02/18/03		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		198	100 U	100 U	13400	100 U	100 U
VMW-10	SH		23	2003Q2	06/19/03		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		194	50 U	50 U	15300	50 U	50 U
VMW-10	SH	DP	23	2003Q4	10/30/03		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50	100 U	500 U		388	50 U	50 U	16800	50 U	50 U
VMW-10	SH	D	23	2003Q4	10/30/03		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U		410	100 U	100 U	18300	100 U	100 U
VMW-10	SH		23	2004Q3	07/07/04		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	38.5	50 U	250 U		168	25 U	25 U	9620	25 U	25 U
VMW-10	SH		23	2005Q1	02/04/05		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U		228	50 U	50 U	9980	50 U	50 U
VMW-10	SH		23	2007Q1	02/13/07	8:45	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		166	25 U	25 U	4030	25 U	25 U
VMW-10	SH		23	2009Q1	03/27/09	16:14	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	38	10 U	40 U		440	10 U	10 U	8300	10 U	10 U
VMW-10	SH		23	2009Q4	12/18/09	12:14	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	0.5 U	0.5 U	0.5 U	1.8	0.5 U	2 U		20	0.5 U	0.5 U	460	0.5 U	0.5 U
VMW-10	SH		23	2010Q1	03/23/10	15:03	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.4	1.3 U	5 U		31	1.3 U	1.3 U	740	1.3 U	1.3 U
VMW-10	SH		23	2010Q4	12/10/10	13:39	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	0.5 U	0.5 U	0.5 U	0.67	0.5 U	2 U		7.8	0.5 U	0.5 U	160	0.5 U	0.5 U
VMW-10	SH		23	2011Q1	03/18/11	16:52	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	0.5 U	0.5 U	0.5 U	0.66	0.5 U	2 U		7.7	0.5 U	0.5 U	150	0.5 U	0.5 U
VMW-10	SH		23	2011Q3	09/16/11	9:49	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		11.1	5 U	5 U	280	5 U	5 U
VMW-10	SH		23	2012Q1	03/14/12	14:38	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.8	0.5 U	0.5 U	110	0.5 U	0.5 U
VMW-10	SH		23	2012Q3	09/07/12	16:03	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	4 U	2 U	2 U	20 U	2 U	4 U	20 U		24	2 U	2 U	390	2 U	2 U
VMW-10	SH		23	2013Q1	03/15/13	11:17	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		8.4	0.5 U	0.5 U	150	0.5 U	0.5 U
VMW-10	SH		23	2013Q2	06/17/13	8:24	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	0.2 U	0.5 U	1 U	0.5 U	0.25 J	5 U	0.54	1 U	5 U		15	0.5 U	0.5 U	280	0.5 U	0.5 U
VMW-10	SH		23	2013Q4	11/21/13	15:03	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	5 U	2.5 U	2.5 U	25 U	2.5 U	5 U	25 U		9.3	2.5 U	2.5 U	140	2.5 U	2.5 U
VMW-10	SH		23	2014Q1	03/14/14	15:50	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.7	0.5 U	0.5 U	57	0.5 U	0.5 U
VMW-10	SH		23	2014Q2	06/25/14	13:17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	2 U	2 U	1 U	2 U	10 U	1 U	2 U	10 U		7.64	2 U	1 U	105.94	4 U	1 U
VMW-10	SH		23	2014Q4	12/11/14	9:52	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.08	0.5 U	0.5 U	50.4	1 U	0.5 U
VMW-10	SH		23	2015Q1	03/04/15	14:12	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		16.98	0.5 U	0.5 U	210.7	1 U	0.5 U
VMW-10	SH		23	2015Q2	06/30/15	11:46	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	2 U	1 U	1 U	10 U	1 U	2 U	10 U		6.56	1 U	1 U	119.78	2 U	1 U
VMW-11	SH		23	2002Q2	05/08/02		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	10 U	20 U	100 U		26	10 U	10 U	2080	10 U	10 U
VMW-11	SH		23	2002Q3	08/07/02		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		56	25 U	25 U	5250	25 U	25 U
VMW-11	SH		23	2002Q4	11/07/02		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	25.2	20 U	100 U		38	10 U	10 U	3060	10 U	10 U
VMW-11	SH		23	2003Q1	02/18/03		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	16	20 U	100 U		51	10 U	10 U	3340	10 U	10 U
VMW-11	SH		23	2003Q2	06/19/03		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		56.5	25 U	25 U	5560	25 U	25 U
VMW-11	SH		23	2003Q4	10/30/03		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		52	25 U	25 U	5100	25 U	25 U
VMW-11	SH		23	2004Q3	07/07/04		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	15.4	20 U	100 U		50.4	10 U	10 U	3800	10 U	10 U
VMW-11	SH		23	2005Q1	02/04/05		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		66	25 U	25 U	4760	25 U	25 U
VMW-11	SH		23	2007Q1	02/13/07	9:52	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	10 U	20 U	100 U		49.4	10 U	10 U	2200	10 U	10 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
VMW-11	SH		23	2009Q1	03/27/09	14:25	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15	5 U	20 U		100	5 U	5 U	3000	5 U	5 U
VMW-11	SH	DP	23	2009Q4	12/18/09	12:37	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	0.5 U	0.5 U	0.5 U	1.9	0.5 U	2 U		15	0.5 U	0.5 U	300	0.5 U	0.5 U
VMW-11	SH	D	23	2009Q4	12/18/09	12:37	0.5 U	0.53	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	0.5 U	2.1	0.5 U	2 U		14	0.5 U	0.5 U	290	0.5 U	0.5 U
VMW-11	SH	DP	23	2010Q1	03/23/10	13:58	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	0.5 U	0.5 U	0.5 U	1.2	0.5 U	2 U		16	0.5 U	0.5 U	410	0.5 U	0.5 U
VMW-11	SH	D	23	2010Q1	03/23/10	13:58	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	0.5 U	0.5 U	0.5 U	1.2	0.5 U	2 U		17	0.5 U	0.5 U	400	0.5 U	0.5 U
VMW-11	SH		23	2010Q3	09/27/10	15:32	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	0.5 U	0.5 U	0.5 U	0.64	0.5 U	2 U		13	0.5 U	0.5 U	360	0.5 U	0.5 U
VMW-11	SH	DP	23	2010Q4	12/10/10	14:05	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	0.5 U	0.5 U	0.5 U	0.78	0.5 U	2 U		5	0.5 U	0.5 U	71	0.5 U	0.5 U
VMW-11	SH	D	23	2010Q4	12/10/10	14:05	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	0.5 U	0.5 U	0.5 U	0.61	0.5 U	2 U		5	0.5 U	0.5 U	80	0.5 U	0.5 U
VMW-11	SH		23	2011Q1	03/18/11	17:17	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	0.5 U	0.5 U	0.5 U	0.77	0.5 U	2 U		4.6	0.5 U	0.5 U	62	0.5 U	0.5 U
VMW-11	SH		23	2011Q3	09/16/11	10:39	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U		7.1	5 U	5 U	218	5 U	5 U
VMW-11	SH		23	2012Q1	03/14/12	14:10	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.2	0.5 U	0.5 U	76	0.5 U	0.5 U
VMW-11	SH		23	2012Q3	09/07/12	17:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		5.8	0.5 U	0.5 U	120	0.5 U	0.5 U
VMW-11	SH		23	2013Q1	03/15/13	12:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.3	0.5 U	0.5 U	93	0.5 U	0.5 U
VMW-11	SH		23	2013Q2	06/17/13	8:51	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	0.2 U	0.5 U	1 U	0.5 U	0.26 J	5 U	0.18 J	1 U	5 U		4.2	0.5 U	0.5 U	80	0.5 U	0.5 U
VMW-11	SH		23	2013Q3	09/19/13	15:25	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.4 U	1 U	2 U	1 U	1 U	10 U	1 U	2 U	10 U		5.6	1 U	1 U	120	1 U	1 U
VMW-11	SH		23	2013Q4	11/21/13	15:27	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.8	0.5 U	0.5 U	63	0.5 U	0.5 U
VMW-11	SH		23	2014Q1	03/14/14	16:20	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.1	0.5 U	0.5 U	22	0.5 U	0.5 U
VMW-11	SH		23	2014Q2	06/25/14	13:48	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	0.25 U	1 U	1 U	0.5 U	1 U	5 U	0.5 U	1 U	5 U		2.6	1 U	0.5 U	36.3	2 U	0.5 U
VMW-11	SH		23	2014Q3	09/16/14	13:34	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		4.75	0.5 U	0.5 U	98.1	1 U	0.5 U
VMW-11	SH		23	2014Q4	12/11/14	9:17	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.78	0.5 U	0.5 U	13.65	1 U	0.5 U
VMW-11	SH		23	2015Q1	03/04/15	13:30	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.04	0.5 U	0.5 U	50.67	1 U	0.5 U
VMW-11	SH		23	2015Q2	06/30/15	11:18	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.82	0.5 U	0.5 U	67.87	1 U	0.5 U
CM-MW-01d	IN		121	2001Q2	05/17/01	0:00		0.65	0.5 U	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.26	1 U	5 U		5.09		0.5 U	10.4	0.5 U	0.5 U
CM-MW-01d	IN		121	2001Q3	08/27/01	15:05	0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.65	1 U	5 U		10.5		0.5 U	12.2	0.5 U	0.5 U
CM-MW-01d	IN		121	2001Q4	11/09/01	10:50	0.5 U	0.5 U	0.5 U	0.99	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.04	1 U	5 U		7.87		0.5 U	15.3	0.5 U	0.5 U
CM-MW-01d	IN		121	2002Q1	02/04/02	16:35	0.5 U	0.5	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.12	1 U	5 U		13.9		0.5 U	20.8	0.5 U	0.5 U
CM-MW-01d	IN		121	2002Q2	05/28/02	16:30	0.5 U	0.5 U	0.5 U	1.13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.47	1 U	5 U		12.3		0.5 U	19.8	0.5 U	0.5 U
CM-MW-01d	IN		121	2002Q3	08/20/02	15:25	0.5 U	0.5 U	0.5 U	1.16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.85	1 U	5 U		11.8		0.5 U	21.4	0.5 U	0.5 U
CM-MW-01d	IN		121	2002Q4	11/25/02	15:20	0.5 U	0.5 U	0.5 U	1.34	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.22	1 U	5 U		15.7		0.5 U	29.6	0.5 U	0.5 U
CM-MW-01d	IN		121	2003Q1	01/27/03	13:05	0.5 U	0.5 U	0.5 U	1.18	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.46	1 U	5 U		20.9		0.5 U	30.2	0.5 U	0.5 U
CM-MW-01d	IN		121	2003Q2	05/22/03	11:25	0.5 U	0.5 U	0.5 U	1.29	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.61	1 U	5 U		13.9		0.5 U	29.4	0.5 U	0.5 U
CM-MW-01d	IN		121	2003Q3	08/13/03	15:55	0.5 U	0.5 U	0.5 U	1.24	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.87	1 U	5 U		20.8		0.5 U	34.8	0.5 U	0.5 U
CM-MW-01d	IN		121	2003Q4	11/12/03	9:50	0.5 U	0.5 U	0.5 U	1.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	10.4	1 U	5 U		19.3		0.5 U	30.9	0.5 U	0.5 U
CM-MW-01d	IN		121	2004Q1	01/27/04	17:25	0.5 U	0.53	0.5 U	1.11	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.65	1 U	5 UJ		19.3		0.5 U	30.8	0.5 U	0.5 U
CM-MW-01d	IN		121	2004Q2	05/05/04	10:25	1 U	1 U	1 U	1.01	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	9.33	1 U	5 U	1 U	17.3	1 U	1 U	27.2	1 U	1 UJ
CM-MW-01d	IN		121	2004Q3	08/19/04	11:45	0.5 U	0.55 J	0.5 U	1.09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 UJ	9.66	1 U	5 U		19.1		0.5 U	30.4	0.5 U	0.5 U
CM-MW-01d	IN		121	2004Q4	11/17/04	10:20	0.5 U	0.5 U	0.5 U	1.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.29	1 U	5 U		16.8		0.5 U	26.8	0.5 U	0.5 U
CM-MW-01d	IN		121	2005Q1	02/02/05	11:00	0.5 U	0.5 U	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.22	1 U	5 U		18.7		0.5 U	25.9	0.5 U	0.5 U
CM-MW-01d	IN		121	2005Q2	05/16/05	13:57	0.5 UJ	0.5 UJ	0.5 UJ	0.78 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	7.32 J	1 UJ	5 UJ		15.7 J		0.5 UJ	24.1 J	0.5 UJ	0.5 UJ
CM-MW-01d	IN		121	2005Q3	08/19/05	13:13	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	7.05	1 U	1 U		16.1		1 U	22	1 U	1 U
CM-MW-01d	IN		121	2005Q4	11/14/05	12:25	0.5 U	0.5 U	0.5 U	0.79	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.09	1 U	5 U		10		0.5 U	18.1	0.5 U	0.5 U
CM-MW-01d	IN		121	2006Q2	06/08/06	14:00	0.5 U	0.5 U	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.72	1 U	5 U		16.4	0.5 U	0.5 U	20.7	0.5 U	0.5 U
CM-MW-01d	IN		121	2006Q3	09/12/06	18:52	0.5 U	0.5 U	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.56	1 U	5 U		11.1	0.5 U	0.5 U	15.2	0.5 U	0.5 U
CM-MW-01d	IN		121	2007Q1	02/10/07	14:45	0.5 U	0.5 U	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.23	1 U	5 U		12.2	0.5 U	0.5 U	16.3	0.5 U	0.5 U
CM-MW-01d	IN		121	2007Q3	09/17/07	16:05	0.5 U	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.08	1 U	5 U		11.2	0.5 U	0.5 U	14.4	0.5 U	0.5 U
CM-MW-01d	IN		121	2008Q1	03/07/08	11:10	0.5 U	0.5 U	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.75	1 U	5 U		12.1	0.5 U	0.5 U	15.2	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-01d	IN		121	2008Q3	09/22/08	13:02	0.5 U	0.5 U	0.5 U	0.57	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	4.6	0.5 U	2 U		12	0.5 U	0.5 U	17	0.5 U	0.5 U
CM-MW-01d	IN		121	2009Q1	04/03/09	14:35	0.5 U	0.5 U	0.5 U	0.66	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	5.2	0.5 U	2 U		14	0.5 U	0.5 U	20	0.5 U	0.5 U
CM-MW-01d	IN		121	2009Q2	06/16/09	10:20	0.5 U	0.5 U	0.5 U	0.68	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	5.2	0.5 U	2 U		14	0.5 U	0.5 U	20	0.5 U	0.5 U
CM-MW-01d	IN		121	2009Q3	09/22/09	14:30	0.5 U	0.5 U	0.5 U	0.55	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	4.3	0.5 U	2 U		13	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-01d	IN		121	2009Q4	12/14/09	14:55	0.5 U	0.5 U	0.5 U	0.53	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	4.7	0.5 U	2 U		13	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-01d	IN	DP	121	2010Q1	03/23/10	10:45	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	0.5 U	0.5 U	0.5 U	4.1	0.5 U	2 U		11	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-01d	IN	D	121	2010Q1	03/23/10	10:45	0.5 U	0.5 U	0.5 U	0.54	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	5	0.5 U	2 U		12	0.5 U	0.5 U	15	0.5 U	0.5 U
CM-MW-01d	IN	DP	121	2010Q3	09/29/10	10:55	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	0.5 U	0.5 U	0.5 U	4.1	0.5 U	2 U		10	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-01d	IN	D	121	2010Q3	09/29/10	10:55	0.5 U	0.5 U	0.5 U	0.53	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	4.8	0.5 U	2 U		11	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-01d	IN		121	2011Q1	03/22/11	14:00	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	0.5 U	0.5 U	0.5 U	4.2	0.5 U	2 U		9.5	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-01d	IN		121	2011Q3	09/15/11	15:56	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	1 U	0.5 U	0.5 U	5 U	3.79	1 U	5 U		8.33	0.5 U	0.5 U	10.7	0.5 U	0.5 U
CM-MW-01d	IN		121	2012Q1	03/23/12	14:48	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	1 U	0.5 U	0.5 U	5 U	3.6	1 U	5 U		7	0.5 U	0.5 U	8.5	0.5 U	0.5 U
CM-MW-01d	IN		121	2012Q3	09/10/12	12:50	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	1 U	0.5 U	0.5 U	5 U	3.1	1 U	5 U		5.9	0.5 U	0.5 U	8	0.5 U	0.5 U
CM-MW-01d	IN		121	2013Q1	03/08/13	15:00	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	1 U	0.5 U	0.5 U	5 U	2.2	1 U	5 U		7.5	0.5 U	0.5 U	8.1	0.5 U	0.5 U
CM-MW-01d	IN	DP	121	2013Q3	09/27/13	10:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2	1 U	5 U		7	0.5 U	0.5 U	7.2	0.5 U	0.5 U
CM-MW-01d	IN	D	121	2013Q3	09/27/13	10:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2	1 U	5 U		6.9	0.5 U	0.5 U	7.1	0.5 U	0.5 U
CM-MW-01d	IN		121	2014Q1	03/21/14	11:35	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.1	1 U	5 U		4.8	0.5 U	0.5 U	4	0.5 U	0.5 U
CM-MW-01d	IN	DP	121	2014Q3	09/12/14	9:39	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.59	1 U	5 U		2.64	0.5 U	0.5 U	1.88	1 U	0.5 U
CM-MW-01d	IN	D	121	2014Q3	09/12/14	9:39	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.56	1 U	5 U		2.26	0.5 U	0.5 U	1.83	1 U	0.5 U
CM-MW-01d	IN		121	2015Q1	03/07/15	13:54	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		3.85	0.5 U	0.5 U	2.82	1 U	0.5 U
CM-MW-01d	IN		121	2015Q3	09/04/15	15:38	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.51	1 U	5 U		2.75	0.5 U	0.5 U	2.37	1 U	0.5 U
CM-MW-01i	IN		86	1999Q4	10/20/99	0:00		0.66	1 U	1.01	1 U	1 U	1 U	1 U	1 U		1 U	10 U	1 U	0.59	10 U	7.48	5 U	1 U		7.92		1 U	11.5	1 U	1 U
CM-MW-01i	IN		86	2001Q1	02/08/01	0:00		1 U	1 U	1 U	1.4	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	10	1 U	5 U		1 U		1 U	3.29	1 U	1 U
CM-MW-01i	IN		86	2001Q2	05/16/01	0:00		0.5 U	0.5 U	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.92	1 U	5 U		0.5 U		0.5 U	1.73	0.5 U	0.5 U
CM-MW-01i	IN		86	2001Q3	08/27/01	13:20	0.5 U	0.5 U	0.5 U	1.03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	10.5	1 U	5 U		0.71		0.5 U	5.36	0.5 U	0.5 U
CM-MW-01i	IN		86	2001Q4	11/07/01	11:20	0.5 U	0.83	0.5 U	1.33	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	12.6	1 U	5 U		28		0.5 U	17.2	0.5 U	0.5 U
CM-MW-01i	IN		86	2002Q1	02/04/02	14:45	0.5 U	0.81	0.5 U	1.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	16.6	1 U	5 U		32.1		0.5 U	23.3	0.5 U	0.5 U
CM-MW-01i	IN		86	2002Q2	05/29/02	10:40	0.5 U	0.5 U	0.5 U	1.11	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	10.5	1 U	5 U		20.2		0.55	21.8	0.5 U	0.5 U
CM-MW-01i	IN		86	2002Q3	08/20/02	14:15	0.5 U	0.5 U	0.5 U	1.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	14.3	1 U	5 U		13.7		0.59	19.4	0.5 U	0.5 U
CM-MW-01i	IN		86	2002Q4	11/22/02	14:20	0.5 U	0.5 U	0.5 U	1.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	12.8	1 U	5 U		18.8		0.5 U	25.5	0.5 U	0.5 U
CM-MW-01i	IN		86	2003Q2	05/21/03	13:50	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	1 U	0.5 U	0.5 U	5 U	10.6	1 U	5 U		5.84		0.5 U	15.4	0.5 U	0.5 U
CM-MW-01i	IN		86	2003Q4	11/11/03	12:55	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	1 U	0.5 U	0.5 U	5 U	7.76	1 U	5 U		3.81		0.5 U	12.8	0.5 U	0.5 U
CM-MW-01i	IN		86	2004Q2	05/07/04	8:25	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	11	1 U	5 U	1 U	5.35	1 U	1 U	13.3	1 U	1 U
CM-MW-01i	IN		86	2004Q4	11/17/04	14:05	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	1 U	0.5 U	0.5 U	5 UJ	8.98	1 U	5 U		6.25		0.5 U	11.1	0.5 U	0.5 U
CM-MW-01i	IN		86	2005Q2	05/17/05	9:11	0.5 U	0.5 U	0.5 U	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	16.7	1 U	5 U		11.2		0.5 U	16.4	0.5 U	0.5 U
CM-MW-01i	IN		86	2005Q2	06/06/05	12:20	0.5 U	0.59	0.5 U	0.98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	17.5	1 U	5 U		16.8		0.5 U	18.2	0.5 U	0.5 U
CM-MW-01i	IN		86	2005Q3	07/13/05	10:05	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		0.5 U	1 U	0.5 U	0.5 U	5 UJ	17	1 U	5 U		10.2		0.5 U	14.9	0.5 U	0.5 U
CM-MW-01i	IN		86	2005Q3	08/23/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	13.7	1 U	1 U		8.13		1 U	13.8	1 U	1 U
CM-MW-01i	IN		86	2005Q3	09/20/05	14:00	0.5 U	0.5 U	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	12.8	1 U	5 U		7.56		0.5 U	12.5	0.5 U	0.5 U
CM-MW-01i	IN		86	2005Q4	11/16/05	9:25	0.5 U	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	12	1 U	5 U		5.84		0.5 U	12.2	0.5 U	0.5 U
CM-MW-01i	IN		86	2006Q2	06/07/06	18:10	0.5 U	0.5 U	0.5 U	0.92	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	21.6	1 U	5 U		4.02	0.5 U	0.61	8.98	0.5 U	0.5 U
CM-MW-01i	IN		86	2007Q1	02/10/07	13:50	0.5 U	0.5 U	0.5 U	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	22.5	1 U	5 U		2.5	0.5 U	0.5 U	7.36	0.5 U	0.5 U
CM-MW-01i	IN		86	2007Q3	09/18/07	11:53	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	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	19.5	1 U	5 U		2.78	0.5 U	0.5 U	8.63	0.5 U	0.5 U
CM-MW-01i	IN		86	2007Q4	12/12/07	13:42	0.5 UJ	0.5 UJ	0.5 UJ	0.5 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	15.4 J	1 UJ	5 UJ		3.27 J	0.5 UJ	0.5 UJ	7.63 J	0.5 UJ	0.5 UJ
CM-MW-01i	IN		86	2008Q1	02/28/08	15:02	0.5 U	0.5 U	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	16.6	1 U	5 U		2.87	0.5 U	0.5 U	6.97	0.5 U	0.5 U
CM-MW-01i	IN		86	2008Q2	06/18/08	15:15	0.5 U	0.5 U	0.5 U	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.3	1 U	5 U		8.88	0.5 U	0.5 U	9.98	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-01i	IN		86	2008Q3	09/19/08	13:44	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		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15	0.5 U	2 U	2 U	4.1	0.5 U	0.5 U	9.5	0.5 U	
CM-MW-01i	IN		86	2009Q1	04/06/09	12:43	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	9.3	0.5 U	2 U		6.2	0.5 U	0.5 U	8.7	0.5 U	0.5 U
CM-MW-01i	IN		86	2009Q2	06/18/09	11:30	0.5 U	0.5 U	0.5 U	0.89	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	13	0.5 U	2 U		8.7	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-01i	IN		86	2009Q3	09/21/09	12:00	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10	0.5 U	2 U		6.1	0.5 U	0.5 U	9	0.5 U	0.5 U
CM-MW-01i	IN		86	2009Q4	12/14/09	12:40	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	0.5 U	0.5 U	0.5 U	9.4	0.5 U	2 U		4.3	0.5 U	0.5 U	8	0.5 U	0.5 U
CM-MW-01i	IN		86	2010Q1	03/19/10	12:35	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	0.5 U	0.5 U	0.5 U	6.9	0.5 U	2 U		2.6	0.5 U	0.5 U	5.4	0.5 U	0.5 U
CM-MW-01i	IN		86	2010Q3	09/24/10	16:04	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	0.5 U	0.5 U	0.5 U	5.4	0.5 U	2 U		2.2	0.5 U	0.5 U	4.5	0.5 U	0.5 U
CM-MW-01i	IN		86	2011Q1	03/18/11	16:49	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	0.5 U	0.5 U	0.5 U	3.4	0.5 U	2 U		1.7	0.5 U	0.5 U	3.3	0.5 U	0.5 U
CM-MW-01i	IN		86	2011Q3	09/19/11	9:44	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	1 U	0.5 U	0.5 U	5 U	4.98	1 U	5 U		1.64	0.5 U	0.5 U	2.89	0.5 U	0.5 U
CM-MW-01i	IN		86	2012Q1	03/23/12	16:35	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	1 U	0.5 U	0.5 U	5 U	4.1	1 U	5 U		1.9	0.5 U	0.5 U	3.3	0.5 U	0.5 U
CM-MW-01i	IN		86	2012Q3	09/07/12	13:31	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	1 U	0.5 U	0.5 U	5 U	4.9	1 U	5 U		1.3	0.5 U	0.5 U	2.5	0.5 U	0.5 U
CM-MW-01i	IN		86	2013Q1	03/15/13	16:36	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	1 U	0.5 U	0.5 U	5 U	3	1 U	5 U		1.1	0.5 U	0.5 U	2.1	0.5 U	0.5 U
CM-MW-01i	IN		86	2013Q3	09/27/13	12:04	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.5	1 U	5 U		0.9	0.5 U	0.5 U	2.1	0.5 U	0.5 U
CM-MW-01i	IN		86	2014Q1	03/21/14	16:21	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.3	1 U	5 U		4.2	0.5 U	0.5 U	3.7	0.5 U	0.5 U
CM-MW-01i	IN		86	2014Q3	09/08/14	17:52	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.07	1 U	5 U		0.97	0.5 U	0.5 U	1.7	1 U	0.5 U
CM-MW-01i	IN		86	2015Q1	03/07/15	12:26	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.1	1 U	5 U		1.12	0.5 U	0.5 U	1.7	1 U	0.5 U
CM-MW-01i	IN		86	2015Q3	09/25/15	10:00	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	0.25 U	0.5 U	1 U	1 U	0.5 U	5 U	1.24	1 U	5 U		0.9	0.5 U	0.5 U	1.5	1 U	0.5 U
CM-MW-03d	IN		60	2002Q3	09/11/02	12:40	0.5 U	0.87	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.17	1 U	5 U		2.47		0.5 U	9.02 J	0.5 U	0.5 U
CM-MW-03d	IN		60	2002Q4	11/26/02	9:30	0.5 U	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	1 U	0.5 U	0.58	5 U	2.64	1 U	5 U		6.8		0.5 U	25	0.5 U	0.5 U
CM-MW-03d	IN		60	2003Q1	01/27/03	14:20	0.5 U	0.74	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 U	0.5 U	0.84	5 U	1.97	1 U	5 U		6.52		0.5 U	18.4	0.5 U	0.5 U
CM-MW-03d	IN		60	2003Q2	05/24/03	11:30	0.5 U	1.03	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 U	0.5 U	0.89	5 U	1.85	1 U	5 U		5.62		0.5 U	22.1	0.5 U	0.5 U
CM-MW-03d	IN		60	2003Q3	08/11/03	18:40	0.5 U	1.02	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 U	0.5 U	0.8	5 U	1.72	1 U	5 U		6.16		0.5 U	26.6	0.5 U	0.5 U
CM-MW-03d	IN		60	2003Q4	11/12/03	14:10	0.5 U	0.93	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 U	0.5 U	0.9	5 U	1.73	1 U	5 U		5.52		0.5 U	19.7	0.5 U	0.5 U
CM-MW-03d	IN		60	2004Q1	01/29/04	13:10	0.5 U	1.09	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 U	0.5 U	0.73	5 U	1.45	1 U	5 U		6.03		0.5 U	23.3	0.5 U	0.5 U
CM-MW-03d	IN		60	2004Q2	05/04/04	14:35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1.63	1 U	5 U	1 U	5.13	1 U	1 U	20.5	1 U	1 U
CM-MW-03d	IN		60	2004Q3	08/19/04	10:45	0.5 U	0.93 J	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 UJ	0.5 U	0.84	5 UJ	2	1 U	5 U		6.51		0.5 U	24.9	0.5 U	0.5 U
CM-MW-03d	IN		60	2004Q4	11/16/04	11:45	0.5 U	0.73	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 U	0.5 U	0.55	5 U	3.11	1 U	5 U		6.78		0.5 U	20	0.5 U	0.5 U
CM-MW-03d	IN		60	2005Q1	02/03/05	11:20	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.53	5 U	2.65	1 U	5 U		6.83		0.5 U	24	0.5 U	0.5 U
CM-MW-03d	IN		60	2005Q2	05/18/05	11:54	0.5 U	0.92	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 UJ	0.5 U	0.5 U	5 U	3.37	1 U	5 U		8.64		0.5 U	22.4	0.5 U	0.5 U
CM-MW-03d	IN		60	2005Q3	08/18/05	15:06	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1.32	1 U	1 U		9.01		1 U	27	1 U	1 U
CM-MW-03d	IN		60	2005Q4	11/14/05	15:35	0.5 U	0.87	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 U	0.5 U	0.55	5 U	2.03	1 U	5 U		8.87		0.5 U	24.7	0.5 U	0.5 U
CM-MW-03d	IN		60	2006Q2	06/07/06	15:40	0.5 U	0.52	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	1 U	0.5 U	0.5 U	5 U	1.62	1 U	5 U		5.57	0.5 U	0.5 U	18.4	0.5 U	0.5 U
CM-MW-03d	IN		60	2006Q3	09/11/06	18:45	0.5 U	0.63	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	1 U	0.5 U	0.5 U	5 U	1.18	1 U	5 U		6.66	0.5 U	0.5 U	15.4	0.5 U	0.5 U
CM-MW-03d	IN		60	2007Q1	02/11/07	12:40	0.5 U	0.56	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	1 U	0.5 U	0.5 U	5 U	1.06	1 U	5 U		7	0.5 U	0.5 U	15.2	0.5 U	0.5 U
CM-MW-03d	IN		60	2007Q3	09/18/07	13:16	0.5 U	0.75	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	1 U	0.5 U	0.5 U	5 U	1.25	1 U	5 U		7.53	0.5 U	0.5 U	17.1	0.5 U	0.5 U
CM-MW-03d	IN		60	2008Q1	03/08/08	13:28	0.5 U	0.56	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	1 U	0.5 U	0.5 U	5 U	1.28	1 U	5 U		7.42	0.5 U	0.5 U	17.5	0.5 U	0.5 U
CM-MW-03d	IN		60	2008Q4	12/09/08	11:22	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	0.5 U	0.5 U	0.5 U	1.1	0.5 U	2 U		5.1	0.53	0.5 U	16	0.5 U	0.5 U
CM-MW-03d	IN		60	2009Q3	09/18/09	14:20	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	0.5 U	0.5 U	0.5 U	0.96	0.5 U	2 U		3.2	0.5 U	0.5 U	5.2	0.5 U	0.5 U
CM-MW-03d	IN		100	2002Q3	09/11/02	13:20	0.5 U	0.94	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 U	0.5 U	0.6 U	5 U	3.06	1 U	5 U		6.66		0.5 U	37.2 J	0.5 U	0.5 U
CM-MW-03d	IN		100	2002Q4	11/25/02	18:00	0.5 U	1.04	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 U	0.5 U	0.98	5 U	2.67	1 U	5 U		7.81		0.5 U	18.6	0.5 U	0.5 U
CM-MW-03d	IN		100	2003Q1	01/27/03	16:20	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	1 U	0.5 U	0.55	5 U	2.38	1 U	5 U		7.39		0.5 U	9.21	0.5 U	0.5 U
CM-MW-03d	IN		100	2003Q2	05/24/03	10:55	0.5 U	0.74	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 U	0.5 U	0.5 U	5 U	1.72	1 U	5 U		4.41		0.5 U	12.5	0.5 U	0.5 U
CM-MW-03d	IN		100	2003Q3	08/12/03	18:45	0.5 U	1.87	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 U	0.5 U	0.53	5 U	1.39	1 U	5 U		5.01		0.5 U	37.5	0.5 U	0.5 U
CM-MW-03d	IN		100	2003Q4	11/12/03	14:40	0.5 U	0.71	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 U	0.5 U	0.5	5 U	1.08	1 U	5 U		3.39		0.5 U	14.9	0.5 U	0.5 U
CM-MW-03d	IN		100	2004Q1	01/29/04	15:10	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	1 UJ	0.5 U	0.5 U	5 U	2.75	1 U	5 U		7		0.5 U	7.99	0.5 U	0.5 U
CM-MW-03d	IN		100	2004Q2	05/04/04	14:20	1 U	1.73	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	2.11	1 U	5 U	1 U	6.2	1 U	1 U	30.4	1 U	1 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-03d	IN		100	2004Q3	08/19/04	10:30	0.5 U	1.24 J	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 UJ	0.5 U	0.5 U	5 UJ	1.2	1 U	5 U		4.33		0.5 U	23.7	0.5 U	0.5 U
CM-MW-03d	IN		100	2004Q4	11/16/04	10:20	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	1 U	0.5 U	0.5 U	5 U	0.93	1 U	5 U		2.64		0.5 U	4.98	0.5 U	0.5 U
CM-MW-03d	IN		100	2005Q1	02/03/05	10:46	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	1 U	0.5 U	0.5 U	5 U	3.05	1 U	5 U		7.28		0.5 U	7.75	0.5 U	0.5 U
CM-MW-03d	IN		100	2005Q2	05/18/05	11:32	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	1 UJ	0.5 U	0.5 U	5 U	2.5	1 U	5 U		5.77		0.5 U	5.34	0.5 U	0.5 U
CM-MW-03d	IN		100	2005Q3	08/18/05	14:45	1 U	1.04	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	2.18	1 U	1 U		6.76		1 U	23.1	1 U	1 U
CM-MW-03d	IN		100	2005Q4	11/14/05	15:16	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	1 U	0.5 U	0.5 U	5 U	1.58	1 U	5 U		3.6		0.5 U	9.58	0.5 U	0.5 U
CM-MW-03d	IN		100	2006Q2	06/07/06	15:15	0.5 U	0.53	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.5	1 U	5 U		16.6	0.5 U	0.5 U	15.2	0.5 U	0.5 U
CM-MW-03d	IN		100	2006Q3	09/11/06	18:22	0.5 U	0.75	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	1 U	0.5 U	0.5 U	5 U	2.55	1 U	5 U		6.58	0.5 U	0.5 U	19.8	0.5 U	0.5 U
CM-MW-03d	IN		100	2007Q1	02/11/07	13:03	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	1 U	0.5 U	0.5 U	5 U	2.33	1 U	5 U		5.7	0.5 U	0.5 U	14.5	0.5 U	0.5 U
CM-MW-03d	IN		100	2007Q3	09/18/07	13:45	0.5 U	0.62	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	1 U	0.5 U	0.5 U	5 U	0.95	1 U	5 U		3.99	0.5 U	0.5 U	19.6	0.5 U	0.5 U
CM-MW-03d	IN		100	2008Q1	03/08/08	13:06	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	1 U	0.5 U	0.5 U	5 U	1.76	1 U	5 U		4.36	0.5 U	0.5 U	9.75	0.5 U	0.5 U
CM-MW-03d	IN	DP	100	2008Q3	09/22/08	15:32	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	0.5 U	0.5 U	0.5 U	1.9	0.5 U	2 U		4.3	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-03d	IN	D	100	2008Q3	09/22/08	15:32	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	0.5 U	0.5 U	0.5 U	1.8	0.5 U	2 U		4.4	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-03d	IN	DP	100	2009Q1	04/06/09	13:25	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	0.5 U	0.5 U	0.5 U	1.9	0.5 U	2 U		3.5	0.5 U	0.5 U	4.5	0.5 U	0.5 U
CM-MW-03d	IN	D	100	2009Q1	04/06/09	13:25	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	0.5 U	0.5 U	0.5 U	2.1	0.5 U	2 U		4.3	0.5 U	0.5 U	5.3	0.5 U	0.5 U
CM-MW-03d	IN		100	2009Q3	09/18/09	13:55	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	0.5 U	0.5 U	0.5 U	0.97	0.5 U	2 U		2.4	0.5 U	0.5 U	4	0.5 U	0.5 U
CM-MW-03d	IN		100	2010Q1	03/23/10	13:18	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	0.5 U	0.5 U	0.5 U	1	0.5 U	2 U		2.6	0.5 U	0.5 U	6.3	0.5 U	0.5 U
CM-MW-03d	IN		100	2010Q3	09/29/10	12:58	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	0.5 U	0.5 U	0.5 U	0.56	0.5 U	2 U		1.7	0.5 U	0.5 U	5	0.5 U	0.5 U
CM-MW-03d	IN		100	2011Q1	03/22/11	10:15	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	0.5 U	0.5 U	0.5 U	0.69	0.5 U	2 U		1.6	0.5 U	0.5 U	3.5	0.5 U	0.5 U
CM-MW-03d	IN		100	2011Q3	09/15/11	13:18	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.12	0.5 U	0.5 U	2.42	0.5 U	0.5 U
CM-MW-03d	IN		100	2012Q1	03/23/12	12:46	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	1 U	0.5 U	0.5 U	5 U	0.85 J	1 U	5 U		1.1	0.5 U	0.5 U	1.7	0.5 U	0.5 U
CM-MW-03d	IN		100	2012Q3	09/07/12	15:08	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.69	0.5 U	0.5 U	1.8	0.5 U	0.5 U
CM-MW-03d	IN	DP	100	2013Q1	03/22/13	9:40	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	1 U	0.5 U	0.5 U	5 U	0.6	1 U	5 U		1.4	0.5 U	0.5 U	3.7	0.5 U	0.5 U
CM-MW-03d	IN	D	100	2013Q1	03/22/13	9:40	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	1 U	0.5 U	0.5 U	5 U	0.63	1 U	5 U		1.4	0.5 U	0.5 U	3.9	0.5 U	0.5 U
CM-MW-03d	IN		100	2013Q3	09/26/13	14:23	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.77	0.5 U	0.5 U	2.1	0.5 U	0.5 U
CM-MW-03d	IN		100	2014Q1	03/21/14	13:38	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-03d	IN		100	2014Q3	09/03/14	16:59	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.25	1 U	0.5 U
CM-MW-03d	IN		100	2015Q1	03/06/15	13:15	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.62	0.5 U	0.5 U	1.63	1 UJ	0.5 U
CM-MW-03d	IN		100	2015Q3	09/04/15	13:52	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.62	0.5 U	0.5 U	1.68	1 U	0.5 U
CM-MW-04i	IN	DP	90	2000Q2	06/20/00	0:00		4.33	1 U	3.77	2.61	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	16.2	1 U	1 U		6.46		1 U	31.7	1 U	1 U
CM-MW-04i	IN	D	90	2000Q2	06/20/00	0:00		4.33	1 U	3.88	2.64	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	16.2	1 U	1 U		6.14		1 U	30.9	1 U	1 U
CM-MW-04i	IN		90	2001Q1	02/08/01	0:00		1.85	1 U	1.27	1 U	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	1.87	1 U	5 U		1.47		1 U	10	1 U	1 U
CM-MW-04i	IN		90	2001Q3	08/29/01	13:30	0.5 U	1.36	0.5 U	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.43	1 U	5 U		0.5 U		0.5 U	3.48	0.5 U	0.5 U
CM-MW-04i	IN		90	2001Q4	11/08/01	16:10	0.5 U	1.84	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.88	1 U	5 U		0.5 U		0.5 U	4.11	0.5 U	0.5 U
CM-MW-04i	IN		90	2002Q1	01/29/02	11:50	0.5 U	1.15	0.5 U	0.85	0.54	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.4	1 U	5 U		0.5 U		0.5 U	2.01	0.5 U	0.5 U
CM-MW-04i	IN		90	2002Q2	05/30/02	14:30	0.5 U	1.67	0.5 U	1.23	0.62	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.73	1 U	5 U		0.5 U		0.5 U	2.3	0.5 U	0.5 U
CM-MW-04i	IN		90	2002Q3	08/21/02	11:20	0.5 U	1.34	0.5 U	1.39	0.77	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	3.32	1 U	5 U		0.94		0.5 U	5.5	0.5 U	0.5 U
CM-MW-04i	IN		90	2002Q4	11/22/02	7:15	0.5 U	1.54	0.5 U	1.21	0.78	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.8	1 U	5 U		0.5 U		0.5 U	2.94	0.5 U	0.5 U
CM-MW-04i	IN		90	2003Q1	02/04/03	10:20	0.5 U	1.47	0.5 U	0.97	0.67	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.49	1 U	5 U		0.5 U		0.5 U	1.52	0.5 U	0.5 U
CM-MW-04i	IN		90	2003Q2	05/23/03	17:35	0.5 U	2.05	0.5 U	1.52	0.89	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.35	1 U	5 U		0.5 U		0.5 U	2.34	0.5 U	0.5 U
CM-MW-04i	IN		90	2003Q3	08/07/03	10:35	0.5 U	2.14	0.5 U	1.76	1.1	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.66	1 U	5 U		1.27		0.5 U	8.61	0.5 U	0.5 U
CM-MW-04i	IN		90	2004Q1	01/26/04	15:00	0.5 U	1.98	0.5 U	1.67	0.98	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.46	1 U	5 UJ		0.5 U		0.5 U	2.52	0.5 U	0.5 U
CM-MW-04i	IN		90	2004Q3	08/16/04	13:00	0.5 U	2.39	0.5 U	1.79	1.02	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.75	1 U	5 U		0.5 U		0.5 U	2.28	0.5 U	0.5 U
CM-MW-04i	IN		90	2004Q4	11/17/04	12:50	0.5 U	3.3 J	0.5 U	2.76	1.77	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.29	1 U	5 U		0.5 U		0.5 U	3.48	0.5 U	0.5 U
CM-MW-04i	IN		90	2005Q1	02/03/05	8:50	0.5 U	2.94 J	0.5 U	3.09	1.82	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	5.94	1 U	5 U		0.5 U		0.5 U	3.44 J	0.5 U	0.5 U
CM-MW-04i	IN		90	2007Q1	02/12/07	16:45	0.5 U	2.72	0.5 U	1.77	1.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.17	1 U	5 U		2.97	0.5 U	0.5 U	35.7	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-04i	IN		90	2007Q3	09/17/07	13:44	0.5 U	2.54	0.5 U	2.79	1.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.64	1 U	5 U		0.5 U	0.5 U	0.5 U	8.03	0.5 U	0.5 U
CM-MW-04i	IN		90	2008Q1	03/05/08	16:55	0.5 U	4.2	0.5 U	3.53	3.09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	14.3	1 U	5 U		1.26	0.5 U	0.5 U	34.7	0.5 U	0.5 U
CM-MW-04i	IN		90	2008Q3	09/30/08	16:08	0.5 U	9.6	0.5 U	3.9	4.8	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	17	0.5 U	2 U		5.6	0.5 U	0.5 U	130	0.5 U	0.5 U
CM-MW-04i	IN		90	2008Q4	12/09/08	9:29	0.5 U	6.7	0.5 U	5.3	6.1	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	23	0.5 U	2 U		0.84	0.5	0.5 U	89	0.5 U	0.5 U
CM-MW-04i	IN		90	2009Q1	03/30/09	14:15	0.5 U	9	0.5 U	6.3	6.4	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	22	0.5 U	2 U		0.82	0.5 U	0.5 U	110	0.5 U	0.5 U
CM-MW-04i	IN		90	2009Q2	06/15/09	12:23	0.5 U	9.6	0.5 U	4.9	6.5	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	23	0.5 U	2 U		9.2	0.5 U	0.5 U	190	0.5 U	0.5 U
CM-MW-04i	IN		90	2009Q3	09/17/09	15:05	0.5 U	2.1	0.5 U	0.92	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	4.8	0.5 U	2 U		8.6	0.5 U	0.5 U	42	0.5 U	0.5 U
CM-MW-04i	IN		90	2009Q4	12/15/09	11:35	0.5 U	1.1	0.5 U	0.63	0.68	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	0.5 U	2 U		6.9	0.5 U	0.5 U	23	0.5 U	0.5 U
CM-MW-04i	IN		90	2010Q1	03/22/10	13:30	0.5 U	0.74	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	0.5 U	3.1	0.5 U	2 U		8.4	0.5 U	0.5 U	19	0.5 U	0.5 U
CM-MW-04i	IN		90	2010Q2	06/15/10	13:53	0.5 U	0.73	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	0.5 U	3	0.5 U	2 U		7.8	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-04i	IN		90	2010Q3	09/27/10	10:32	0.5 U	0.61	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	0.5 U	3.6	0.5 U	2 U		8.9	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-04i	IN		90	2010Q4	12/08/10	14:00	0.5 U	0.52	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	0.5 U	3	0.5 U	2 U		6.9	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-04i	IN	DP	90	2011Q1	03/17/11	14:01	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	0.5 U	0.5 U	0.5 U	2.6	0.5 U	2 U		6.6	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-04i	IN	D	90	2011Q1	03/17/11	14:01	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	0.5 U	0.5 U	0.5 U	2.5	0.5 U	2 U		6.5	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-04i	IN		90	2011Q3	09/15/11	11:00	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	1 U	0.5 U	0.5 U	5 U	2.02	1 U	5 U		5.08	0.5 U	0.5 U	8.54	0.5 U	0.5 U
CM-MW-04i	IN		90	2012Q1	03/27/12	11:36	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	1 U	0.5 U	0.5 U	5 U	1.8	1 U	5 U		4.4	0.5 U	0.5 U	8.7	0.5 U	0.5 U
CM-MW-04i	IN		90	2012Q3	09/06/12	14:36	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	0.5 U	0.5 U	0.5 U	1.4	0.5 U	1 U		3.6	0.5 U	0.5 U	7.1	0.5 U	0.5 U
CM-MW-04i	IN		90	2013Q1	03/13/13	12:43	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	1 U	0.5 U	0.5	5 U	1.2	1 U	5 U		4.7	0.5 U	0.5 U	7.4	0.5 U	0.5 U
CM-MW-04i	IN		90	2013Q3	09/26/13	10:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.7	1 U	5 U		2.9	0.5 U	0.5 U	5.3	0.5 U	0.5 U
CM-MW-04i	IN		90	2014Q1	03/26/14	13:27	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	0.2 U	0.5 U	1 U	0.5 U	0.51	5 U	0.57	1 U	5 U		2.7	0.5 U	0.5 U	4.6	0.5 U	0.5 U
CM-MW-04i	IN		90	2014Q3	09/08/14	11:40	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	0.25 U	0.5 U	1 U	0.5 U	0.52 J	5 U	0.5 U	1 U	5 U		1.48	0.5 U	0.5 U	3.14	1 U	0.5 U
CM-MW-04i	IN		90	2015Q1	03/11/15	9:55	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	0.25 U	0.5 U	1 U	0.5 U	0.55 J	5 U	0.5 U	1 U	5 U		1.8	0.5 U	0.5 U	3.58	1 U	0.5 U
CM-MW-04i	IN		90	2015Q3	09/03/15	10:11	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.72	0.5 U	0.5 U	3.59	1 U	0.5 U
CM-MW-05i	IN		90	1999Q4	11/16/99	0:00		4.71	1 U	1.17	1 U	1 U	1 U	1 U	1 U		1 U	5 U	1 U	1 U	5 U	11.1	5 U	1 U		19.4		1 U	161	1 U	1 U
CM-MW-05i	IN		90	2001Q1	02/08/01	0:00		1 U	1 U	1.25	1 U	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	8.1	1 U	5 U		4.45		1 U	12.5	1 U	1 U
CM-MW-05i	IN		90	2001Q2	05/16/01	0:00		0.57	0.5 U	1.24	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	10.3	1 U	5 U		5.86		0.5 U	11.1	0.5 U	0.5 U
CM-MW-05i	IN	DP	90	2001Q3	08/28/01	12:00	0.5 U	0.62	0.5 U	1.29	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	11.1	1 U	5 U		6.27		0.5 U	11.3	0.5 U	0.5 U
CM-MW-05i	IN	D	90	2001Q3	08/28/01	12:00	0.5 U	0.61	0.5 U	1.24	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	11	1 U	5 U		6.04		0.5 U	11	0.5 U	0.5 U
CM-MW-05i	IN	DP	90	2001Q4	11/07/01	19:10	0.5 U	2.19	0.5 U	1.75	0.87	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	19.8	1 U	5 U		62.3		0.5 U	33	0.5 U	0.5 U
CM-MW-05i	IN	D	90	2001Q4	11/07/01	19:10	0.5 U	2.23	0.5 U	1.92	0.9	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	21.2	1 U	5 U		54.6		0.5 U	31.6	0.5 U	0.5 U
CM-MW-05i	IN		90	2002Q1	01/29/02	9:45	0.5 U	1.41	0.5 U	1.76	0.84	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	19.6	1 U	5 U		51.5		0.5 U	25.7	0.5 U	0.5 U
CM-MW-05i	IN		90	2002Q2	05/30/02	12:05	0.5 U	1.15	0.5 U	1.22	0.54	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	13.6	1 U	5 U		47.2		0.5 U	25	0.5 U	0.5 U
CM-MW-05i	IN		90	2002Q3	08/21/02	12:25	0.5 U	0.5 U	0.5 U	1.71	0.62	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	17.7	1 U	5 U		44.1		0.5 U	27.4	0.5 U	0.5 U
CM-MW-05i	IN		90	2002Q4	11/21/02	14:35	0.5 U	0.5 U	0.5 U	1.69	0.63	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	14.6	1 U	5 U		53		0.5 U	30.7	0.5 U	0.5 U
CM-MW-05i	IN		90	2003Q1	02/04/03	12:40	0.5 U	1.14	0.5 U	1.4	0.64	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	17.2	1 U	5 U		58.4		0.5 U	27.2	0.5 U	0.5 U
CM-MW-05i	IN		90	2003Q2	05/26/03	9:10	0.5 U	0.69	0.5 U	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.45	1 U	5 U		40.4		0.5 U	16.4	0.5 U	0.5 U
CM-MW-05i	IN		90	2003Q3	08/07/03	12:56	0.5 U	0.88	0.5 U	1.03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	13.2	1 U	5 U		46.7		0.5 U	22	0.5 U	0.5 U
CM-MW-05i	IN		90	2003Q4	11/11/03	9:25	0.5 U	0.86	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 U	0.5 U	0.5 U	5 U	4.34	1 U	5 U		22.9		0.5 U	15.4	0.5 U	0.5 U
CM-MW-05i	IN		90	2004Q1	01/27/04	11:25	0.5 U	0.76	0.5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	10.1	1 U	5 U		33.7		0.5 U	17.6	0.5 U	0.5 U
CM-MW-05i	IN		90	2004Q2	05/05/04	12:10	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	8.48	1 U	5 U	1 U	21.2	1 U	1 U	16.2	1 U	1 UJ
CM-MW-05i	IN		90	2004Q3	08/16/04	14:30	0.5 U	1.06	0.5 U	0.86	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.96	1 U	5 U		28.5		0.5 U	20.3	0.5 U	0.5 U
CM-MW-05i	IN		90	2004Q4	11/15/04	11:15	0.5 U	0.83	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.75	1 U	5 U		23.9		0.5 U	17.1	0.5 U	0.5 U
CM-MW-05i	IN		90	2005Q1	02/02/05	9:55	0.5 U	0.74	0.5 U	0.79	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	8.82	1 U	5 U		24.5		0.5 U	16.1	0.5 U	0.5 U
CM-MW-05i	IN		90	2005Q2	05/20/05	12:41	0.5 U	0.87	0.5 U	0.95	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.78	1 U	5 U		25.2		0.5 U	16.9	0.5 U	0.5 U
CM-MW-05i	IN		90	2005Q3	08/16/05	16:07	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	3.21	1 U	1 U		18		1 U	9.74	1 U	1 U
CM-MW-05i	IN		90	2005Q4	11/15/05	12:08	0.5 U	1.53	0.5 U	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.13	1 U	5 U		29		0.5 U	35.2	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-05i	IN		90	2006Q2	06/01/06	11:15	0.5 U	0.69	0.5 U	0.99	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.9	1 U	5 U		24.1	0.5 U	0.5 U	19.2	0.5 U	0.5 U
CM-MW-05i	IN		90	2006Q3	09/08/06	16:50	0.5 U	1.18	0.5 U	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.41	1 U	5 U		12.4	0.5 U	0.5 U	9.36	0.5 U	0.5 U
CM-MW-05i	IN		90	2007Q1	02/12/07	17:45	0.5 U	0.71	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.21	1 U	5 U		13.1	0.5 U	0.5 U	13.6	0.5 U	0.5 U
CM-MW-05i	IN		90	2007Q3	09/17/07	12:00	0.5 U	0.76	0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.18	1 U	5 U		11.2	0.5 U	0.5 U	9.73	0.5 U	0.5 U
CM-MW-05i	IN		90	2008Q1	03/05/08	16:00	0.5 U	0.53	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.46	1 U	5 U		11.2	0.5 U	0.5 U	14.9	0.5 U	0.5 U
CM-MW-05i	IN		90	2008Q3	09/18/08	16:35	0.5 U	0.5 U	0.5 U	0.56	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	5.2	0.5 U	2 U		11	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-05i	IN		90	2009Q1	03/31/09	11:20	0.5 U	0.5 U	0.5 U	0.73	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	7.6	0.5 U	2 U		12	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-05i	IN		90	2009Q2	06/15/09	13:20	0.5 U	0.5 U	0.5 U	0.81	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	9.6	0.5 U	2 U		15	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-05i	IN		90	2009Q3	09/17/09	13:38	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	0.5 U	0.5 U	0.5 U	2	0.5 U	2 U		5.4	0.5 U	0.5 U	5.6	0.5 U	0.5 U
CM-MW-05i	IN	DP	90	2009Q4	12/15/09	12:50	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	0.5 U	0.5 U	0.5 U	2.4	0.5 U	2 U		5.4	0.5 U	0.5 U	3.7	0.5 U	0.5 U
CM-MW-05i	IN		90	2010Q1	03/22/10	11:32	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	0.5 U	0.5 U	0.5 U	0.82	0.5 U	2 U		2.8	0.5 U	0.5 U	7.2	0.5 U	0.5 U
CM-MW-05i	IN		90	2010Q3	09/28/10	12:53	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	0.5 U	0.53	0.5 U	1.3	0.5 U	2 U		4.7	0.5 U	0.5 U	8.2	0.5 U	0.5 U
CM-MW-05i	IN		90	2011Q1	03/21/11	14:33	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	0.5 U	0.5 U	0.5 U	0.51	0.5 U	2 U		2.3	0.5 U	0.5 U	3	0.5 U	0.5 U
CM-MW-05i	IN		90	2011Q3	09/14/11	15:51	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	1 U	0.5 U	0.5 U	5 U	1.52	1 U	5 U		3.37	0.5 U	0.5 U	4.78	0.5 U	0.5 U
CM-MW-05i	IN		90	2012Q1	03/27/12	10:00	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	1 U	0.5 U	0.5 U	5 U	2.2	1 U	5 U		3.7	0.5 U	0.5 U	3.8	0.5 U	0.5 U
CM-MW-05i	IN		90	2012Q3	09/06/12	12:20	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	0.5 U	0.5 U	0.5 U	2.2	0.5 U	1 U		3.8	0.5 U	0.5 U	4.6	0.5 U	0.5 U
CM-MW-05i	IN	DP	90	2013Q1	03/13/13	14:23	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	1 U	0.5 U	0.5 U	5 U	0.56	1 U	5 U		3.3	0.5 U	0.5 U	4.8	0.5 U	0.5 U
CM-MW-05i	IN	D	90	2013Q1	03/13/13	14:23	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	1 U	0.5 U	0.5 U	5 U	0.64	1 U	5 U		3.2	0.5 U	0.5 U	4.8	0.5 U	0.5 U
CM-MW-05i	IN		90	2013Q3	09/25/13	14:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.7	1 U	5 U		3	0.5 U	0.5 U	5.9	0.5 U	0.5 U
CM-MW-05i	IN		90	2014Q1	03/26/14	11:41	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.8	1 U	5 U		5.2	0.5 U	0.5 U	4.5	0.5 U	0.5 U
CM-MW-05i	IN		90	2014Q3	09/04/14	14:34	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.49	0.5 U	0.5 U	1.76	1 U	0.5 U
CM-MW-05i	IN		90	2015Q1	03/11/15	12:09	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.38	1 U	5 U		2.12	0.5 U	0.5 U	1.34	1 U	0.5 U
CM-MW-05i	IN	DP	90	2015Q3	09/03/15	12:20	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.26	0.5 U	0.5 U	1.33	1 U	0.5 U
CM-MW-05i	IN	D	90	2015Q3	09/03/15	12:20	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.23	0.5 U	0.5 U	1.26	1 U	0.5 U
CM-MW-07i	IN		104	2002Q3	07/25/02	7:50	0.5 U	1.19	0.5 U	0.78	0.51	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.83	1 U	5 U		6.01		0.5 U	19.1	0.5 U	0.5 U
CM-MW-07i	IN		104	2002Q3	08/22/02	15:40	0.5 U	0.5 U	0.5 U	0.83	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	3.46	1 U	5 U		4.15		0.5 U	10.6	0.5 U	0.5 U
CM-MW-07i	IN		104	2002Q4	11/21/02	11:20	0.5 U	0.66	0.5 U	0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.21	1 U	5 U		4.23		0.5 U	12.3	0.5 U	0.5 U
CM-MW-07i	IN		104	2003Q1	02/03/03	18:05	0.5 U	0.67	0.5 U	0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.18	1 U	5 U		3.74		0.5 U	12.9	0.5 U	0.5 U
CM-MW-07i	IN		104	2003Q2	05/23/03	14:20	0.5 U	1.28	0.5 U	0.94	0.62	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.88	1 U	5 U		9.98		0.5 U	20.3	0.5 U	0.5 U
CM-MW-07i	IN		104	2003Q3	08/06/03	15:28	0.5 U	1.16	0.5 U	0.86	0.53	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.65	1 U	5 U		8.72		0.5 U	20.6	0.5 U	0.5 U
CM-MW-07i	IN		104	2004Q1	01/28/04	11:15	0.5 U	1.1	0.5 U	0.86	0.53	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.05	1 U	5 UJ		9.17		0.5 U	19.2	0.5 U	0.5 U
CM-MW-07i	IN		104	2004Q3	08/17/04	12:45	1 U	1.08	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	7.52	1 U	5 U	1 U	8.41	1 U	1 U	18.9	1 U	1 U
CM-MW-07i	IN		104	2004Q4	11/17/04	9:00	0.5 U	1.42 J	0.5 U	0.94	0.56	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.27	1 U	5 U		10.4		0.5 U	22.8	0.5 U	0.5 U
CM-MW-07i	IN	DP	104	2005Q1	02/01/05	11:00	0.5 U	1.18	0.5 U	0.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	7.06	1 U	5 U		13.7		0.5 U	22.5	0.5 U	0.5 U
CM-MW-07i	IN	D	104	2005Q1	02/01/05	11:00	0.5 U	1.23	0.5 U	0.76	0.54	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.98	1 U	5 U		13.5		0.5 U	22.8	0.5 U	0.5 U
CM-MW-07i	IN		104	2005Q2	06/06/05	13:15	0.5 U	1.22	0.5 U	0.69	0.55	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.71	1 U	5 U		17.8		0.5 U	22.9	0.5 U	0.5 U
CM-MW-07i	IN		104	2005Q3	08/24/05		1 U	1.18	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	6.48	1 U	1 U		17.4		1 U	22.9	1 U	1 U
CM-MW-07i	IN		104	2005Q4	11/14/05	14:05	0.5 U	1.04	0.5 U	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.23	1 U	5 U		15.4		0.5 U	20.4	0.5 U	0.5 U
CM-MW-07i	IN		104	2006Q3	09/08/06	12:42	0.5 U	1.57	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.25	1 U	5 U		10.8	0.5 U	0.5 U	18.8	0.5 U	0.5 U
CM-MW-07i	IN		104	2007Q1	02/16/07	11:50	0.5 U	1.67	0.5 U	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.8	1 U	5 U		7.72	0.5 U	0.5 U	15.1	0.5 U	0.5 U
CM-MW-07i	IN		104	2007Q3	09/12/07	15:49	1 U	1.57 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	3.11 J	1 U	5 U	1 U	10.3 J	1 U	1 U	21.4 J	1 U	1 U
CM-MW-07i	IN		104	2007Q4	12/12/07	15:20	0.5 UJ	1.14 J	0.5 UJ	0.5 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	3.03 J	1 UJ	5 UJ		9.54 J	0.5 UJ	0.5 UJ	18.2 J	0.5 UJ	0.5 UJ
CM-MW-07i	IN		104	2008Q1	03/06/08	12:05	0.5 U	2.13	0.5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.32	1 U	0.5 U	0.5 U	5 U	2.21	1 U	5 U		8.52	0.5 U	0.5 U	18.8	0.5 U	0.5 U
CM-MW-07i	IN		104	2008Q3	09/18/08	10:14	0.5 U	1.4	0.5 U	0.6	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	3	0.5 U	2 U		9.9	0.5 U	0.5 U	21	0.5 U	0.5 U
CM-MW-07i	IN		104	2009Q1	03/30/09	11:25	0.5 U	1.9	0.5 U	0.71	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	2.2	0.5 U	2 U		7.9	0.5 U	0.5 U	20	0.5 U	0.5 U
CM-MW-07i	IN		104	2009Q2	06/16/09	12:50	0.5 U	1.4	0.5 U	0.58	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	3.4	0.5 U	2 U		11	0.5 U	0.5 U	24	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-07i	IN		104	2009Q3	09/14/09	15:30	0.5 U	0.88	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	0.5 U	3.2	0.5 U	2 U		10	0.5 U	0.5 U	20	0.5 U	0.5 U
CM-MW-07i	IN		104	2009Q4	12/16/09	11:00	0.5 U	1.1	0.5 U	0.5	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	0.5 U	3	0.5 U	2 U		9.7	0.5 U	0.5 U	20	0.5 U	0.5 U
CM-MW-07i	IN		104	2010Q1	03/15/10	14:00	0.5 U	0.61	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	0.5 U	3.1	0.5 U	2 U		9.2	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-07i	IN		104	2010Q3	09/23/10	15:43	0.5 U	0.63	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	0.5 U	2.8	0.5 U	2 U		7.2	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-07i	IN		104	2011Q1	03/21/11	11:14	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	0.5 U	0.5 U	0.5 U	1.7	0.5 U	2 U		5.7	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-07i	IN		104	2011Q3	09/12/11	15:36	0.5 U	0.51	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	1 U	0.5 U	0.5 U	5 U	1.73	1 U	5 U		4.92	0.5 U	0.5 U	9.26	0.5 U	0.5 U
CM-MW-07i	IN		104	2012Q1	03/27/12	13:13	0.5 U	0.5 J	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	1 U	0.5 U	0.5 U	5 U	1.3	1 U	5 U		4.7	0.5 U	0.5 U	9.2	0.5 U	0.5 U
CM-MW-07i	IN		104	2012Q3	09/05/12	14:35	0.5 U	0.5	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	0.5 U	0.5 U	0.5 U	1.4	0.5 U	1 U		4.4	0.5 U	0.5 U	8.7	0.5 U	0.5 U
CM-MW-07i	IN		104	2013Q1	03/11/13	11:17	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	1 U	0.5 U	0.5 U	5 U	1.1	1 U	5 U		5	0.5 U	0.5 U	8.3	0.5 U	0.5 U
CM-MW-07i	IN		104	2013Q3	09/26/13	15:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.83	1 U	5 U		3.9	0.5 U	0.5 U	5.9	0.5 U	0.5 U
CM-MW-07i	IN		104	2014Q1	03/25/14	9:45	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.1	1 U	5 U		4.6	0.5 U	0.5 U	7.2	0.5 U	0.5 U
CM-MW-07i	IN	DP	104	2014Q3	09/04/14	12:23	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.66	1 U	5 U		2.58	0.5 U	0.5 U	4.22	1 U	0.5 U
CM-MW-07i	IN	D	104	2014Q3	09/04/14	12:23	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.67	1 U	5 U		2.51	0.5 U	0.5 U	4.18	1 U	0.5 U
CM-MW-07i	IN		104	2015Q1	03/10/15	15:04	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.76	1 U	5 U		3.74	0.5 U	0.5 U	6.17	1 U	0.5 U
CM-MW-07i	IN		104	2015Q3	09/23/15	15:30	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.78	1 U	5 U		2.87	0.5 U	0.5 U	5.02	1 U	0.5 U
CM-MW-15s	IN		52	2002Q3	08/23/02	13:10	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	1 U	0.5 U	12.2	5 U	3.96	1 U	5 U		4.45		0.5 U	6.51	0.5 U	0.5 U
CM-MW-15s	IN		52	2002Q4	11/22/02	12:00	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	1 U	0.5 U	9.8	5 U	2.11	1 U	5 U		3.46		0.5 U	5.49	0.5 U	0.5 U
CM-MW-15s	IN		52	2003Q1	02/05/03	16:00	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	1 U	0.5 U	11.2	5 U	3.74	1 U	5 U		4.86		0.5 U	7.26	0.5 U	0.5 U
CM-MW-15s	IN		52	2003Q2	05/26/03	13:20	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	1 U	0.5 U	11.4	5 U	0.87	1 U	5 U		2.24		0.5 U	2.15	0.5 U	0.5 U
CM-MW-15s	IN		52	2003Q3	08/08/03	11:50	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	1 U	0.5 U	5.36	5 U	0.5 U	1 U	5 U		1.4		0.5 U	1.78	0.5 U	0.5 U
CM-MW-15s	IN		52	2003Q4	11/13/03	10:25	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	1 U	0.5 U	3.53	5 U	0.5 U	1 U	5 U		1.31		0.5 U	1.44	0.5 U	0.5 U
CM-MW-15s	IN		52	2004Q1	01/30/04	13:40	0.5 U	0.5 UJ	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 U	0.5 U	5.49	5 U	0.75	1 U	5 UJ		1.87		0.5 U	2.14	0.5 U	0.5 U
CM-MW-15s	IN	DP	52	2004Q2	05/05/04	15:15	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.28	5 U	1 U	1 U	5 U	1 U	1.15	1 U	1 U	2.39	1 U	1 UJ
CM-MW-15s	IN	D	52	2004Q2	05/05/04	15:15	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.17	5 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	2.17	1 U	1 UJ
CM-MW-15s	IN	DP	52	2004Q3	08/18/04	10:15	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	1 UJ	0.5 U	2.33	5 U	0.5 U	1 U	5 U		2.5		0.5 U	19.9	0.5 U	0.5 U
CM-MW-15s	IN	D	52	2004Q3	08/18/04	10:15	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	1 UJ	0.5 U	2.34	5 U	0.5 U	1 U	5 U		2.51		0.5 U	20.5	0.5 U	0.5 U
CM-MW-15s	IN		52	2004Q4	11/16/04	14:40	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	1 U	0.5 U	2.07	5 U	0.5 U	1 U	5 U		3.34		0.5 U	23.5	0.5 U	0.5 U
CM-MW-15s	IN		52	2005Q1	02/01/05	12:22	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	1 UJ	0.5 U	2.78	5 U	0.73	1 U	5 U		4.02		0.5 U	24.1	0.5 U	0.5 U
CM-MW-15s	IN		52	2005Q2	05/17/05	13:45	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	1 U	0.5 U	2.3	5 U	0.62	1 U	5 U		4.35		0.5 U	24.5	0.5 U	0.5 U
CM-MW-15s	IN		52	2005Q3	08/19/05	8:35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1.67	1 U	1 U	1 U	1 U		5.57		1 U	33.1	1 U	1 U
CM-MW-15s	IN		52	2005Q4	11/15/05	9:55	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	1 U	0.5 U	1.96	5 U	0.75	1 U	5 U		7.7		0.5 U	46.6	0.5 U	0.5 U
CM-MW-15s	IN		52	2006Q2	06/07/06	17:35	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	1 U	0.5 U	2.69	5 U	0.62	1 U	5 U		5.84	0.5 U	0.5 U	24.5	0.5 U	0.5 U
CM-MW-15s	IN	DP	52	2006Q3	09/09/06	13:52	0.5 U	0.6	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	1 U	0.5 U	1.45	5 U	1	1 U	5 U		12	0.5 U	0.5 U	53.6	0.5 U	0.5 U
CM-MW-15s	IN	D	52	2006Q3	09/09/06	13:52	0.5 U	0.63	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	1 U	0.5 U	1.61	5 U	1.09	1 U	5 U		12.9	0.5 U	0.5 U	57.3	0.5 U	0.5 U
CM-MW-15s	IN		52	2007Q1	02/13/07	9:47	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	1 U	0.5 U	0.61	5 U	0.5 U	1 U	5 U		4.83	0.5 U	0.5 U	19.1	0.5 U	0.5 U
CM-MW-15s	IN		52	2007Q2	05/24/07	10:42	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	1 U	0.5 U	1.53 UB	5 U	0.82	1 U	5 U		8.24	0.5 U	0.5 U	31.1	0.5 U	0.5 U
CM-MW-15s	IN		52	2007Q3	09/13/07	19:31	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	5.63	1 U	1 U	23.4	1 U	1 U
CM-MW-15s	IN		52	2008Q1	02/28/08	11:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.9	1 U	0.5 U	12.8	0.5 U	0.5 U
CM-MW-15s	IN		52	2008Q3	09/19/08	12:14	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	0.73	0.5 U	0.5 U	0.5 U	2 U	2 U	3.4	0.5 U	0.5 U	14	0.5 U	
CM-MW-15s	IN		52	2009Q1	04/01/09	13:10	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	0.5 U	0.57	0.5 U	0.5 U	0.5 U	2 U		2.5	0.5 U	0.5 U	7.4	0.5 U	0.5 U
CM-MW-15s	IN		52	2009Q3	09/18/09	9:25	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	0.5 U	0.98	0.5 U	0.99	0.5 U	2 U		4.8	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-15s	IN		52	2010Q1	03/18/10	15:50	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.2	0.5 U	0.5 U	3.9	0.5 U	0.5 U
CM-MW-15s	IN		52	2010Q3	09/28/10	17:00	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.68	0.5 U	0.5 U	3.7	0.5 U	0.5 U
CM-MW-15s	IN		52	2011Q1	03/22/11	18:06	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.3	0.5 U	0.5 U	0.95	0.5 U	0.5 U
CM-MW-15s	IN		52	2011Q3	09/19/11	17:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.72	0.5 U	0.5 U	0.66	0.5 U	0.5 U
CM-MW-15s	IN		52	2012Q1	03/28/12	10:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	0.92 J	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-15s	IN		52	2012Q3	09/11/12	11:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.7	0.5 U	0.5 U	0.67	0.5 U	0.5 U
CM-MW-15s	IN		52	2013Q1	03/18/13	11:27	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-15s	IN		52	2013Q3	09/26/13	13:40	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-15s	IN		52	2014Q1	03/28/14	13:17	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-15s	IN		52	2014Q3	09/12/14	12:19	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-15s	IN		52	2015Q1	03/20/15	15:28	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.55	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-15s	IN		52	2015Q3	09/25/15	11:35	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-17i	IN		90	2002Q3	07/18/02	15:15	0.5 U	1.29	0.5 U	1.15	0.58	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	14.3	1 U	5 U		53.2		0.5 U	23.8	0.5 U	0.5 U
CM-MW-17i	IN		90	2002Q3	08/23/02	14:05	0.5 U	0.88	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.5	1 U	5 U		30		0.5 U	18	0.5 U	0.5 U
CM-MW-17i	IN		90	2002Q4	11/19/02	14:45	0.5 U	0.81	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 U	0.5 U	0.9	5 U	5.25	1 U	5 U		21.8		0.5 U	15.8	0.5 U	0.5 U
CM-MW-17i	IN		90	2003Q1	02/06/03	12:00	0.5 U	0.81	0.5 U	0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	10.3	1 U	5 U		40.8		0.5 U	19.3	0.5 U	0.5 U
CM-MW-17i	IN		90	2003Q2	05/27/03	10:45	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	1 U	0.5 U	0.5 U	5 U	1.39	1 U	5 U		5.6		0.5 U	5.6	0.5 U	0.5 U
CM-MW-17i	IN		90	2003Q3	08/08/03	18:15	0.5 U	1.45	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 U	0.5 U	0.59	5 U	1.45	1 U	5 U		6.72		0.5 U	29.1	0.5 U	0.5 U
CM-MW-17i	IN	DP	90	2004Q1	01/30/04	11:20	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	1 U	0.5 U	0.5 U	5 U	4.19	1 U	5 UJ		15.2		0.5 U	9.65	0.5 U	0.5 U
CM-MW-17i	IN	D	90	2004Q1	01/30/04	11:20	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	1 U	0.5 U	0.5 U	5 U	4.11	1 U	5 U		15.6		0.5 U	9.86	0.5 U	0.5 U
CM-MW-17i	IN		90	2004Q3	08/20/04	14:30	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	1.87	1 U	5 U		7.1		0.5 U	16.4	0.5 U	0.5 U
CM-MW-17i	IN		90	2004Q4	11/18/04	13:05	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	1 U	0.5 U	0.5 U	5 UJ	3.44	1 U	5 U		9.96		0.5 U	8.52	0.5 U	0.5 U
CM-MW-17i	IN		90	2005Q1	02/03/05	12:13	0.5 U	0.5	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.54	1 U	5 U		18.4		0.5 U	13.1	0.5 U	0.5 U
CM-MW-17i	IN		90	2005Q2	06/09/05	12:40	0.5 U	0.6	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.23	1 U	5 U		24.6		0.5 U	15.4	0.5 U	0.5 U
CM-MW-17i	IN		90	2005Q3	07/15/05	10:45	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	1 U	0.5 U	0.5 U	5 U	3.89	1 U	5 U		11.4		0.5 U	10.9	0.5 U	0.5 U
CM-MW-17i	IN		90	2005Q3	08/23/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	2.32	1 U	1 U		7.79		1 U	10.1	1 U	1 U
CM-MW-17i	IN	ASC	90	2005Q3	09/21/05	11:55	0.5 U	0.65	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 U	0.5 U	0.5 U	5 U	1.93	1 U	5 U		7.57		0.5 U	16.4	0.5 U	0.5 U
CM-MW-17i	IN		90	2005Q3	09/21/05	11:50	0.5 U	0.62	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 U	0.5 U	0.5 U	5 U	1.97	1 U	5 U		7.61		0.5 U	16.3	0.5 U	0.5 U
CM-MW-17i	IN	DP	90	2007Q3	09/14/07	14:37	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1.49 J	1 U	5 U	1 U	5.87 J	1 U	1 U	14.9 J	1 U	1 U
CM-MW-17i	IN	D	90	2007Q3	09/14/07	14:37	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1.6 J	1 U	5 U	1 U	6.23 J	1 U	1 U	15.4 J	1 U	1 U
CM-MW-17i	IN		90	2008Q1	02/29/08	13:28	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	1 U	0.5 U	0.5 U	5 U	1.95	1 U	5 U		5.41	0.5 U	0.5 U	6.82	0.5 U	0.5 U
CM-MW-17i	IN		90	2008Q3	09/19/08	10:44	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	0.5 U	0.5 U	3.4	0.5 U	2 U	2 U	8.9	0.5 U	0.5 U	10	0.5 U	
CM-MW-17i	IN		90	2009Q1	04/02/09	12:40	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	0.5 U	0.5 U	0.5 U	2.9	0.5 U	2 U		7.8	0.5 U	0.5 U	5.3	0.5 U	0.5 U
CM-MW-17i	IN		90	2009Q2	06/22/09	14:20	0.5 U	0.5 U	0.5 U	0.66	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	9.8	0.5 U	2 U		17	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-17i	IN		90	2009Q3	09/22/09	13:35	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	0.5 U	0.5 U	0.5 U	1.9	0.5 U	2 U		4.9	0.5 U	0.5 U	3.2	0.5 U	0.5 U
CM-MW-17i	IN		90	2009Q4	12/17/09	12:05	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	0.5 U	0.5 U	0.5 U	1.1	0.5 U	2 U		3.5	0.5 U	0.5 U	2.1	0.5 U	0.5 U
CM-MW-17i	IN		90	2010Q1	03/19/10	10:42	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	0.5 U	0.5 U	0.5 U	0.66	0.5 U	2 U		2.7	0.5 U	0.5 U	3.8	0.5 U	0.5 U
CM-MW-17i	IN		90	2010Q3	09/24/10	12:11	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.9	0.5 U	0.5 U	3.6	0.5 U	0.5 U
CM-MW-17i	IN		90	2011Q1	03/18/11	13:38	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.9	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-MW-17i	IN		90	2011Q3	09/16/11	9:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.57	0.5 U	0.5 U	2.41	0.5 U	0.5 U
CM-MW-17i	IN		90	2012Q1	03/23/12	10:40	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	1 U	0.5 U	0.5 U	5 U	0.66 J	1 U	5 U		2	0.5 U	0.5 U	1.1	0.5 U	0.5 U
CM-MW-17i	IN		90	2012Q3	09/07/12	10:12	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.5	0.5 U	0.5 U	2.2	0.5 U	0.5 U
CM-MW-17i	IN		90	2013Q1	03/15/13	14:28	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	2.3	0.5 U	0.5 U
CM-MW-17i	IN		90	2013Q3	09/20/13	12:25	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	1.1	0.5 U	0.5 U
CM-MW-17i	IN		90	2014Q1	03/28/14	9:46	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.4	0.5 U	0.5 U	0.8	0.5 U	0.5 U
CM-MW-17i	IN		90	2014Q3	09/05/14	9:23	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.49	0.5 U	0.5 U	1.86	1 U	0.5 U
CM-MW-17i	IN		90	2015Q1	03/06/15	9:41	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.96	0.5 U	0.5 U	0.96	1 U	0.5 U
CM-MW-17i	IN		90	2015Q3	09/04/15	9:58	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.84	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-18i	IN		93	2002Q3	07/19/02	15:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.85	0.5 U	0.5 U
CM-MW-18i	IN		93	2002Q3	08/23/02	12:20	0.5 U	0.62	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	2.81	0.5 U	0.5 U
CM-MW-18i	IN		93	2002Q4	11/22/02	16:00	0.5 U	0.54	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	2.58	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-18i	IN		93	2003Q1	02/05/03	10:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.36	0.5 U	0.5 U
CM-MW-18i	IN	DP	93	2003Q2	05/20/03	14:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	2	0.5 U	0.5 U
CM-MW-18i	IN	D	93	2003Q2	05/20/03	14:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	2.02	0.5 U	0.5 U
CM-MW-18i	IN		93	2004Q1	01/27/04	14:30	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	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		0.5 U		0.5 U	1.96	0.5 U	0.5 U
CM-MW-18i	IN		93	2004Q3	08/23/04	13:30	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	2.77	1 U	1 U
CM-MW-18i	IN		93	2004Q4	11/18/04	11:52	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.49	0.5 U	0.5 U
CM-MW-18i	IN		93	2005Q1	02/03/05	10:35	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	2.74 J	0.5 U	0.5 U
CM-MW-18i	IN		93	2007Q1	02/13/07	14:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	6.76	0.5 U	0.5 U
CM-MW-18i	IN		93	2007Q4	12/11/07	12:42	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	3.23	0.5 U	0.5 U
CM-MW-18i	IN		93	2008Q1	03/04/08	11:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	6.23	0.5 U	0.5 U
CM-MW-18i	IN		93	2009Q1	03/25/09	10:35	0.5 U	0.55	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	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	7.7	0.5 U	0.5 U
CM-MW-18i	IN		93	2009Q2	06/15/09	13:58	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	2.7	0.5 U	0.5 U
CM-MW-18i	IN		93	2009Q3	09/15/09	15:12	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	8.7	0.5 U	0.5 U
CM-MW-18i	IN		93	2010Q1	03/16/10	12:00	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	9.5	0.5 U	0.5 U
CM-MW-18i	IN		93	2010Q3	09/20/10	14:27	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	9.9	0.5 U	0.5 U
CM-MW-18i	IN		93	2011Q1	03/16/11	10:13	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	9.9	0.5 U	0.5 U
CM-MW-18i	IN		93	2011Q3	09/14/11	13:33	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	5.84	0.5 U	0.5 U
CM-MW-18i	IN		93	2012Q1	03/21/12	12:37	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	7.1	0.5 U	0.5 U
CM-MW-18i	IN		93	2012Q3	09/04/12	15:52	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		0.5 U	0.5 U	0.5 U	6.9	0.5 U	0.5 U
CM-MW-18i	IN	DP	93	2013Q1	03/11/13	16:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	7.6	0.5 U	0.5 U
CM-MW-18i	IN	D	93	2013Q1	03/11/13	16:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	6.1	0.5 U	0.5 U
CM-MW-18i	IN		93	2013Q3	09/23/13	14:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	5.6	0.5 U	0.5 U
CM-MW-18i	IN		93	2014Q1	03/24/14	12:35	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4	0.5 U	0.5 U
CM-MW-18i	IN		93	2014Q3	09/03/14	12:08	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	5.02	1 U	0.5 U
CM-MW-18i	IN		93	2015Q1	03/09/15	14:40	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	3.67	1 U	0.5 U
CM-MW-18i	IN		93	2015Q3	09/02/15	13:14	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4.35	1 U	0.5 U
CM-MW-19i	IN		89	2002Q3	07/19/02	13:55	0.5 U	1.19	0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.56	5 U	8.4	1 U	5 U		19.8		0.5 U	19.3	0.5 U	0.5 U
CM-MW-19i	IN		89	2002Q3	08/22/02	9:15	0.5 U	1.22	0.5 U	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.1	1 U	5 U		24.4		0.5 U	21.1	0.5 U	0.5 U
CM-MW-19i	IN		89	2002Q4	11/20/02	15:45	0.5 U	0.94	0.5 U	0.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.55	1 U	5 U		22.7		0.5 U	22.2	0.5 U	0.5 U
CM-MW-19i	IN		89	2003Q1	02/05/03	11:50	0.5 U	0.96	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.05	1 U	5 U		33.5		0.5 U	22.2	0.5 U	0.5 U
CM-MW-19i	IN		89	2003Q2	05/22/03	16:55	0.5 U	0.92	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 U	0.5 U	0.5 U	5 U	5.1	1 U	5 U		21.8		0.5 U	18.1	0.5 U	0.5 U
CM-MW-19i	IN	DP	89	2003Q3	08/07/03	11:15	0.5 U	0.61	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 U	0.5 U	0.5 U	5 U	2.3	1 U	5 U		10.7		0.5 U	11.8	0.5 U	0.5 U
CM-MW-19i	IN	D	89	2003Q3	08/07/03	11:15	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	1 U	0.5 U	0.5 U	5 U	2.26	1 U	5 U		10.7		0.5 U	12	0.5 U	0.5 U
CM-MW-19i	IN	DP	89	2003Q4	11/10/03	13:10	0.5 U	0.65	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 U	0.5 U	0.5 U	5 U	2.88	1 U	5 U		13.1		0.5 U	12.4	0.5 U	0.5 U
CM-MW-19i	IN	D	89	2003Q4	11/10/03	13:10	0.5 U	0.68	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 U	0.5 U	0.5 U	5 U	2.66	1 U	5 U		13.1		0.5 U	12.1	0.5 U	0.5 U
CM-MW-19i	IN		89	2004Q1	01/28/04	13:40	0.5 U	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	1 U	0.5 U	0.5 U	5 U	3.01	1 U	5 UJ		14.8		0.5 U	18.4	0.5 U	0.5 U
CM-MW-19i	IN		89	2004Q2	05/03/04	11:50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1.42	1 U	5 U	1 U	7.27	1 U	1 U	8.51	1 U	1 U
CM-MW-19i	IN		89	2004Q3	08/24/04	9:30	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1.95	1 U	5 U	1 U	8.75	1 U	1 U	10.6	1 U	1 U
CM-MW-19i	IN		89	2004Q4	11/16/04	9:10	0.5 U	0.96	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 U	0.5 U	0.5 U	5 U	2.66	1 U	5 U		10.2		0.5 U	17.4	0.5 U	0.5 U
CM-MW-19i	IN	DP	89	2005Q1	02/02/05	12:05	0.5 U	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	1 U	0.5 U	0.5 U	5 UJ	2.95	1 U	5 U		11.9		0.5 U	19.1	0.5 U	0.5 U
CM-MW-19i	IN	D	89	2005Q1	02/02/05	12:05	0.5 U	0.99	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 U	0.5 U	0.5 U	5 U	3.08	1 U	5 U		12.4		0.5 U	19.3	0.5 U	0.5 U
CM-MW-19i	IN	DP	89	2005Q3	08/15/05	11:50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1.46	1 U	1 U		7.11		1 U	12.6	1 U	1 U
CM-MW-19i	IN	D	89	2005Q3	08/15/05	11:50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1.52	1 U	1 U		6.41		1 U	12.2	1 U	1 U
CM-MW-19i	IN	DP	89	2006Q3	09/11/06	12:38	0.5 U	0.55	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	1 U	0.5 U	0.5 U	5 U	1.7	1 U	5 U		6.78	0.5 U	0.5 U	10.3	0.5 U	0.5 U
CM-MW-19i	IN	D	89	2006Q3	09/11/06	12:38	0.5 U	0.55	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	1 U	0.5 U	0.5 U	5 U	1.77	1 U	5 U		6.93	0.5 U	0.5 U	10.4	0.5 U	0.5 U
CM-MW-19i	IN		89	2007Q1	02/14/07	11:33	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	1 U	0.5 U	0.5 U	5 U	1.06	1 U	5 U		3.36	0.5 U	0.5 U	8.39	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-19i	IN		89	2007Q3	09/17/07	15:19	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	1 U	0.5 U	0.5 U	5 U	0.97	1 U	5 U		3.04	0.5 U	0.5 U	7.26	0.5 U	0.5 U
CM-MW-19i	IN		89	2008Q1	03/04/08	14:25	0.5 U	0.5	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	1 U	0.5 U	0.5 U	5 U	1.01	1 U	5 U		3.69	0.5 U	0.5 U	10.2	0.5 U	0.5 U
CM-MW-19i	IN		89	2008Q3	09/16/08	11:43	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	0.5 U	0.5 U	0.5 U	2.7	0.5 U	2 U		6.9	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-19i	IN		89	2009Q1	03/27/09	13:15	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	0.5 U	0.5 U	0.5 U	4.2	0.5 U	2 U		9	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-19i	IN		89	2009Q2	06/16/09	14:30	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	0.5 U	0.5 U	0.5 U	5.8	0.5 U	2 U		9.9	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-19i	IN		89	2009Q3	09/17/09	10:25	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	0.5 U	0.5 U	0.5 U	2.1	0.5 U	2 U		5.5	0.5 U	0.5 U	8.6	0.5 U	0.5 U
CM-MW-19i	IN		89	2010Q1	03/16/10	13:45	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	0.5 U	0.5 U	0.5 U	0.54	0.5 U	2 U		2.7	0.5 U	0.5 U	6.9	0.5 U	0.5 U
CM-MW-19i	IN		89	2010Q3	09/23/10	14:01	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.5	0.5 U	0.5 U	5.6	0.5 U	0.5 U
CM-MW-19i	IN		89	2011Q1	03/16/11	17:31	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	0.5 U	0.5 U	0.5 U	0.5	0.5 U	2 U		2.1	0.5 U	0.5 U	5.1	0.5 U	0.5 U
CM-MW-19i	IN		89	2011Q3	09/13/11	10:23	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	1 U	0.5 U	0.5 U	5 U	1.11	1 U	5 U		1.83	0.5 U	0.5 U	2.76	0.5 U	0.5 U
CM-MW-19i	IN		89	2012Q1	03/21/12	14:41	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	1 U	0.5 U	0.5 U	5 U	0.69 J	1 U	5 U		1.9	0.5 U	0.5 U	3.6	0.5 U	0.5 U
CM-MW-19i	IN		89	2012Q3	09/05/12	13:08	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	0.5 U	0.53	0.5 U	0.5 U	0.5 U	1 U		1.5	0.5 U	0.5 U	2.4	0.5 U	0.5 U
CM-MW-19i	IN		89	2013Q1	03/12/13	16:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	2	0.5 U	0.5 U
CM-MW-19i	IN		89	2013Q3	09/24/13	11:30	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	0.2 U	0.5 U	1 U	0.5 U	0.66	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	2	0.5 U	0.5 U
CM-MW-19i	IN		89	2014Q1	03/24/14	14:55	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.4	0.5 U	0.5 U	3.1	0.5 U	0.5 U
CM-MW-19i	IN		89	2014Q3	09/03/14	15:12	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.51	0.5 U	0.5 U	0.84	1 U	0.5 U
CM-MW-19i	IN		89	2015Q1	03/18/15	15:26	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	0.25 U	0.5 U	1 U	0.5 U	0.5 J	5 U	0.5 U	1 U	5 U		0.79	0.5 U	0.5 U	1.81	1 U	0.5 U
CM-MW-19i	IN		89	2015Q3	09/02/15	17:13	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	0.25 U	0.5 U	1 U	0.5 U	0.57 J	5 U	0.5 U	1 U	5 U		0.64	0.5 U	0.5 U	1.41	1 U	0.5 U
CM-MW-20i	IN		94	2002Q3	07/24/02	14:45	0.5 U	1.22	0.5 U	1.42	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.08	1 U	5 U		1.34		0.5 U	1.69	0.5 U	0.5 U
CM-MW-20i	IN		94	2002Q3	08/22/02	12:20	0.5 U	0.6	0.5 U	1.49	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.94	1 U	5 U		0.84		0.5 U	1.23	0.5 U	0.5 U
CM-MW-20i	IN		94	2002Q4	11/22/02	17:35	0.5 U	0.56	0.5 U	1.26	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.29	1 U	5 U		0.68		0.5 U	1.04	0.5 U	0.5 U
CM-MW-20i	IN		94	2003Q1	02/05/03	14:05	0.5 U	1.02	0.5 U	1.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.89	1 U	5 U		0.5 U		0.5 U	0.51	0.5 U	0.5 U
CM-MW-20i	IN		94	2003Q2	05/26/03	12:10	0.5 U	1.29	0.5 U	2.3	0.56	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.26	1 U	5 U		0.5 U		0.5 U	0.67	0.5 U	0.5 U
CM-MW-20i	IN		94	2003Q3	08/11/03	14:30	0.5 U	1.06	0.5 U	1.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.71	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-20i	IN		94	2003Q4	11/11/03	10:45	0.5 U	0.99	0.5 U	1.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.8	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-20i	IN		94	2004Q1	01/29/04	11:05	0.5 U	1.28	0.5 U	1.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.82	1 U	5 U		0.5		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-20i	IN		94	2004Q2	05/04/04	11:15	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	2.54	1 U	1 U	1 U	1 U
CM-MW-20i	IN	DP	94	2004Q3	08/17/04	14:15	0.5 U	1.05	0.5 U	1.63	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.72	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-20i	IN	D	94	2004Q3	08/17/04	14:15	0.5 U	1.12	0.5 U	1.63	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	0.73	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-20i	IN		94	2004Q4	11/17/04	11:20	0.5 U	1.54 J	0.5 U	2.7	0.73	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.63	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-20i	IN		94	2005Q1	02/04/05	13:40	0.5 U	1.58	0.5 U	2.67	0.92	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.86	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-20i	IN		94	2007Q1	02/13/07	10:23	0.5 U	3.3	0.5 U	5.06	3.26	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	20.5	1 U	5 U		0.5 U	0.5 U	0.5 U	2.6	0.5 U	0.5 U
CM-MW-20i	IN		94	2008Q1	03/06/08	15:40	1 U	1.78	1 U	3.32	1.68	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	13.2	2 U	10 U		1 U	1 U	1 U	3.7	1 U	1 U
CM-MW-20i	IN		94	2008Q4	12/09/08	15:30	0.5 U	2.4	0.5 U	3.4	2.6	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	20	0.5 U	2 U		0.5 U	0.65	0.5 U	12	0.5 U	0.5 U
CM-MW-20i	IN		94	2009Q1	04/06/09	10:55	0.5 U	2.3	0.5 U	2.9	2.2	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	19	0.5 U	2 U		0.5 U	0.5 U	0.5 U	17	0.5 U	0.5 U
CM-MW-20i	IN		94	2009Q2	06/16/09	12:02	0.5 U	2.4	0.5 U	2.8	2.4	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	21	0.5 U	2 U		0.5 U	0.5 U	0.5 U	22	0.5 U	0.5 U
CM-MW-20i	IN		94	2009Q3	09/21/09	10:25	0.5 U	1.2	0.5 U	1.6	1.2	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	18	0.5 U	2 U		8.2	0.5 U	0.5 U	31	0.5 U	0.5 U
CM-MW-20i	IN		94	2009Q4	12/17/09	10:50	0.5 U	1.7	0.5 U	1.6	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	18	0.5 U	2 U		33	0.5 U	0.5 U	48	0.5 U	0.5 U
CM-MW-20i	IN		94	2010Q1	03/23/10	15:25	0.5 U	2.1	0.5 U	1.1	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	0.5 U	10	0.5 U	2 U		43	0.5 U	0.5 U	73	0.5 U	0.5 U
CM-MW-20i	IN		94	2010Q2	06/17/10	16:16	0.5 U	1.7	0.5 U	0.83	0.62	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	7.3	0.5 U	2 U		42	0.5 U	0.5 U	67	0.5 U	0.5 U
CM-MW-20i	IN		94	2010Q3	09/28/10	15:43	0.5 U	1.7	0.5 U	0.94	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	7.4	0.5 U	2 U		38	0.5 U	0.5 U	57	0.5 U	0.5 U
CM-MW-20i	IN		94	2010Q4	12/09/10	14:03	0.5 U	1.1	0.5 U	0.85	0.62	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	6.8	0.5 U	2 U		33	0.5 U	0.5 U	41	0.5 U	0.5 U
CM-MW-20i	IN		94	2011Q1	03/21/11	16:42	0.5 U	0.89	0.5 U	1.1	0.66	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	0.5 U	2 U		30	0.5 U	0.5 U	40	0.5 U	0.5 U
CM-MW-20i	IN		94	2011Q2	06/08/11	14:30	0.5 U	1.1	0.5 U	1.1	0.72	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	9.9	0.5 U	2 U		39	0.5 U	0.5 U	41	0.5 U	0.5 U
CM-MW-20i	IN		94	2011Q3	09/19/11	13:26	0.5 U	0.74	0.5 U	0.84	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.58	1 U	5 U		19.8	0.5 U	0.5 U	23.7	0.5 U	0.5 U
CM-MW-20i	IN		94	2011Q4	12/07/11	14:15	0.5 U	0.63	0.5 U	0.97	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.84	1 U	5 U		22	0.5 U	0.5 U	24.4	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-20i	IN		94	2012Q1	03/26/12	14:57	0.5 U	0.5 U	0.5 U	0.77 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.6	1 U	5 U		19	0.5 U	0.5 U	20	0.5 U	0.5 U
CM-MW-20i	IN		94	2012Q2	06/20/12	9:35	0.5 U	0.5 U	0.5 U	0.65 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.5	1 U	5 U		27	0.5 U	0.5 U	23	0.5 U	0.5 U
CM-MW-20i	IN	DP	94	2012Q3	09/11/12	10:07	0.5 U	0.57	0.5 U	0.8	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.7	1 U	5 U		19	0.5 U	0.5 U	22	0.5 U	0.5 U
CM-MW-20i	IN	D	94	2012Q3	09/11/12	10:07	0.5 U	0.61	0.5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10	1 U	5 U		19	0.5 U	0.5 U	21	0.5 U	0.5 U
CM-MW-20i	IN		94	2013Q1	03/14/13	15:00	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	1 U	0.5 U	0.5 U	5 U	6.4	1 U	5 U		22	0.5 U	0.5 U	18	0.5 U	0.5 U
CM-MW-20i	IN		94	2013Q3	09/26/13	11:36	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.4	1 U	5 U		15	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-20i	IN	DP	94	2014Q1	03/28/14	14:14	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.1	1 U	5 U		11	0.5 U	0.5 U	8.4	0.5 U	0.5 U
CM-MW-20i	IN	D	94	2014Q1	03/28/14	14:14	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.2	1 U	5 U		11	0.5 U	0.5 U	8.6	0.5 U	0.5 U
CM-MW-20i	IN		94	2014Q3	09/08/14	15:55	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.45	1 U	5 U		6.2	0.5 U	0.5 U	5.09	1 U	0.5 U
CM-MW-20i	IN		94	2015Q1	03/20/15	15:00	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.93	1 U	5 U		9.52	0.5 U	0.5 U	7.5	1 U	0.5 U
CM-MW-20i	IN	DP	94	2015Q3	09/10/15	15:56	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.61	1 U	5 U		6.82	0.5 U	0.5 U	6.17	1 U	0.5 U
CM-MW-20i	IN	D	94	2015Q3	09/10/15	12:00	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.61	1 U	5 U		5.93	0.5 U	0.5 U	5.34	1 U	0.5 U
CM-MW-21i	IN		115	2002Q3	07/25/02	9:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.79	0.5 U	0.5 U
CM-MW-21i	IN		115	2002Q3	08/22/02	14:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21i	IN		115	2002Q4	11/20/02	9:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21i	IN		115	2003Q1	02/06/03	17:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21i	IN		115	2003Q2	05/20/03	10:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.77	0.5 U	0.5 U
CM-MW-21i	IN		115	2004Q1	01/29/04	11:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21i	IN		115	2004Q4	11/17/04	10:15	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	1 U	0.58 J	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21i	IN		115	2005Q1	02/01/05	9:23	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	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21i	IN		115	2007Q1	02/16/07	10:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21i	IN		115	2008Q1	03/06/08	14:30	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	1 U	2.2	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.72	0.5 U	0.5 U
CM-MW-21i	IN		115	2009Q1	04/06/09	12:15	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	0.5 U	0.5 U	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
CM-MW-21i	IN		115	2009Q3	09/22/09	11:05	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	0.5 U	0.5 U	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
CM-MW-21i	IN		115	2010Q1	03/23/10	14:23	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	0.5 U	0.5 U	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
CM-MW-21i	IN		115	2011Q1	03/16/11	13:42	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	0.5 U	0.5 U	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
CM-MW-21i	IN		115	2012Q1	03/29/12	15:51	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21i	IN		115	2014Q1	03/31/14	9:40	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-21i	IN	DP	115	2015Q1	03/17/15	10:45	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-21i	IN	D	115	2015Q1	03/17/15	10:45	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-22s	IN		40	2004Q1	01/30/04	15:15	0.5 U	1.56 J	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 U	0.5 U	1.31	5 U	1.63	1 U	5 UJ		19.6		0.5 U	62.9	0.5 U	0.5 U
CM-MW-22s	IN		40	2004Q2	05/05/04	9:00	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	2.99	1 U	1 U	13.7	1 U	1 U
CM-MW-22s	IN		40	2004Q3	08/18/04	13:45	0.5 U	2.83 J	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 UJ	0.5 U	0.5 U	5 U	1.29	1 U	5 U		181		0.5 U	181	0.5 U	0.5 U
CM-MW-22s	IN		40	2004Q4	10/26/04	8:40	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	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		46.3		0.5 U	50.1	0.5 U	0.5 U
CM-MW-22s	IN		40	2004Q4	11/17/04	13:30	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	1 U	0.5 U	0.5 U	5 U	0.5	1 U	5 U		39		0.5 U	32.8	0.5 U	0.5 U
CM-MW-22s	IN		40	2005Q1	01/20/05	8:30	0.5 U	0.75	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 U	0.5 U	0.5 U	5 U	1.01	1 U	5 U		43.7		0.5 U	61	0.5 U	0.5 U
CM-MW-22s	IN		40	2005Q2	04/13/05	16:30	0.5 U	0.89	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 UJ	0.5 U	0.5 U	5 U	1.07	1 U	5 U		42.2		0.5 U	57.4	0.5 U	0.5 U
CM-MW-22s	IN		40	2005Q2	05/17/05	10:28	0.5 U	1.6	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 U	0.5 U	0.52	5 U	1.31	1 U	5 U		47.9		0.5 U	82.7	0.5 U	0.5 U
CM-MW-22s	IN		40	2005Q2	06/08/05	12:45	0.5 U	0.84	0.5 U	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	1.22	1 U	5 U		41.6		0.5 U	24	0.5 U	0.5 U
CM-MW-22s	IN	ASC	40	2005Q3	07/13/05	9:25	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		15.5		0.5 U	3.53	0.5 U	0.5 U
CM-MW-22s	IN	ASC	40	2005Q3	08/23/05	9:41	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		6.48		1 U	1 U	1 U	1 U
CM-MW-22s	IN	ASC	40	2005Q3	09/20/05	14:25	0.5 U	0.92	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		8.43		0.5 U	0.97	0.5 U	0.5 U
CM-MW-22s	IN		40	2005Q4	11/16/05	10:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		10.4		0.5 U	1.25	0.5 U	0.5 U
CM-MW-22s	IN		40	2006Q2	06/06/06	18:08	0.5 U	0.57	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	1 U	0.5 U	0.89	5 U	0.8	1 U	5 U		17.2	0.5 U	0.5 U	30	0.5 U	0.5 U
CM-MW-22s	IN		40	2006Q3	09/09/06	15:50	0.5 U	0.5	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		16.3	0.5 U	0.5 U	17.2	0.5 U	0.5 U
CM-MW-22s	IN		40	2007Q1	02/10/07	12:55	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	1 U	0.5 U	0.8	5 U	0.86	1 U	5 U		27.3	0.5 U	0.5 U	36.1	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-22s	IN		40	2007Q3	09/18/07	11:06	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		11.1	0.5 U	0.5 U	11.2	0.5 U	0.5 U
CM-MW-22s	IN		40	2007Q4	12/12/07	14:10	0.5 UJ	0.51 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ	0.67 J	5 UJ	1.04 J	1 UJ	5 UJ		17.4 J	0.5 UJ	0.5 UJ	26.8 J	0.5 UJ	0.5 UJ
CM-MW-22s	IN	DP	40	2008Q1	02/28/08	15:52	0.5 U	0.57	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	1 U	0.5 U	1.2	5 U	1.23	1 U	5 U		22.4	0.5 U	0.5 U	43	0.5 U	0.5 U
CM-MW-22s	IN	D	40	2008Q1	02/28/08	15:52	0.5 U	0.57	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	1 U	0.5 U	1.22	5 U	1.21	1 U	5 U		22.3	0.5 U	0.5 U	42.6	0.5 U	0.5 U
CM-MW-22s	IN		40	2008Q3	09/19/08	13:07	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	0.85	0.5 U	1.1	0.5 U	2 U	2 U	20	0.5 U	0.5 U	37	0.5 U	
CM-MW-22s	IN		40	2009Q2	06/16/09	8:35	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	0.5 U	0.63	0.5 U	2.1	0.5 U	2 U		12	0.5 U	0.5 U	24	0.5 U	0.5 U
CM-MW-22s	IN		40	2009Q3	09/21/09	12:25	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	0.5 U	0.5 U	0.5 U	4.8	0.5 U	2 U		11	0.5 U	0.5 U	10	0.5 U	0.5 U
CM-MW-22s	IN		40	2009Q4	12/14/09	16:05	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	0.5 U	0.5 U	0.5 U	0.79	0.5 U	2 U		4.5	0.5 U	0.5 U	4	0.5 U	0.5 U
CM-MW-22s	IN		40	2010Q1	04/01/10	11:17	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.3	0.5 U	0.5 U	3.4	0.5 U	0.5 U
CM-MW-22s	IN		40	2010Q2	06/17/10	12:33	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.9	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-MW-22s	IN		40	2010Q3	09/24/10	16:48	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2	0.5 U	0.5 U	2.8	0.5 U	0.5 U
CM-MW-22s	IN		40	2010Q4	12/09/10	11:36	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.2	0.5 U	0.5 U	2.7	0.5 U	0.5 U
CM-MW-22s	IN	DP	40	2011Q1	03/22/11	16:24	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2	0.5 U	0.5 U	1.4	0.5 U	0.5 U
CM-MW-22s	IN	D	40	2011Q1	03/22/11	16:24	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.1	0.5 U	0.5 U	1.4	0.5 U	0.5 U
CM-MW-22s	IN		40	2011Q3	09/19/11	11:56	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	1 U	0.5 U	0.5 U	5 U	2.86	1 U	5 U		4.24	0.5 U	0.5 U	2.74	0.5 U	0.5 U
CM-MW-22s	IN		40	2012Q1	03/23/12	16:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.3	0.5 U	0.5 U	1.4	0.5 U	0.5 U
CM-MW-22s	IN	DP	40	2012Q3	09/07/12	14:07	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.6	0.5 U	0.5 U	1.1	0.5 U	0.5 U
CM-MW-22s	IN	D	40	2012Q3	09/07/12	14:07	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		2.2	0.5 U	0.5 U	1.4	0.5 U	0.5 U
CM-MW-22s	IN		40	2013Q1	03/08/13	16:27	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	1.1	0.5 U	0.5 U
CM-MW-22s	IN		40	2013Q3	09/26/13	16:24	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	0.73	0.5 U	0.5 U
CM-MW-22s	IN	DP	40	2014Q1	03/21/14	15:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.5	0.5 U	0.5 U	0.66	0.5 U	0.5 U
CM-MW-22s	IN	D	40	2014Q1	03/21/14	15:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.4	0.5 U	0.5 U	0.75	0.5 U	0.5 U
CM-MW-22s	IN		40	2014Q3	09/12/14	10:58	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.85	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-22s	IN		40	2015Q1	03/07/15	12:58	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.01	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-22s	IN		40	2015Q3	09/04/15	17:34	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.92	0.5 U	0.5 U	0.63	1 U	0.5 U
CM-MW-23i	IN		97	2003Q4	11/20/03	16:30	0.5 U	1.75	0.5 U	1.31	0.91	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	11.8	1 U	5 U		10.8		0.5 U	26.2	0.5 U	0.5 U
CM-MW-23i	IN		97	2004Q1	01/28/04	15:40	0.5 UJ	3.15 J	0.5 UJ	2.52 J	2.08 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	19.6 J	1 UJ	5 UJ		13.5 J		0.5 UJ	43.4 J	0.5 UJ	0.5 UJ
CM-MW-23i	IN		97	2004Q2	05/03/04	14:15	1 U	1.5	1 U	1.22	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	11	1 U	5 U	1 U	10.6	23.2	1 U	22.5	1 U	1 U
CM-MW-23i	IN		97	2004Q3	08/24/04	11:15	1 U	1.76	1 U	1.4	1.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	12.6	1 U	5 U	1 U	11	32.6	1 U	26	1 U	1 U
CM-MW-23i	IN		97	2004Q4	11/15/04	15:30	0.5 U	1.48	0.5 U	1.46	0.96	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	11.9	1 U	5 U		12.3		0.5 U	24.9	0.5 U	0.5 U
CM-MW-23i	IN		97	2005Q1	02/03/05	13:45	0.5 U	1.38 J	0.5 U	1.34	0.69	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	12.6	1 U	5 U		16.9		0.5 U	24.6 J	0.5 U	0.5 U
CM-MW-23i	IN		97	2005Q2	05/20/05	10:52	0.5 U	2.04 J	0.5 U	1.45	0.94	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	10.6	1 U	5 U		11.6		0.5 U	25.8 J	0.5 U	0.5 U
CM-MW-23i	IN		97	2005Q3	08/16/05	10:28	1 U	1.19	1 U	1.14	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	9.32	1 U	1 U		12.7		1 U	19.3	1 U	1 U
CM-MW-23i	IN		97	2005Q4	11/15/05	14:38	0.5 U	1.7	0.5 U	1.46	0.95	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	11.9	1 U	5 U		13.4		0.5 U	25.6	0.5 U	0.5 U
CM-MW-23i	IN		97	2006Q2	06/06/06	14:55	0.5 U	1.76	0.5 U	1.61	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13.1	1 U	5 U		13.7	5.96	0.5 U	31.3	0.5 U	0.5 U
CM-MW-23i	IN		97	2006Q3	09/08/06	13:56	0.5 U	1.54	0.5 U	1.02	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.38	1 U	5 U		13.1	6.26	0.5 U	24.7	0.5 U	0.5 U
CM-MW-23i	IN		97	2007Q1	02/13/07	12:08	0.5 U	1.47	0.5 U	1.29	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.4	1 U	5 U		14.4	8.96	0.5 U	28.6	0.5 U	0.5 U
CM-MW-23i	IN		97	2007Q3	09/13/07	10:20	1 U	1.34 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	6.66 J	1 U	5 U	1 U	16.2 J	8.3 J	1 U	26.3 J	1 U	1 U
CM-MW-23i	IN		97	2008Q1	03/04/08	15:58	0.5 U	1.35	0.5 U	1.1	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.12	1 U	5 U		15.4	0.5 U	0.5 U	26.8	0.5 U	0.5 U
CM-MW-23i	IN		97	2008Q3	09/17/08	15:28	0.5 U	1.1	0.5 U	0.89	0.85	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	7.3	0.5 U	2 U		15	0.5 U	0.5 U	24	0.5 U	0.5 U
CM-MW-23i	IN		97	2009Q1	03/30/09	12:00	0.5 U	2.2	0.5 U	1.8	1.6	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	12	0.5 U	2 U		13	0.5 U	0.5 U	40	0.5 U	0.5 U
CM-MW-23i	IN	DP	97	2009Q2	06/17/09	14:10	0.5 U	1.7	0.5 U	1.3	1.3	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	0.5 U	2 U		17	0.5 U	0.5 U	34	0.5 U	0.5 U
CM-MW-23i	IN	D	97	2009Q2	06/17/09	14:10	0.5 U	1.7	0.5 U	1.3	1.3	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	0.5 U	2 U		17	0.5 U	0.5 U	34	0.5 U	0.5 U
CM-MW-23i	IN	DP	97	2009Q3	09/17/09	11:35	0.5 U	0.79	0.5 U	0.65	0.55	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	5.9	0.5 U	2 U		12	0.5 U	0.5 U	21	0.5 U	0.5 U
CM-MW-23i	IN	D	97	2009Q3	09/17/09	11:35	0.5 U	0.8	0.5 U	0.67	0.52	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	6	0.5 U	2 U		12	0.5 U	0.5 U	21	0.5 U	0.5 U
CM-MW-23i	IN	DP	97	2010Q1	03/18/10	10:48	0.5 U	0.5 U	0.5 U	0.58	0.53	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	5.3	0.5 U	2 U		11	0.5 U	0.5 U	17	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-23i	IN	D	97	2010Q1	03/18/10	10:48	0.5 U	0.5 U	0.5 U	0.59	0.57	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	5.3	0.5 U	2 U		11	0.5 U	0.5 U	17	0.5 U	0.5 U
CM-MW-23i	IN		97	2010Q2	06/15/10	10:52	0.5 U	1.3	0.5 U	1.2	1.4	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	0.5 U	2 U		12	0.5 U	0.5 U	32	0.5 U	0.5 U
CM-MW-23i	IN		97	2010Q3	09/27/10	11:27	0.5 U	0.58	0.5 U	0.64	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	6.2	0.5 U	2 U		13	0.5 U	0.5 U	18	0.5 U	0.5 U
CM-MW-23i	IN		97	2010Q4	12/08/10	11:52	0.5 U	0.66	0.5 U	0.79	0.6	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	7.2	0.5 U	2 U		11	0.5 U	0.5 U	21	0.5 U	0.5 U
CM-MW-23i	IN		97	2011Q1	03/21/11	13:00	0.5 U	0.67	0.5 U	0.74	0.73	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	7.2	0.5 U	2 U		11	0.5 U	0.5 U	22	0.5 U	0.5 U
CM-MW-23i	IN		97	2011Q3	09/13/11	13:54	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.23	1 U	5 U		9.06	0.5 U	0.5 U	14.6	0.5 U	0.5 U
CM-MW-23i	IN		97	2012Q1	03/26/12	17:10	0.5 U	0.74 J	0.5 U	0.83 J	0.73 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8	1 U	5 U		9.5	0.5 U	0.5 U	20	0.5 U	0.5 U
CM-MW-23i	IN		97	2012Q3	09/06/12	15:41	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	1 U	0.5 U	0.5 U	5 U	5	1 U	5 U		7.7	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-23i	IN		97	2013Q1	03/14/13	11:04	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	1 U	0.5 U	0.5 U	5 U	5.5	1 U	5 U		11	0.5 U	0.5 U	17	0.5 U	0.5 U
CM-MW-23i	IN	DP	97	2013Q3	09/25/13	9:35	0.5 U	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.9	1 U	5 U		9.5	0.5 U	0.5 U	15	0.5 U	0.5 U
CM-MW-23i	IN	D	97	2013Q3	09/25/13	9:35	0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.9	1 U	5 U		9.9	0.5 U	0.5 U	15	0.5 U	0.5 U
CM-MW-23i	IN		97	2014Q1	03/26/14	15:12	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.8	1 U	5 U		9.3	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-23i	IN		97	2014Q3	09/08/14	14:30	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.78	1 U	5 U		6.54	0.5 U	0.5 U	10.46	1 U	0.5 U
CM-MW-23i	IN		97	2015Q1	03/19/15	12:53	0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.69	1 U	5 U		9.74	0.5 U	0.5 U	15.8	1 U	0.5 U
CM-MW-23i	IN		97	2015Q3	09/09/15	10:08	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.23	1 U	5 U		8.32	0.5 U	0.5 U	12.68	1 U	0.5 U
CM-MW-24i	IN		93	2003Q4	11/21/03	10:55	0.5 U	0.62	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.71	0.5 U	0.5 U
CM-MW-24i	IN		93	2004Q1	01/28/04	16:10	0.5 UJ	0.53 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	0.57 J	1 UJ	5 UJ		0.5 UJ		0.5 UJ	1.38 J	0.5 UJ	0.5 UJ
CM-MW-24i	IN		93	2004Q2	05/03/04	13:30	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	11.4	1 U	1 U	1 U	1 U
CM-MW-24i	IN		93	2004Q3	08/23/04	14:45	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	25.9	1 U	1 U	1 U	1 U
CM-MW-24i	IN		93	2004Q4	11/15/04	13:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.91	0.5 U	0.5 U
CM-MW-24i	IN		93	2005Q1	02/03/05	14:35	0.5 U	0.5 UJ	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 UJ	0.5 U	0.5 U	5 U	0.55	1 U	5 U		0.5 U		0.5 U	1.03 J	0.5 U	0.5 U
CM-MW-24i	IN	DP	93	2005Q2	05/20/05	9:36	0.5 U	0.63	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.89	0.5 U	0.5 U
CM-MW-24i	IN	D	93	2005Q2	05/20/05	9:36	0.5 U	0.65 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.79 J	0.5 U	0.5 U
CM-MW-24i	IN		93	2005Q3	08/16/05	11:00	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U
CM-MW-24i	IN		93	2005Q4	11/15/05	15:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.77	0.5 U	0.5 U
CM-MW-24i	IN		93	2006Q2	06/05/06	16:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.82	0.5 U	0.5 U
CM-MW-24i	IN		93	2006Q3	09/08/06	16:05	0.5 U	0.56	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	1 U	0.5 U	0.5 U	5 U	0.54	1 U	5 U		0.5 U	0.5 U	0.5 U	0.9	0.5 U	0.5 U
CM-MW-24i	IN		93	2007Q1	02/13/07	12:58	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.08	0.5 U	0.5 U
CM-MW-24i	IN		93	2007Q3	09/13/07	11:59	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1.39 J	1 U	1 U
CM-MW-24i	IN		93	2007Q4	12/11/07	10:53	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	1 U	0.5 U	0.5 U	5 U	0.5	1 U	5 U		0.5 U	0.5 U	0.5 U	0.98	0.5 U	0.5 U
CM-MW-24i	IN		93	2008Q1	03/04/08	13:35	0.5 U	0.61	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	1 U	0.5 U	0.5 U	5 U	0.79	1 U	5 U		0.5 U	0.5 U	0.5 U	1.53	0.5 U	0.5 U
CM-MW-24i	IN	DP	93	2008Q3	09/17/08	13:01	0.5 U	0.53	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	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.6	0.5 U	0.5 U
CM-MW-24i	IN	D	93	2008Q3	09/17/08	13:01	0.5 U	0.52	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	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.6	0.5 U	0.5 U
CM-MW-24i	IN		93	2009Q1	03/25/09	14:00	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-MW-24i	IN		93	2009Q3	09/16/09	13:00	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.4	0.5 U	0.5 U
CM-MW-24i	IN		93	2010Q1	03/17/10	10:45	0.5 U	0.56	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	0.5 U	0.52	0.5 U	2 U		0.5 U	0.5 U	0.5 U	2.1	0.5 U	0.5 U
CM-MW-24i	IN		93	2010Q3	09/23/10	17:52	0.5 U	0.55	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	0.5 U	0.52	0.5 U	2 U		0.5 U	0.5 U	0.5 U	4.8	0.5 U	0.5 U
CM-MW-24i	IN		93	2011Q1	03/17/11	10:47	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	0.5 U	0.5 U	0.5 U	0.53	0.5 U	2 U		0.59	0.5 U	0.5 U	7	0.5 U	0.5 U
CM-MW-24i	IN		93	2011Q3	09/13/11	12:22	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.63	0.5 U	0.5 U	5.61	0.5 U	0.5 U
CM-MW-24i	IN		93	2012Q1	03/21/12	13:48	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.58 J	0.5 U	0.5 U	4.8	0.5 U	0.5 U
CM-MW-24i	IN	DP	93	2012Q3	09/05/12	16:15	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		0.65	0.5 U	0.5 U	4.7	0.5 U	0.5 U
CM-MW-24i	IN	D	93	2012Q3	09/05/12	16:15	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		0.72	0.5 U	0.5 U	4.5	0.5 U	0.5 U
CM-MW-24i	IN		93	2013Q1	03/13/13	15:52	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.8	0.5 U	0.5 U	3.3	0.5 U	0.5 U
CM-MW-24i	IN	DP	93	2013Q3	09/24/13	10:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.58	0.5 U	0.5 U	3.1	0.5 U	0.5 U
CM-MW-24i	IN	D	93	2013Q3	09/24/13	10:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.65	0.5 U	0.5 U	3.1	0.5 U	0.5 U
CM-MW-24i	IN		93	2014Q1	03/24/14	16:45	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.6	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-24i	IN		93	2014Q3	09/03/14	13:47	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	2.01	1 U	0.5 U
CM-MW-24i	IN		93	2015Q1	03/09/15	16:38	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.57	0.5 U	0.5 U	2.81	1 U	0.5 U
CM-MW-24i	IN		93	2015Q3	09/02/15	15:49	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.58	0.5 U	0.5 U	2.89	1 U	0.5 U
CM-MW-28USA	IN		50	2004Q4	10/08/04	12:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28USA	IN		50	2004Q4	11/18/04	10:30	0.5 U	0.56 J	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	2.11	0.5 U	0.5 U
CM-MW-28USA	IN		50	2005Q1	02/04/05	10:50	0.5 U	0.69	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.12	0.5 U	0.5 U
CM-MW-28USA	IN		50	2005Q2	05/19/05	14:36	0.5 U	0.62 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	3.53 J	0.5 U	0.5 U
CM-MW-28USA	IN		50	2005Q3	08/17/05	11:28	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U
CM-MW-28USA	IN		50	2006Q2	06/02/06	13:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.53	0.5 U	0.5 U	5.07	0.5 U	0.5 U
CM-MW-28USA	IN		50	2006Q3	09/07/06	11:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.66	0.5 U	0.5 U
CM-MW-28USA	IN		50	2008Q4	12/08/08	11:52	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.4	0.5 U	0.5 U
CM-MW-28USA	IN		50	2009Q1	03/24/09	13:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	2.5	0.5 U	0.5 U
CM-MW-28USA	IN		50	2009Q2	06/17/09	13:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.3	0.5 U	0.5 U	5.2	0.5 U	0.5 U
CM-MW-28USA	IN		50	2009Q3	09/15/09	11:40	0.5 U	0.53	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	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-MW-28USA	IN		50	2010Q1	03/16/10	15:50	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-MW-28USA	IN		50	2010Q3	09/20/10	13:30	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.5	0.5 U	0.5 U
CM-MW-28USA	IN		50	2011Q1	03/15/11	9:49	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	2.4	0.5 U	0.5 U
CM-MW-28USA	IN		50	2011Q3	09/12/11	14:49	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.84	0.5 U	0.5 U
CM-MW-28USA	IN		50	2012Q1	03/20/12	16:04	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	2.2	0.5 U	0.5 U
CM-MW-28USA	IN		50	2012Q3	09/04/12	13:15	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		0.5 U	0.5 U	0.5 U	0.86	0.5 U	0.5 U
CM-MW-28USA	IN		50	2013Q1	03/08/13	12:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-MW-28USA	IN		50	2013Q3	09/23/13	12:45	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.91	0.5 U	0.5 U
CM-MW-28USA	IN		50	2014Q1	03/24/14	11:06	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.4	0.5 U	0.5 U
CM-MW-28USA	IN		50	2014Q3	09/03/14	10:21	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-28USA	IN		50	2015Q1	03/09/15	11:21	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.6	1 U	0.5 U
CM-MW-28USA	IN		50	2015Q3	09/02/15	10:50	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.6	1 U	0.5 U
CM-MW-28USA	IN		120.5	2004Q4	10/08/04	13:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.51		0.5 U	4.32	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2004Q4	11/18/04	9:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.78		0.5 U	6.49	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2005Q1	02/04/05	10:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.61		0.5 U	5.61	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2005Q2	05/19/05	13:50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.71		0.5 U	5.77 J	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2005Q3	08/17/05	12:01	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	7.29	1 U	1 U
CM-MW-28USA	IN		120.5	2005Q4	11/16/05	11:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.67		0.5 U	5.86	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2006Q2	06/02/06	12:10	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.84	1.7	0.5 U	6.8	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2006Q3	09/07/06	10:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.66	0.86	0.5 U	5.53	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2007Q1	02/14/07	14:08	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.72	0.88	0.5 U	6.55	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2007Q3	09/12/07	10:33	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.67	1.42	0.5 U	6.6	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2008Q1	02/26/08	15:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.66	0.51	0.5 U	6.56	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2008Q3	09/15/08	15:16	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	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.65	0.5 U	0.5 U	8	0.5 U	
CM-MW-28USA	IN		120.5	2009Q1	03/24/09	11:45	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.62	0.5 U	0.5 U	7.5	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2009Q3	09/15/09	11:56	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.82	0.5 U	0.5 U	7.4	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2010Q1	03/16/10	14:55	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.73	0.5 U	0.5 U	6.4	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2010Q3	09/20/10	12:58	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.64	0.5 U	0.5 U	6.1	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2011Q1	03/15/11	10:23	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.57	0.5 U	0.5 U	5	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2011Q3	09/12/11	14:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4.12	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2012Q1	03/20/12	16:34	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2012Q3	09/04/12	13:36	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		0.55	0.5 U	0.5 U	4.3	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-28USA	IN		120.5	2013Q1	03/08/13	11:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.56	0.5 U	0.5 U	4.5	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2013Q3	09/23/13	12:12	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	3.7	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2014Q1	03/24/14	11:26	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4.3	0.5 U	0.5 U
CM-MW-28USA	IN		120.5	2014Q3	09/03/14	10:44	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	2.57	1 U	0.5 U
CM-MW-28USA	IN		120.5	2015Q1	03/09/15	11:47	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4.25	1 U	0.5 U
CM-MW-28USA	IN		120.5	2015Q3	09/02/15	11:28	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4.25	1 U	0.5 U
CM-MW-29USA	IN		60.5	2004Q4	10/20/04	11:35	0.5 U	0.62	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 U	0.5 U	0.5 U	5 U	2.68	1 U	5 U		9.28		0.5 U	11.6	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2004Q4	11/16/04	11:25	0.5 U	0.68	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 U	0.5 U	0.5 U	5 U	2.71	1 U	5 U		9.81		0.5 U	12.8	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2005Q1	02/02/05	14:20	0.5 U	0.62	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 U	0.5 U	0.5 U	5 U	2.22	1 U	5 U		8.22		0.5 U	11.2	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2005Q2	05/19/05	10:04	0.5 U	0.99 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	2.8	1 U	5 U		9.21		0.5 U	14.8 J	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2005Q3	08/17/05	8:46	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	2.28	1 U	1 U		7.86		1 U	13.8	1 U	1 U
CM-MW-29USA	IN		60.5	2005Q4	11/15/05	14:35	0.5 U	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	1 U	0.5 U	0.5 U	5 U	2.19	1 U	5 U		7.16		0.5 U	14.2	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2006Q2	06/06/06	11:15	0.5 U	0.53	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	1 U	0.5 U	0.5 U	5 U	2.36	1 U	5 U		6.42	2.03	0.5 U	10.7	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2006Q3	09/08/06	11:47	0.5 U	0.54	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	1 U	0.5 U	0.5 U	5 U	1.47	1 U	5 U		4.95	0.5 U	0.5 U	9.43	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2007Q1	02/15/07	12:35	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	1 U	0.5 U	0.5 U	5 U	1.33	1 U	5 U		4.62	0.5 U	0.5 U	6.74	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2007Q3	09/11/07	11:03	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	1 U	0.5 U	0.5 U	5 U	1.52	1 U	5 U		5.42	0.5 U	0.5 U	6.7	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2008Q1	02/27/08	12:12	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	1 U	0.5 U	0.5 U	5 U	1.36	1 U	5 U		4.98	0.5 U	0.5 U	8.17	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2008Q3	09/15/08	13:14	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	0.5 U	0.5 U	1.5	0.5 U	2 U	2 U	4.4	0.5 U	0.5 U	8.3	0.5 U	
CM-MW-29USA	IN		60.5	2009Q1	03/23/09	14:00	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	0.5 U	0.5 U	0.5 U	2.6	0.5 U	2 U		5.6	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2009Q2	06/17/09	11:42	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	0.5 U	0.5 U	0.5 U	3.2	0.5 U	2 U		7.4	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2009Q3	09/14/09	14:20	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	0.5 U	0.5 U	0.5 U	1.2	0.5 U	2 U		4	0.5 U	0.5 U	6.1	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2009Q4	12/16/09	14:35	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	0.5 U	0.5 U	0.5 U	1.6	0.5 U	2 U		4.6	0.5 U	0.5 U	7.3	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2010Q1	03/17/10	15:15	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	0.5 U	0.5 U	0.5 U	1.2	0.5 U	2 U		3.9	0.5 U	0.5 U	6.4	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2010Q3	09/20/10	17:51	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.5	0.5 U	0.5 U	3.9	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2011Q1	03/14/11	12:10	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	0.5 U	0.5 U	0.5 U	0.6	0.5 U	2 U		3	0.5 U	0.5 U	4.5	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2011Q3	09/12/11	13:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.5	0.5 U	0.5 U	2.41	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2012Q1	03/27/12	14:26	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2	0.5 U	0.5 U	3.5	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2012Q3	09/05/12	9:44	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		1.2	0.5 U	0.5 U	1.6	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2013Q1	03/07/13	14:11	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	1.2	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2013Q3	09/24/13	13:25	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	1.6	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2014Q1	03/25/14	11:50	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	1.6	0.5 U	0.5 U
CM-MW-29USA	IN		60.5	2014Q3	09/04/14	9:48	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.76	0.5 U	0.5 U	0.86	1 U	0.5 U
CM-MW-29USA	IN		60.5	2015Q1	03/10/15	10:48	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.87	0.5 U	0.5 U	0.96	1 U	0.5 U
CM-MW-29USA	IN		60.5	2015Q3	09/23/15	12:00	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	0.25 U	0.5 U	1 U	1 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5	0.5 U	0.5 U	0.61	1 U	0.5 U
CM-MW-29USA	IN		100	2004Q4	10/20/04	11:57	0.5 U	0.77	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 U	0.5 U	0.5 U	5 U	4.02	1 U	5 U		13		0.5 U	14.6	0.5 U	0.5 U
CM-MW-29USA	IN		100	2004Q4	11/16/04	11:50	0.5 U	0.77	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 UJ	0.5 U	0.5 U	5 U	3.27	1 U	5 U		10.8		0.5 U	14.2	0.5 U	0.5 U
CM-MW-29USA	IN		100	2005Q1	02/02/05	13:55	0.5 U	0.73	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 U	0.5 U	0.5 U	5 U	3.24	1 U	5 U		9.7		0.5 U	13	0.5 U	0.5 U
CM-MW-29USA	IN		100	2005Q2	05/19/05	9:38	0.5 U	0.94 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	2.43	1 U	5 U		8.38		0.5 U	12.6 J	0.5 U	0.5 U
CM-MW-29USA	IN		100	2005Q3	08/17/05	9:18	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	2.84	1 U	1 U		9.1		1 U	15.2	1 U	1 U
CM-MW-29USA	IN		100	2005Q4	11/15/05	15:00	0.5 U	0.88	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 U	0.5 U	0.5 U	5 U	2.79	1 U	5 U		9.51		0.5 U	15.4	0.5 U	0.5 U
CM-MW-29USA	IN		100	2006Q2	06/06/06	11:45	0.5 U	0.64	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	1 U	0.5 U	0.5 U	5 U	2.29	1 U	5 U		6.77	4.41	0.5 U	12.7	0.5 U	0.5 U
CM-MW-29USA	IN		100	2006Q3	09/08/06	11:22	0.5 U	0.83	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	1 U	0.5 U	0.5 U	5 U	2.83	1 U	5 U		7.78	1.11	0.5 U	13.4	0.5 U	0.5 U
CM-MW-29USA	IN		100	2007Q1	02/15/07	13:05	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	1 U	0.5 U	0.5 U	5 U	3.69	1 U	5 U		9.31	0.5 U	0.5 U	12.8	0.5 U	0.5 U
CM-MW-29USA	IN		100	2007Q3	09/11/07	10:27	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	1 U	0.5 U	0.5 U	5 U	2.66	1 U	5 U		6.84	0.5 U	0.5 U	9.5	0.5 U	0.5 U
CM-MW-29USA	IN		100	2008Q1	02/27/08	13:10	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	1 U	0.5 U	0.5 U	5 U	2.54	1 U	5 U		7.23	0.5 U	0.5 U	10.5	0.5 U	0.5 U
CM-MW-29USA	IN		100	2008Q3	09/15/08	12:03	0.5 U	0.55	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	3.2	0.5 U	2 U	2 U	7.3	0.5 U	0.5 U	14	0.5 U	

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-29USA	IN		100	2009Q1	03/23/09	13:40	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	0.5 U	0.5 U	0.5 U	3.2	0.5 U	2 U		6.3	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-29USA	IN		100	2009Q2	06/17/09	11:59	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.3	0.5 U	2 U		7.1	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-29USA	IN		100	2009Q3	09/14/09	13:40	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	0.5 U	0.5 U	0.5 U	3.7	0.5 U	2 U		6.3	0.5 U	0.5 U	10	0.5 U	0.5 U
CM-MW-29USA	IN		100	2009Q4	12/16/09	15:04	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	0.5 U	0.5 U	0.5 U	3.2	0.5 U	2 U		6.3	0.5 U	0.5 U	10	0.5 U	0.5 U
CM-MW-29USA	IN		100	2010Q1	03/17/10	14:46	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	0.5 U	0.5 U	0.5 U	3.1	0.5 U	2 U		6	0.5 U	0.5 U	9.6	0.5 U	0.5 U
CM-MW-29USA	IN		100	2010Q3	09/20/10	17:15	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	0.5 U	0.5 U	0.5 U	1.1	0.5 U	2 U		3.2	0.5 U	0.5 U	7.8	0.5 U	0.5 U
CM-MW-29USA	IN		100	2011Q1	03/14/11	12:45	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	0.5 U	0.5 U	0.5 U	1.5	0.5 U	2 U		4.2	0.5 U	0.5 U	7	0.5 U	0.5 U
CM-MW-29USA	IN		100	2011Q3	09/12/11	12:46	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	1 U	0.5 U	0.52	5 U	0.98	1 U	5 U		1.88	0.5 U	0.5 U	4.59	0.5 U	0.5 U
CM-MW-29USA	IN		100	2012Q1	03/27/12	14:46	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	1 U	0.5 U	0.5 U	5 U	0.94 J	1 U	5 U		2.2	0.5 U	0.5 U	4.3	0.5 U	0.5 U
CM-MW-29USA	IN		100	2012Q3	09/05/12	10:01	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	0.5 U	0.5 U	0.5 U	0.64	0.5 U	1 U		1.8	0.5 U	0.5 U	4.1	0.5 U	0.5 U
CM-MW-29USA	IN		100	2013Q1	03/07/13	12:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	4	0.5 U	0.5 U
CM-MW-29USA	IN		100	2013Q3	09/24/13	13:56	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	0.2 U	0.5 U	1 U	0.5 U	0.56	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	3	0.5 U	0.5 U
CM-MW-29USA	IN		100	2014Q1	03/25/14	12:11	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.5	0.5 U	0.5 U	3	0.5 U	0.5 U
CM-MW-29USA	IN		100	2014Q3	09/04/14	10:04	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	0.25 U	0.5 U	1 U	0.5 U	0.52 J	5 U	0.5 U	1 U	5 U		0.63	0.5 U	0.5 U	1.91	1 U	0.5 U
CM-MW-29USA	IN		100	2015Q1	03/10/15	11:20	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.05	0.5 U	0.5 U	2.83	1 U	0.5 U
CM-MW-29USA	IN		100	2015Q3	09/23/15	12:20	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	0.25 U	0.5 U	1 U	1 U	0.57 J	5 U	0.5 U	1 U	5 U		0.68	0.5 U	0.5 U	2.19	1 U	0.5 U
CM-MW-29USA	IN		140.5	2004Q4	10/20/04	12:25	0.5 U	0.61	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 U	0.5 U	0.5 U	5 U	3.65	1 U	5 U		7.37		0.5 U	9.27	0.5 U	0.5 U
CM-MW-29USA	IN	DP	140.5	2004Q4	11/16/04	12:20	0.5 U	0.66	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	4.14	1 U	5 U		9.78		0.5 U	12.6	0.5 U	0.5 U
CM-MW-29USA	IN	D	140.5	2004Q4	11/16/04	12:20	0.5 U	0.6	0.5 U	0.55	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	3.94	1 U	5 U		9.16		0.5 U	12.3	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2005Q1	02/02/05	13:30	0.5 U	0.5 U	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	3.75	1 U	5 U		5.6		0.5 U	6.42	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2005Q2	05/19/05	9:06	0.5 U	0.85 J	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	3.82	1 U	5 U		9.47		0.5 U	12.4 J	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2005Q3	08/17/05	9:52	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	3.83	1 U	1 U		8.55		1 U	13.6	1 U	1 U
CM-MW-29USA	IN		140.5	2005Q4	11/15/05	15:15	0.5 U	0.62	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.06	1 U	5 U		7.5		0.5 U	10.7	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2006Q2	06/06/06	13:26	0.5 U	0.61	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	1 U	0.5 U	0.5 U	5 U	3.2	1 U	5 U		6.18	3.65	0.5 U	9.67	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2006Q3	09/08/06	10:50	0.5 U	0.86	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	1 U	0.5 U	0.5 U	5 U	2.72	1 U	5 U		6.03	1.81	0.5 U	12	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2007Q1	02/15/07	13:50	0.5 U	0.62	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	1 U	0.5 U	0.5 U	5 U	3.95	1 U	5 U		9.26	1.02	0.5 U	13.4	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2007Q3	09/11/07	9:55	0.5 U	0.53	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	1 U	0.5 U	0.5 U	5 U	4.32	1 U	5 U		7.82	0.83	0.5 U	11.5	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2008Q1	02/27/08	14:52	0.5 U	0.68	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.03	1 U	5 U		10	0.5 U	0.5 U	14.1	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2008Q3	09/15/08	13:45	0.5 U	0.66	0.5 U	0.58	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	5.2	0.5 U	2 U	2 U	9	0.5 U	0.5 U	15	0.5 U	
CM-MW-29USA	IN		140.5	2009Q1	03/23/09	13:25	0.5 U	0.5 U	0.5 U	0.61	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	5.6	0.5 U	2 U		7.5	0.56	0.5 U	13	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2009Q2	06/17/09	12:30	0.5 U	0.5	0.5 U	0.6	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	5.1	0.5 U	2 U		8.9	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2009Q3	09/14/09	13:07	0.5 U	0.5 U	0.5 U	0.54	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	5	0.5 U	2 U		7.1	0.56	0.5 U	11	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2009Q4	12/16/09	15:35	0.5 U	0.5 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	0.5 U	5.3	0.5 U	2 U		7.5	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2010Q1	03/17/10	14:25	0.5 U	0.5 U	0.5 U	0.52	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	5.4	0.5 U	2 U		8.4	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2010Q3	09/20/10	16:38	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	0.5 U	0.5 U	0.5 U	4.7	0.5 U	2 U		8.8	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2011Q1	03/14/11	13:21	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	0.5 U	0.5 U	0.5 U	3.5	0.5 U	2 U		6.5	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2011Q3	09/12/11	12:17	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	1 U	0.5 U	0.5 U	5 U	3	1 U	5 U		4.3	0.5 U	0.5 U	8.95	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2012Q1	03/27/12	15:05	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	1 U	0.5 U	0.5 U	5 U	3.4	1 U	5 U		4.6	0.5 U	0.5 U	9.4	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2012Q3	09/05/12	10:19	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	0.5 U	0.5 U	0.5 U	3.4	0.5 U	1 U		3.8	0.5 U	0.5 U	7.5	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2013Q1	03/07/13	13:42	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	1 U	0.5 U	0.5 U	5 U	3.1	1 U	5 U		3.5	0.5 U	0.5 U	6.6	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2013Q3	09/24/13	14:38	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.6	1 U	5 U		3	0.5 U	0.5 U	6.2	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2014Q1	03/25/14	12:38	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.3	1 U	5 U		3.2	0.5 U	0.5 U	6.3	0.5 U	0.5 U
CM-MW-29USA	IN		140.5	2014Q3	09/04/14	10:28	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.23	1 U	5 U		1.99	0.5 U	0.5 U	3.73	1 U	0.5 U
CM-MW-29USA	IN		140.5	2015Q1	03/10/15	11:54	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.69	0.5 U	0.5 U	4.41	1 U	0.5 U
CM-MW-29USA	IN		140.5	2015Q3	09/23/15	12:40	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	0.25 U	0.5 U	1 U	1 U	0.5 U	5 U	1.96	1 U	5 U		1.97	0.5 U	0.5 U	4.8	1 U	0.5 U
CM-MW-Ui	IN		115	2005Q2	06/22/05	13:51	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	15.4	1 U	1 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-Ui	IN		115	2008Q1	03/05/08	11:45	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	1 U	0.5 U	0.6	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	11.4	0.5 U	0.5 U
CM-MW-Ui	IN		115	2008Q3	09/22/08	11:32	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	0.5 U	0.75	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-Ui	IN		115	2009Q1	04/16/09	10:00	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	0.5 U	0.73	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-Ui	IN		115	2009Q3	09/22/09	17:00	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	0.5 U	0.78	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-Ui	IN		115	2010Q1	03/23/10	16:20	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	0.5 U	0.83	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-Ui	IN		115	2010Q3	10/15/10	9:35	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	0.5 U	0.69 UB	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-Ui	IN		115	2011Q1	03/21/11	14:38	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	0.5 U	0.7	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-Ui	IN		115	2012Q1	03/28/12	13:08	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	1 U	0.5 U	0.8 J	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	6.6	0.5 U	0.5 U
CM-MW-Ui	IN	DP	115	2013Q1	03/22/13	12:50	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	1 U	0.5 U	0.66	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	7.8	0.5 U	0.5 U
CM-MW-Ui	IN	D	115	2013Q1	03/22/13	12:50	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	1 U	0.5 U	0.64	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	7.3	0.5 U	0.5 U
CM-MW-Ui	IN		115	2014Q1	03/28/14	15:34	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	0.2 U	0.5 U	1 U	0.5 U	0.77	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	7.9	0.5 U	0.5 U
CM-MW-Ui	IN		115	2015Q1	03/17/15	9:30	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	0.25 U	0.5 U	1 U	0.5 U	0.73 J	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	7.55	1 U	0.5 U
MW-04i	IN		95	1999Q2	04/28/99		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	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U		0.5 U	0.5 U	0.5 U	1.77	0.5 U	0.5 U
MW-04i	IN		95	2000Q4	11/16/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2001Q3	07/18/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2001Q4	10/18/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN	DP	95	2002Q1	01/31/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4.24	0.5 U	0.5 U
MW-04i	IN	D	95	2002Q1	01/31/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4.11	0.5 U	0.5 U
MW-04i	IN		95	2002Q2	05/30/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2002Q3	08/21/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2002Q4	11/21/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2005Q1	02/14/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2005Q4	11/29/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2006Q1	03/24/06	15:24	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2007Q1	02/12/07	9:31	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2008Q1	03/06/08	10:46	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2009Q1	04/01/09	10:44	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.9	0.5 U	0.5 U
MW-04i	IN		95	2009Q3	09/18/09	13:43	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	0.5 U	0.5 U	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
MW-04i	IN		95	2010Q1	03/22/10	15:50	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	0.5 U	0.5 U	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
MW-04i	IN		95	2011Q1	03/18/11	15:16	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	0.5 U	0.5 U	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
MW-04i	IN		95	2012Q1	03/14/12	17:13	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	1 U	0.5 U	0.5 U	5 U	0.69 J	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN	DP	95	2013Q1	03/21/13	12:15	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	1 U	0.5 U	0.5 U	5 U	0.87	1 U	5 U		0.5 U	0.5 U	0.5 U	0.73	0.5 U	0.5 U
MW-04i	IN	D	95	2013Q1	03/21/13	12:15	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	1 U	0.5 U	0.5 U	5 U	1	1 U	5 U		0.5 U	0.5 U	0.5 U	0.62	0.5 U	0.5 U
MW-04i	IN		95	2014Q1	03/20/14	11:20	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	IN		95	2015Q1	03/19/15	15:10	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.76	1 U	0.5 U
MW-05i	IN		95	1999Q2	04/30/99		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	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U		0.5 U	0.5 U	0.5 U	11.6	0.5 U	0.5 U
MW-05i	IN	DP	95	2000Q4	11/16/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	3.4	0.5 U	0.5 U
MW-05i	IN	D	95	2000Q4	11/16/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	3.13	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-05i	IN		95	2001Q3	07/17/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.5 U
MW-05i	IN		95	2001Q4	10/16/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.74	0.5 U	0.5 U
MW-05i	IN		95	2002Q1	01/24/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	IN		95	2002Q2	05/30/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	IN		95	2002Q3	08/20/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	IN		95	2002Q4	11/20/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	IN		95	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.67	0.5 U	0.5 U
MW-05i	IN		95	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	IN		95	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	IN		95	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	IN		95	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	IN		95	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	IN		95	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.57	0.5 U	0.5 U
MW-05i	IN		95	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.54	0.5 U	0.5 U
MW-05i	IN		95	2005Q1	02/11/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	IN		95	2005Q4	11/29/05		0.5 U	0.77	0.5 U	1.18	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.7	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	IN		95	2006Q1	03/22/06	12:40	0.5 U	0.96	0.5 U	1.48	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.71	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	IN		95	2006Q3	09/11/06	15:41	0.5 U	1.03	0.5 U	1.45	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.99	1 U	5 U		1.51	0.5 U	0.5 U	2.11	0.5 U	0.5 U
MW-05i	IN		95	2007Q1	02/09/07	15:40	0.5 U	0.5 U	0.5 U	0.75	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.35	1 U	5 U		1	0.5 U	0.5 U	13.2	0.5 U	0.5 U
MW-05i	IN		95	2007Q3	09/10/07	10:20	0.5 U	0.74	0.5 U	1.59	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.27	1 U	5 U		0.5 U	0.5 U	0.5 U	8.7	0.5 U	0.5 U
MW-05i	IN		95	2008Q1	02/27/08	12:40	0.5 U	1.07	0.5 U	2.25	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.41	1 U	5 U		0.5 U	0.5 U	0.5 U	7.43	0.5 U	0.5 U
MW-05i	IN		95	2008Q3	09/22/08	17:30	0.5 U	1.5	0.5 U	3.1	1.2	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	9.9	0.5 U	2 U		0.5 U	0.5 U	0.5 U	22	0.5 U	0.5 U
MW-05i	IN		95	2008Q4	12/10/08	14:03	0.5 U	1.4	0.5 U	3.3	1.4	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	9.9	0.5 U	2 U		0.5 U	0.5 U	0.5 U	20	0.5 U	0.5 U
MW-05i	IN	DP	95	2009Q1	04/02/09	12:17	0.5 U	1.7	0.5 U	3.4	1.6	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	12	0.5 U	2 U		1.6	0.5 U	0.5 U	40	0.5 U	0.5 U
MW-05i	IN	D	95	2009Q1	04/02/09	12:17	0.5 U	1.4	0.5 U	2.9	1.4	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	0.5 U	2 U		1.3	0.5 U	0.5 U	34	0.5 U	0.5 U
MW-05i	IN		95	2009Q2	06/16/09	13:55	0.5 U	1.4	0.5 U	2.5	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	5.9	0.5 U	2 U		0.5 U	0.5 U	0.5 U	7.6	0.5 U	0.5 U
MW-05i	IN		95	2009Q3	09/21/09	17:06	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	0.5 U	0.5 U	0.5 U	0.86	0.5 U	2 U		0.54	0.5 U	0.5 U	62	0.5 U	0.5 U
MW-05i	IN		95	2009Q4	12/15/09	14:08	0.5 U	2.4	0.5 U	1.7	2.7	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	6	0.5 U	2 U		0.5 U	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-05i	IN		95	2010Q1	03/23/10	10:33	0.5 U	2.9	0.5 U	1.9	2.3	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	5.6	0.5 U	2 U		0.5 U	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-05i	IN		95	2010Q2	06/18/10	9:25	0.5 U	3.5	0.5 U	2.1	2.5	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	6.6	0.5 U	2 U		0.5 U	0.5 U	0.5 U	8.6	0.5	0.5 U
MW-05i	IN		95	2010Q3	09/21/10	9:55	0.5 U	4.5	0.5 U	2.4	2.5	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	7.7	0.5 U	2 U		0.5 U	0.5 U	0.5 U	11	0.61	0.5 U
MW-05i	IN		95	2010Q4	12/10/10	10:39	0.5 U	4.4	0.5 U	2.8	3.4	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	8.5	0.5 U	2 U		0.5 U	0.5 U	0.5 U	12	0.74	0.5 U
MW-05i	IN		95	2011Q1	03/18/11	11:44	0.5 U	4.4	0.5 U	2.6	3.4	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	11	0.5 U	2 U		0.5 U	0.5 U	0.5 U	15	0.67	0.5 U
MW-05i	IN		95	2011Q2	06/06/11	14:08	0.5 U	4.4	0.5 U	2.6	3.3	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	11	0.5 U	2 U		0.5 U	0.5 U	0.5 U	16	0.8	0.5 U
MW-05i	IN		95	2011Q3	09/15/11	13:59	0.5 U	3.7	0.5 U	2.14	2.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12	1 U	5 U		0.5 U	0.5 U	0.5 U	12.1	0.73	0.5 U
MW-05i	IN		95	2011Q4	12/08/11	11:05	0.5 U	3.18	0.5 U	2.13	2.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13	1 U	5 U		0.5 U	0.5 U	0.5 U	17.2	0.73	0.5 U
MW-05i	IN	DP	95	2012Q1	03/14/12	11:53	0.5 U	2.7	0.5 U	1.7	2.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11	1 U	5 U		0.5 U	0.5 U	0.5 U	21	0.6 J	0.5 U
MW-05i	IN	D	95	2012Q1	03/14/12	11:53	0.5 U	2.7	0.5 U	1.8	2.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11	1 U	5 U		0.5 J	0.5 U	0.5 U	21	0.59 J	0.5 U
MW-05i	IN		95	2012Q2	06/20/12	16:05	0.5 U	2.3	0.5 U	1.6	1.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11	1 U	5 U		1.3	0.5 U	0.5 U	23	0.58 J	0.5 U
MW-05i	IN	DP	95	2012Q3	09/07/12	10:20	0.5 U	2	0.5 U	1.5	1.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11	1 U	5 U		1.4	0.5 U	0.5 U	22	0.54	0.5 U
MW-05i	IN	D	95	2012Q3	09/07/12	10:20	0.5 U	2.1	0.5 U	1.6	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12	1 U	5 U		1.5	0.5 U	0.5 U	23	0.5 U	0.5 U
MW-05i	IN		95	2013Q1	03/20/13	9:52	0.5 U	1.7	0.5 U	1.3	1.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.7	1 U	5 U		1.2	0.5 U	0.5 U	27	0.5 U	0.5 U
MW-05i	IN		95	2013Q3	09/19/13	10:50	0.5 U	1.3	0.5 U	0.97	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.4	1 U	5 U		1.4	0.5 U	0.5 U	23	0.5 U	0.5 U
MW-05i	IN	DP	95	2014Q1	03/14/14	12:35	0.5 U	1.2	0.5 U	0.91	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.7	1 U	5 U		1.3	0.5 U	0.5 U	28	0.5 U	0.5 U
MW-05i	IN	D	95	2014Q1	03/14/14	12:35	0.5 U	1.2	0.5 U	0.9	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.6	1 U	5 U		1.3	0.5 U	0.5 U	28	0.5 U	0.5 U
MW-05i	IN		95	2014Q3	09/16/14	11:23	0.5 U	1	0.5 U	0.77	0.97	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.21	1 U	5 U		1.4	0.5 U	0.5 U	18.16	1 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-05i	IN	DP	95	2015Q1	03/04/15	10:40	0.5 U	0.98	0.5 U	0.69	0.83	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.9	1 U	5 U		2	0.5 U	0.5 U	26.31	1 U	0.5 U
MW-05i	IN	D	95	2015Q1	03/04/15	10:40	0.5 U	0.96	0.5 U	0.71	0.83	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.19	1 U	5 U		2	0.5 U	0.5 U	25.88	1 U	0.5 U
MW-05i	IN		95	2015Q3	09/09/15	12:48	0.5 U	0.78	0.5 U	0.71	0.79	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.94	1 U	5 U		2.07	0.5 U	0.5 U	23.92	1 U	0.5 U
MW-07i	IN		85	2000Q4	11/20/00		1 U	1.46	1 U	1.7	1.06	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	19.2	2 U	10 U		22	1 U	1 U	351	1 U	1 U
MW-07i	IN		85	2001Q3	07/24/01		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	13.9	5 U	25 U		24	2.5 U	2.5 U	528	2.5 U	2.5 U
MW-07i	IN		85	2001Q4	10/31/01		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	16.4	5 U	25 U		28.6	2.5 U	2.5 U	775	2.5 U	2.5 U
MW-07i	IN		85	2002Q1	01/15/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	19.3	5 U	25 U		28.8	2.5 U	2.5 U	769	2.5 U	2.5 U
MW-07i	IN		85	2002Q2	06/04/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	18.2	5 U	25 U		26.1	2.5 U	2.5 U	578	2.5 U	2.5 U
MW-07i	IN		85	2002Q3	08/26/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	19.4	5 U	25 U		27.6	2.5 U	2.5 U	579	2.5 U	2.5 U
MW-07i	IN		85	2002Q4	11/26/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	19.5	5 U	25 U		28.2	2.5 U	2.5 U	699	2.5 U	2.5 U
MW-07i	IN		85	2003Q1	02/27/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	17	5 U	25 U		27.7	2.5 U	2.5 U	685	2.5 U	2.5 U
MW-07i	IN	DP	85	2003Q2	05/29/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	17.3	5 U	25 U		27.4	2.5 U	2.5 U	658	2.5 U	2.5 U
MW-07i	IN	D	85	2003Q2	05/29/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	17.4	5 U	25 U		25.3	2.5 U	2.5 U	660	2.5 U	2.5 U
MW-07i	IN		85	2003Q3	08/26/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14.2	5 U	25 U		26.6	2.5 U	2.5 U	704	2.5 U	2.5 U
MW-07i	IN		85	2003Q4	11/14/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14.5	5 U	25 U		24.9	2.5 U	2.5 U	613	2.5 U	2.5 U
MW-07i	IN		85	2004Q1	01/30/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	13.8	5 U	25 U		24.2	2.5 U	2.5 U	534	2.5 U	2.5 U
MW-07i	IN		85	2004Q2	05/07/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.45	5 U	25 U		20.8	2.5 U	2.5 U	512	2.5 U	2.5 U
MW-07i	IN		85	2004Q3	08/19/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	12.4	5 U	25 U		18.4	2.5 U	2.5 U	394	2.5 U	2.5 U
MW-07i	IN		85	2004Q4	11/22/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	15.6	5 U	25 U		28.3	2.5 U	2.5 U	441	2.5 U	2.5 U
MW-07i	IN		85	2005Q1	02/18/05		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14	5 U	25 U		28.4	2.5 U	2.5 U	480	2.5 U	2.5 U
MW-07i	IN		85	2005Q4	11/21/05		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14	5 U	25 U		34.8	2.5 U	2.5 U	548	2.5 U	2.5 U
MW-07i	IN		85	2006Q1	03/23/06	13:00	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	12.5	5 U	25 U		32.6	2.5 U	2.5 U	497	2.5 U	2.5 U
MW-07i	IN		85	2006Q3	09/11/06	11:47	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	13	5 U	25 U		29.9	2.5 U	2.5 U	418	2.5 U	2.5 U
MW-07i	IN	DP	85	2007Q1	02/12/07	16:58	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	12.8	5 U	25 U		33.4	2.5 U	2.5 U	377	2.5 U	2.5 U
MW-07i	IN	D	85	2007Q1	02/12/07	16:58	1 U	1 U	1 U	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	13.4	2 U	10 U		33.4	1 U	1 U	374	1 U	1 U
MW-07i	IN		85	2007Q3	09/13/07	12:51	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.15	5 U	2.5 U	2.5 U	25 U	11.2	5 U	25 U		34.6	2.5 U	2.5 U	339	2.5 U	2.5 U
MW-07i	IN	DP	85	2008Q1	03/04/08	16:18	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	12.2	5 U	25 U		32.6	2.5 U	2.5 U	294	2.5 U	2.5 U
MW-07i	IN	D	85	2008Q1	03/04/08	16:18	0.5 U	1.35	0.5 U	1.12	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.9	1 U	5 U		33.4	0.5 U	0.5 U	329	0.5 U	0.5 U
MW-07i	IN		85	2008Q3	09/16/08	17:52	1.3 U	1.6	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	9.1	1.3 U	5 U	5 U	45	1.3 U	1.3 U	280	1.3 U	
MW-07i	IN		85	2009Q1	03/31/09	13:20	0.5 U	2	0.5 U	1.2	0.82	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	0.7	0.5 U	9.4	0.5 U	2 U		40	0.5 U	0.5 U	330	0.5 U	0.5 U
MW-07i	IN		85	2009Q2	06/16/09	16:59	0.5 U	1.6	0.5 U	1.2	0.86	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	0.53	0.5 U	11	0.5 U	2 U		48	0.5 U	0.5 U	330	0.5 U	0.5 U
MW-07i	IN		85	2009Q3	09/21/09	12:07	0.5 U	1.6	0.5 U	0.8	0.7	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	0.5 U	5	0.5 U	2 U		20	0.5 U	0.5 U	120	0.5 U	0.5 U
MW-07i	IN		85	2009Q4	12/17/09	10:06	0.5 U	1.5	0.5 U	0.68	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	3.5	0.5 U	2 U		15	0.5 U	0.5 U	75	0.5 U	0.5 U
MW-07i	IN		85	2010Q1	03/22/10	16:26	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	0.5 U	2 U		12	0.5 U	0.5 U	65	0.5 U	0.5 U
MW-07i	IN		85	2010Q2	06/16/10	11:12	0.5 U	0.85	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	0.5 U	0.5 U	2.1	0.5 U	2 U		8.8	0.5 U	0.5 U	53	0.5 U	0.5 U
MW-07i	IN		85	2010Q3	09/23/10	15:52	0.5 U	0.85	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	0.5 U	0.5 U	1.8	0.5 U	2 U		7.5	0.5 U	0.5 U	40	0.5 U	0.5 U
MW-07i	IN		85	2010Q4	12/09/10	10:03	0.5 U	0.64	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	0.5 U	0.5 U	1.6	0.5 U	2 U		7	0.5 U	0.5 U	33	0.5 U	0.5 U
MW-07i	IN	DP	85	2011Q1	03/21/11	16:02	0.5 U	0.7	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	0.5 U	0.5 U	0.5 U	0.5 U	1.6	0.5 U	2 U		7.4	0.5 U	0.5 U	32	0.5 U	0.5 U
MW-07i	IN	D	85	2011Q1	03/21/11	16:02	0.5 U	0.71	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	0.5 U	0.5 U	1.6	0.5 U	2 U		7.4	0.5 U	0.5 U	33	0.5 U	0.5 U
MW-07i	IN	DP	85	2011Q2	06/08/11	15:27	0.5 U	0.57	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	0.5 U	0.5 U	1.3	0.5 U	2 U		6.9	0.5 U	0.5 U	29	0.5 U	0.5 U
MW-07i	IN	D	85	2011Q2	06/08/11	15:27	0.5 U	0.56	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	0.5 U	0.5 U	1.3	0.5 U	2 U		6.8	0.5 U	0.5 U	28	0.5 U	0.5 U
MW-07i	IN		85	2011Q3	09/16/11	0:00	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	1 U	0.5 U	0.5 U	5 U	1.05	1 U	5 U		4.63	0.5 U	0.5 U	16.5	0.5 U	0.5 U
MW-07i	IN		85	2011Q4	12/07/11	15:36	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	1 U	0.5 U	0.5 U	5 U	1.07	1 U	5 U		3.98	0.5 U	0.5 U	14	0.5 U	0.5 U
MW-07i	IN		85	2012Q1	03/28/12	14:27	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	1 U	0.5 U	0.5 U	5 U	0.96 J	1 U	5 U		3.6	0.5 U	0.5 U	14	0.5 U	0.5 U
MW-07i	IN		85	2012Q2	06/19/12	13:35	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	1 U	0.5 U	0.5 U	5 U	0.79 J	1 U	5 U		3.2	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-07i	IN		85	2012Q3	09/05/12	16:23	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	0.5 U	0.5 U	0.5 U	0.68	0.5 U	1 U		3.4	0.5 U	0.5 U	11	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-07i	IN		85	2013Q1	03/19/13	12:15	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	1 U	0.5 U	0.5 U	5 U	0.82	1 U	5 U		3.5	0.5 U	0.5 U	10	0.5 U	0.5 U
MW-07i	IN		85	2013Q3	09/17/13	15:50	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2	0.5 U	0.5 U	5.5	0.5 U	0.5 U
MW-07i	IN		85	2014Q1	03/20/14	13:10	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.9	0.5 U	0.5 U	5.3	0.5 U	0.5 U
MW-07i	IN	DP	85	2014Q3	09/16/14	15:13	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.59	0.5 U	0.5 U	4.05	1 U	0.5 U
MW-07i	IN	D	85	2014Q3	09/16/14	15:13	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.67	0.5 U	0.5 U	3.96	1 U	0.5 U
MW-07i	IN		85	2015Q1	03/18/15	10:03	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.45	0.5 U	0.5 U	3.97	1 U	0.5 U
MW-15i	IN		134	2000Q4	11/17/00		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	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U		0.5 U	0.5 U	0.5 U	4.65	1 U	0.5 U
MW-15i	IN		134	2001Q3	07/18/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	5.12	0.5 U	0.5 U
MW-15i	IN		134	2001Q4	10/22/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4.17	0.5 U	0.5 U
MW-15i	IN		134	2002Q1	01/09/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4.98	0.5 U	0.5 U
MW-15i	IN		134	2002Q2	06/05/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	3.03	0.5 U	0.5 U
MW-15i	IN		134	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	2.69	0.5 U	0.5 U
MW-15i	IN		134	2002Q4	11/19/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	2.5	0.5 U	0.5 U
MW-15i	IN		134	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	2.58	0.5 U	0.5 U
MW-15i	IN		134	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	2.88	0.5 U	0.5 U
MW-15i	IN	DP	134	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	2.36	0.5 U	0.5 U
MW-15i	IN	D	134	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	2.43	0.5 U	0.5 U
MW-15i	IN		134	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.68	0.5 U	0.5 U
MW-15i	IN		134	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	2.01	0.5 U	0.5 U
MW-15i	IN		134	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.53	0.5 U	0.5 U
MW-15i	IN		134	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.85	0.5 U	0.5 U
MW-15i	IN		134	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	2.12	0.5 U	0.5 U
MW-15i	IN		134	2005Q1	02/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1.68	0.5 U	0.5 U
MW-15i	IN	DP	134	2005Q4	11/23/05		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	1 U	0.5 U	0.5 U	5 U	0.69	1 U	5 U		0.5 U	0.5 U	0.5 U	2.39	0.5 U	0.5 U
MW-15i	IN	D	134	2005Q4	11/23/05		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	1 U	0.5 U	0.5 U	5 U	0.79	1 U	5 U		0.5 U	0.5 U	0.5 U	2.43	0.5 U	0.5 U
MW-15i	IN	DP	134	2006Q1	03/24/06	9:30	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	1 U	0.5 U	0.5 U	5 U	0.85	1 U	5 U		0.5 U	0.5 U	0.5 U	2.78	0.5 U	0.5 U
MW-15i	IN	D	134	2006Q1	03/24/06	9:30	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	1 U	0.5 U	0.5 U	5 U	0.83	1 U	5 U		0.5 U	0.5 U	0.5 U	2.64	0.5 U	0.5 U
MW-15i	IN	DP	134	2006Q2	06/07/06	14:42	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	1 U	0.5 U	0.5 U	5 U	0.69	1 U	5 U		0.5 U	0.5 U	0.5 U	3.78	0.5 U	0.5 U
MW-15i	IN	D	134	2006Q2	06/07/06	14:42	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	1 U	0.5 U	0.5 U	5 U	0.67	1 U	5 U		0.5 U	0.5 U	0.5 U	3.98	0.5 U	0.5 U
MW-15i	IN		134	2006Q3	09/07/06	14:51	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	1 U	0.5 U	0.5 U	5 U	0.92	1 U	5 U		0.5 U	0.5 U	0.5 U	2.41	0.5 U	0.5 U
MW-15i	IN		134	2007Q1	02/09/07	11:07	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	1 U	0.5 U	0.5 U	5 U	0.83	1 U	5 U		0.5 U	0.5 U	0.5 U	2.53	0.5 U	0.5 U
MW-15i	IN		134	2008Q1	03/05/08	12:23	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	1 U	0.5 U	0.5 U	5 U	0.74	1 U	5 U		0.5 U	0.5 U	0.5 U	3.08	0.5 U	0.5 U
MW-15i	IN		134	2009Q1	03/26/09	11:42	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	0.5 U	0.5 U	0.5 U	0.54	0.5 U	2 U		0.5 U	0.5 U	0.5 U	5.1	0.5 U	0.5 U
MW-15i	IN		134	2009Q3	09/17/09	12:41	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	5.3	0.5 U	0.5 U
MW-15i	IN		134	2010Q1	03/18/10	14:18	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	6.4	0.5 U	0.5 U
MW-15i	IN		134	2010Q3	09/27/10	9:49	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	5.4	0.5 U	0.5 U
MW-15i	IN		134	2011Q1	03/16/11	15:01	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	5.7	0.5 U	0.5 U
MW-15i	IN		134	2011Q3	09/13/11	9:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	5.52	0.5 U	0.5 U
MW-15i	IN		134	2012Q1	03/12/12	13:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	6.1	0.5 U	0.5 U
MW-15i	IN		134	2012Q3	09/12/12	12:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	6.2	0.5 U	0.5 U
MW-15i	IN		134	2013Q1	03/18/13	12:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	7.4	0.5 U	0.5 U
MW-15i	IN		134	2013Q3	09/12/13	16:35	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	7.1	0.5 U	0.5 U
MW-15i	IN		134	2014Q1	03/12/14	10:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	8.7	0.5 U	0.5 U
MW-15i	IN		134	2014Q3	09/10/14	17:25	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4.17	1 U	0.5 U
MW-15i	IN		134	2015Q1	03/01/15	13:08	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	8.2	1 U	0.5 U
MW-15i	IN		134	2015Q3	09/03/15	16:20	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	8.36	1 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-18i	IN		125	2000Q4	11/16/00		0.5 U	0.91	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	1 U	0.5 U	0.53	5 U	1.59	1 U	5 U		2.83	0.5 U	0.5 U	12.9	0.5 U	0.5 U
MW-18i	IN		125	2001Q3	07/27/01		0.5 U	0.91	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	1 U	0.5 U	0.56	5 U	1.59	1 U	5 U		2.61	0.5 U	0.5 U	13.8	0.5 U	0.5 U
MW-18i	IN		125	2001Q4	10/24/01		0.5 U	0.7	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	1 U	0.5 U	0.51	5 U	1.38	1 U	5 U		3.04	0.5 U	0.5 U	11.7	0.5 U	0.5 U
MW-18i	IN		125	2002Q1	01/11/02		0.5 U	0.52	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	1 U	0.5 U	0.5 U	5 U	1.03	1 U	5 U		2.48	0.5 U	0.5 U	7.88	0.5 U	0.5 U
MW-18i	IN		125	2002Q2	06/04/02		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	1 U	0.5 U	0.5 U	5 U	1.27	1 U	5 U		2.34	0.5 U	0.5 U	5.87	0.5 U	0.5 U
MW-18i	IN		125	2002Q3	08/22/02		0.5 U	0.51	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	1 U	0.5 U	0.5 U	5 U	1.37	1 U	5 U		1.95	0.5 U	0.5 U	7.22	0.5 U	0.5 U
MW-18i	IN		125	2002Q4	11/22/02		0.5 U	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	1 U	0.5 U	0.5 U	5 U	2.68	1 U	5 U		3.17	0.5 U	0.5 U	22.4	0.5 U	0.5 U
MW-18i	IN		125	2003Q1	02/25/03		0.5 U	1.34	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	1 U	0.5 U	0.5 U	5 U	2.83	1 U	5 U		3.76	0.5 U	0.5 U	32.6	0.5 U	0.5 U
MW-18i	IN		125	2003Q2	05/28/03		0.5 U	1.25	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	1 U	0.5 U	0.5 U	5 U	2.8	1 U	5 U		3.71	0.5 U	0.5 U	24.8	0.5 U	0.5 U
MW-18i	IN		125	2003Q3	08/27/03		0.5 U	0.78	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	1 U	0.5 U	0.5 U	5 U	2.06	1 U	5 U		3.38	0.5 U	0.5 U	18.8	0.5 U	0.5 U
MW-18i	IN		125	2003Q4	11/12/03		0.5 U	0.65	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	1 U	0.5 U	0.5 U	5 U	1.67	1 U	5 U		2.8	0.5 U	0.5 U	13.4	0.5 U	0.5 U
MW-18i	IN		125	2004Q1	01/27/04		0.5 U	0.74	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	1 U	0.5 U	0.5 U	5 U	1.87	1 U	5 U		3.14	0.5 U	0.5 U	15.6	0.5 U	0.5 U
MW-18i	IN		125	2004Q2	05/06/04		0.5 U	0.69	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	1 U	0.5 U	0.5 U	5 U	1.86	1 U	5 U		2.89	0.5 U	0.5 U	13.2	0.5 U	0.5 U
MW-18i	IN		125	2004Q3	08/25/04		0.5 U	0.72	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	1 U	0.5 U	0.5 U	5 U	1.94	1 U	5 U		3.27	0.5 U	0.5 U	13.2	0.5 U	0.5 U
MW-18i	IN		125	2004Q4	11/17/04		0.5 U	0.55	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	1 U	0.5 U	0.5 U	5 U	1.55	1 U	5 U		3.17	0.5 U	0.5 U	11.5	0.5 U	0.5 U
MW-18i	IN		125	2005Q1	02/15/05		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	1 U	0.5 U	0.5 U	5 U	1.48	1 U	5 U		2.75	0.5 U	0.5 U	11.2	0.5 U	0.5 U
MW-18i	IN		125	2005Q4	11/17/05		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	1 U	0.5 U	0.5 U	5 U	0.91	1 U	5 U		2.21	0.5 U	0.5 U	6.45	0.5 U	0.5 U
MW-18i	IN		125	2006Q1	03/24/06	9:09	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	1 U	0.5 U	0.5 U	5 U	0.87	1 U	5 U		2.07	0.5 U	0.5 U	6.76	0.5 U	0.5 U
MW-18i	IN		125	2006Q3	09/08/06	16:06	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	1 U	0.5 U	0.5 U	5 U	0.84	1 U	5 U		1.94	0.5 U	0.5 U	6.44	0.5 U	0.5 U
MW-18i	IN		125	2007Q1	02/06/07	10:03	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.75	0.5 U	0.5 U	5.56	0.5 U	0.5 U
MW-18i	IN		125	2007Q3	09/11/07	9:15	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	1 U	0.5 U	0.5 U	5 U	0.81	1 U	5 U		3.05	0.5 U	0.5 U	11.1	0.5 U	0.5 U
MW-18i	IN		125	2008Q1	03/04/08	14:39	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	1 U	0.5 U	0.5 U	5 U	0.86	1 U	5 U		2.49	0.5 U	0.5 U	9.56	0.5 U	0.5 U
MW-18i	IN	DP	125	2008Q3	09/18/08	10:24	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	0.5 U	0.5 U	0.5 U	0.69	0.5 U	2 U		2.8	0.5 U	0.5 U	8.6	0.5 U	0.5 U
MW-18i	IN	D	125	2008Q3	09/18/08	12:00	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	0.5 U	0.5 U	0.5 U	0.66	0.5 U	2 U		2.5	0.5 U	0.5 U	8	0.5 U	0.5 U
MW-18i	IN		125	2009Q1	03/30/09	12:50	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.6	0.5 U	0.5 U	6.3	0.5 U	0.5 U
MW-18i	IN		125	2009Q3	09/15/09	11:28	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.8	0.5 U	0.5 U	6	0.5 U	0.5 U
MW-18i	IN		125	2010Q1	03/22/10	10:35	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.2	0.5 U	0.5 U	6.9	0.5 U	0.5 U
MW-18i	IN		125	2010Q3	09/27/10	10:26	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.3	0.5 U	0.5 U	7.4	0.5 U	0.5 U
MW-18i	IN		125	2011Q1	03/16/11	16:01	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.9	0.5 U	0.5 U	6.2	0.5 U	0.5 U
MW-18i	IN		125	2011Q3	09/13/11	10:01	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	1 U	0.5 U	0.5 U	5 U	0.52	1 U	5 U		2	0.5 U	0.5 U	6.5	0.5 U	0.5 U
MW-18i	IN		125	2012Q1	03/12/12	14:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.8	0.5 U	0.5 U	5.7	0.5 U	0.5 U
MW-18i	IN		125	2012Q3	09/14/12	13:23	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2	0.5 U	0.5 U	6.2	0.5 U	0.5 U
MW-18i	IN		125	2013Q1	03/08/13	14:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2	0.5 U	0.5 U	5.8	0.5 U	0.5 U
MW-18i	IN		125	2013Q3	09/13/13	9:55	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.54	1 U	5 U		2.1	0.5 U	0.5 U	5.7	0.5 U	0.5 U
MW-18i	IN		125	2014Q1	03/12/14	15:05	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.8	0.5 U	0.5 U	4.1	0.5 U	0.5 U
MW-18i	IN		125	2014Q3	09/10/14	11:55	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.5	0.5 U	0.5 U	4.46	1 U	0.5 U
MW-18i	IN		125	2015Q1	03/03/15	16:14	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.2	0.5 U	0.5 U	6.3	1 U	0.5 U
MW-18i	IN	DP	125	2015Q3	09/10/15	11:15	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.07	0.5 U	0.5 U	5.19	1 U	0.5 U
MW-18i	IN	D	125	2015Q3	09/10/15	0:00	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.79	0.5 U	0.5 U	5.24	1 U	0.5 U
MW-19i	IN		125	2000Q4	12/08/00		0.5 U	1.21	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	1 U	0.5 U	0.5 U	5 U	2.89	1 U	5 U		3.51	0.5 U	0.5 U	40.3	0.5 U	0.5 U
MW-19i	IN		125	2001Q3	07/27/01		0.5 U	2	0.5 U	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.87	1 U	5 U		5.72	0.5 U	0.5 U	76.8	0.5 U	0.5 U
MW-19i	IN		125	2001Q4	10/30/01		0.5 U	1.47	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	1 U	0.5 U	0.5 U	5 U	2.45	1 U	5 U		4.78	0.5 U	0.5 U	57.5	0.5 U	0.5 U
MW-19i	IN		125	2002Q1	01/11/02		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	1 U	0.5 U	0.5 U	5 U	0.82	1 U	5 U		1.54	0.5 U	0.5 U	19.2	0.5 U	0.5 U
MW-19i	IN		125	2002Q2	06/03/02		0.5 U	1.06	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	1 U	0.5 U	0.5 U	5 U	1.86	1 U	5 U		3.73	0.5 U	0.5 U	39.8	0.5 U	0.5 U
MW-19i	IN		125	2002Q3	08/25/02		0.5 U	2.57	0.5 U	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.88	1 U	5 U		7.56	0.5 U	0.5 U	75	0.5 U	0.5 U
MW-19i	IN		125	2002Q4	11/26/02		0.5 U	2.4	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.26	1 U	5 U		8.05	0.5 U	0.5 U	64.3	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-19i	IN		125	2003Q1	02/26/03		0.5 U	1.25	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	1 U	0.5 U	0.5 U	5 U	1.89	1 U	5 U		4.34	0.5 U	0.5 U	42.8	0.5 U	0.5 U
MW-19i	IN		125	2003Q2	05/29/03		0.5 U	2.4	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	1 U	0.5 U	0.5 U	5 U	3.54	1 U	5 U		8.22	0.5 U	0.5 U	75.1	0.5 U	0.5 U
MW-19i	IN		125	2003Q3	08/28/03		0.5 U	2.35	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	1 U	0.5 U	0.5 U	5 U	3.47	1 U	5 U		10.5	0.5 U	0.5 U	73.6	0.5 U	0.5 U
MW-19i	IN		125	2003Q4	11/13/03		0.5 U	1.49	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	1 U	0.5 U	0.5 U	5 U	2.78	1 U	5 U		6.86	0.5 U	0.5 U	37.4	0.5 U	0.5 U
MW-19i	IN		125	2004Q1	01/29/04		0.5 U	1.27	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	1 U	0.5 U	0.5 U	5 U	2.03	1 U	5 U		5.64	0.5 U	0.5 U	38	0.5 U	0.5 U
MW-19i	IN		125	2004Q2	05/06/04		0.5 U	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	1 U	0.5 U	0.5 U	5 U	2.02	1 U	5 U		5.1	0.5 U	0.5 U	25.8	0.5 U	0.5 U
MW-19i	IN		125	2004Q3	08/18/04		0.5 U	1.82	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	1 U	0.5 U	0.5 U	5 U	2.94	1 U	5 U		7.46	0.5 U	0.5 U	46	0.5 U	0.5 U
MW-19i	IN		125	2004Q4	11/18/04		0.5 U	1.3	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	1 U	0.5 U	0.5 U	5 U	2.51	1 U	5 U		6.46	0.5 U	0.5 U	43.4	0.5 U	0.5 U
MW-19i	IN		125	2005Q1	02/16/05		0.5 U	1.11	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	1 U	0.5 U	0.5 U	5 U	2.47	1 U	5 U		6.52	0.5 U	0.5 U	37.6	0.5 U	0.5 U
MW-19i	IN		125	2005Q2	05/19/05		0.5 U	0.63	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	1 U	0.5 U	0.5 U	5 U	1.35	1 U	5 U		4.52	0.5 U	0.5 U	22.6	0.5 U	0.5 U
MW-19i	IN		125	2005Q3	08/17/05		0.5 U	1.21	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	1 U	0.5 U	0.5 U	5 U	2.64	1 U	5 U		6.94	0.5 U	0.5 U	42.2	0.5 U	0.5 U
MW-19i	IN		125	2005Q4	11/18/05		0.5 U	1.21	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	1 U	0.5 U	0.5 U	5 U	2.5	1 U	5 U		6.78	0.5 U	0.5 U	44.3	0.5 U	0.5 U
MW-19i	IN		125	2006Q1	03/23/06	10:10	0.5 U	0.86	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	1 U	0.5 U	0.5 U	5 U	1.67	1 U	5 U		5.28	0.5 U	0.5 U	29.7	0.5 U	0.5 U
MW-19i	IN		125	2006Q2	06/02/06	12:17	0.5 U	0.58	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	1 U	0.5 U	0.5 U	5 U	0.94	1 U	5 U		3.77	0.5 U	0.5 U	17.6	0.5 U	0.5 U
MW-19i	IN		125	2006Q3	09/11/06	9:55	0.5 U	0.81	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	1 U	0.5 U	0.5 U	5 U	1.65	1 U	5 U		4.19	0.5 U	0.5 U	21.5	0.5 U	0.5 U
MW-19i	IN		125	2007Q1	02/05/07	15:33	0.5 U	0.61	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	1 U	0.5 U	0.5 U	5 U	1.15	1 U	5 U		4.22	0.5 U	0.5 U	17.6	0.5 U	0.5 U
MW-19i	IN		125	2007Q3	09/10/07	14:16	0.5 U	0.68	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	1 U	0.5 U	0.5 U	5 U	1.24	1 U	5 U		4.75	0.5 U	0.5 U	20.4	0.5 U	0.5 U
MW-19i	IN		125	2008Q1	02/29/08	15:14	0.5 U	0.58	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	1 U	0.5 U	0.5 U	5 U	1.18	1 U	5 U		3.55	0.5 U	0.5 U	16.1	0.5 U	0.5 U
MW-19i	IN		125	2008Q3	09/17/08	15:19	0.5 U	0.58	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	0.5 U	1.1	0.5 U	2 U		4.3	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-19i	IN		125	2009Q1	03/23/09	14:58	0.5 U	0.6	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	0.5 U	1	0.5 U	2 U		3.4	0.5 U	0.5 U	16	0.5 U	0.5 U
MW-19i	IN		125	2009Q2	06/15/09	11:27	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.7	0.5 U	0.5 U	6.6	0.5 U	0.5 U
MW-19i	IN		125	2009Q3	09/16/09	12:09	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	0.5 U	0.5 U	0.5 U	1	0.5 U	2 U		4.2	0.5 U	0.5 U	14	0.5 U	0.5 U
MW-19i	IN		125	2010Q1	03/16/10	10:50	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.4	0.5 U	0.5 U	6.8	0.5 U	0.5 U
MW-19i	IN		125	2010Q3	09/24/10	13:03	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.4	0.5 U	0.5 U	3.9	0.5 U	0.5 U
MW-19i	IN		125	2011Q1	03/15/11	12:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.96	0.5 U	0.5 U	2.5	0.5 U	0.5 U
MW-19i	IN		125	2011Q3	09/14/11	10:54	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.16	0.5 U	0.5 U	1.96	0.5 U	0.5 U
MW-19i	IN		125	2012Q1	03/12/12	10:26	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.75 J	0.5 U	0.5 U	1.7	0.5 U	0.5 U
MW-19i	IN		125	2012Q3	09/14/12	11:02	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	1.8	0.5 U	0.5 U
MW-19i	IN	DP	125	2013Q1	03/18/13	9:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1	0.5 U	0.5 U	1.9	0.5 U	0.5 U
MW-19i	IN	D	125	2013Q1	03/18/13	9:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.98	0.5 U	0.5 U	2	0.5 U	0.5 U
MW-19i	IN		125	2013Q3	09/13/13	13:24	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	1.3	0.5 U	0.5 U
MW-19i	IN		125	2014Q1	03/14/14	10:40	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-19i	IN		125	2014Q3	09/09/14	14:09	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.88	0.5 U	0.5 U	1.02	1 U	0.5 U
MW-19i	IN		125	2015Q1	03/16/15	14:00	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.72	1 U	0.5 U
MW-24i	IN		118	2001Q3	07/19/01		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	1 U	0.5 U	1.16	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2001Q4	10/24/01		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	1 U	0.5 U	1.07	5 U	0.5 U	1 U	5 U		1.48	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2002Q1	01/14/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.31	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2002Q2	06/05/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2002Q3	08/28/02		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	1 U	0.5 U	1	5 U	0.5 U	1 U	5 U		0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2002Q4	11/20/02		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	1 U	0.5 U	0.87	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2003Q1	02/28/03		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	1 U	0.5 U	0.92	5 U	0.5 U	1 U	5 U		1.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2003Q2	05/30/03		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	1 U	0.5 U	0.94 UB	5 U	0.5 U	1 U	5 U		0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2003Q3	08/29/03		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	1 U	0.5 U	0.74	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2003Q4	11/14/03		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	1 U	0.5 U	0.83	5 U	0.5 U	1 U	5 U		0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2004Q1	02/02/04		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	1 U	0.5 U	0.86	5 U	0.5 U	1 U	5 U		1.07	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2004Q2	05/07/04		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	1 U	0.5 U	0.88 UB	5 U	0.5 U	1 U	5 U		0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-24i	IN		118	2004Q3	08/20/04		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	1 U	0.5 U	0.8	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2004Q4	11/22/04		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	1 U	0.5 U	0.74	5 U	0.5 U	1 U	5 U		0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2005Q1	02/14/05		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	1 U	0.5 U	0.7 UB	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2005Q4	11/23/05		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	1 U	0.5 U	0.64	5 U	0.5 U	1 U	5 U		1.05	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2006Q1	03/21/06	17:16	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	1 U	0.5 U	0.69	5 U	0.5 U	1 U	5 U		1.11	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2007Q1	02/06/07	12:44	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	1 U	0.5 U	0.56	5 U	0.5 U	1 U	5 U		0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2008Q1	02/25/08	16:28	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	1 U	0.5 U	0.57	5 U	0.5 U	1 U	5 U		2.15	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2009Q1	03/26/09	17:51	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	0.5 U	0.63	0.5 U	0.5 U	0.5 U	2 U		0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2009Q3	09/14/09	14:32	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	0.5 U	0.58	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
MW-24i	IN		118	2010Q1	03/17/10	15:12	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	0.5 U	0.64	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
MW-24i	IN		118	2010Q3	09/21/10	16:15	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	0.5 U	0.72 UB	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
MW-24i	IN		118	2011Q1	03/15/11	16:05	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	0.5 U	0.55	0.5 U	0.5 U	0.5 U	2 U		0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2011Q3	09/13/11	12:18	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	1 U	0.5 U	0.53	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2012Q1	03/12/12	17:41	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2012Q3	09/04/12	13:05	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	0.5 U	0.58	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
MW-24i	IN		118	2013Q1	03/07/13	10:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2013Q3	09/11/13	12:40	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2014Q1	03/10/14	15:50	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	IN		118	2014Q3	09/17/14	11:31	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-24i	IN		118	2015Q1	03/05/15	15:05	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-26i	IN		108	2001Q3	07/19/01		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	1 U	0.5 U	0.83	5 U	0.5 U	1 U	5 U		0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2001Q4	10/24/01		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	1 U	0.5 U	0.82	5 U	0.5 U	1 U	5 U		0.75	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2002Q1	02/04/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.87	0.5 U	0.5 U
MW-26i	IN		108	2002Q2	06/05/02		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	1 U	0.5 U	0.8	5 U	0.5 U	1 U	5 U		0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2002Q3	08/28/02		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	1 U	0.5 U	0.92	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.85	0.5 U	0.5 U
MW-26i	IN		108	2002Q4	11/20/02		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	1 U	0.5 U	0.84	5 U	0.5 U	1 U	5 U		0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2003Q1	02/28/03		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	1 U	0.5 U	0.8	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.7	0.5 U	0.5 U
MW-26i	IN		108	2003Q2	05/30/03		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	1 U	0.5 U	0.78 UB	5 U	0.5 U	1 U	5 U		0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2003Q3	08/29/03		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	1 U	0.5 U	0.71	5 U	0.5 U	1 U	5 U		0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2003Q4	11/14/03		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	1 U	0.5 U	0.7	5 U	0.5 U	1 U	5 U		0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2004Q1	02/02/04		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	1 U	0.5 U	0.68	5 U	0.5 U	1 U	5 U		0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2004Q2	05/07/04		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	1 U	0.5 U	0.64 UB	5 U	0.5 U	1 U	5 U		0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2004Q3	08/20/04		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	1 U	0.5 U	0.77	5 U	0.5 U	1 U	5 U		0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2004Q4	11/22/04		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	1 U	0.5 U	0.62	5 U	0.5 U	1 U	5 U		0.58	0.5 U	0.5 U	0.54	0.5 U	0.5 U
MW-26i	IN		108	2005Q1	02/23/05		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	1 U	0.5 U	0.54	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.69	0.5 U	0.5 U
MW-26i	IN		108	2005Q4	11/28/05		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	1 U	0.5 U	0.68	5 U	0.5 U	1 U	5 U		0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2006Q1	03/21/06	17:25	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	1 U	0.5 U	0.59	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.59	0.5 U	0.5 U
MW-26i	IN		108	2007Q1	02/09/07	11:33	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.73	0.5 U	0.5 U
MW-26i	IN		108	2008Q1	02/26/08	10:34	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	1 U	0.5 U	0.52	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.56	0.5 U	0.5 U
MW-26i	IN		108	2009Q1	03/27/09	9:41	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	0.5 U	0.73	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
MW-26i	IN		108	2009Q3	09/14/09	15:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.62	0.5 U	0.5 U
MW-26i	IN		108	2010Q1	03/17/10	14:03	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	0.5 U	0.65	0.5 U	0.5 U	0.5 U	2 U		0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2010Q3	09/21/10	15:34	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	0.74	0.5 U	0.5 U
MW-26i	IN		108	2011Q1	03/16/11	17:04	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	0.5 U	0.6	0.5 U	0.5 U	0.5 U	2 U		0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2011Q3	09/15/11	16:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.69	0.5 U	0.5 U
MW-26i	IN		108	2012Q1	03/27/12	10:55	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	1 U	0.5 U	0.5 J	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-26i	IN		108	2012Q3	09/04/12	15:00	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.5 U
MW-26i	IN		108	2013Q1	03/07/13	12:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2013Q3	09/12/13	9:40	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2014Q1	03/10/14	14:48	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	IN		108	2014Q3	09/17/14	12:26	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-26i	IN		108	2015Q1	03/05/15	16:20	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-28i	IN		80	2001Q3	07/23/01		0.5 U	0.56	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	1 U	0.5 U	0.5 U	5 U	2.96	1 U	5 U		3.79	0.5 U	0.5 U	66.8	0.5 U	0.5 U
MW-28i	IN	DP	80	2001Q4	10/22/01		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	1 U	0.5 U	0.5 U	5 U	0.62	1 U	5 U		1.08	0.5 U	0.5 U	3.76	0.5 U	0.5 U
MW-28i	IN	D	80	2001Q4	10/22/01		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	1 U	0.5 U	0.5 U	5 U	0.68	1 U	5 U		1.03	0.5 U	0.5 U	3.81	0.5 U	0.5 U
MW-28i	IN		80	2002Q1	01/31/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.03	0.5 U	0.5 U	6.67	0.5 U	0.5 U
MW-28i	IN		80	2002Q2	06/05/02		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	1 U	0.5 U	0.5 U	5 U	0.69	1 U	5 U		1.56	0.5 U	0.5 U	6.02	0.5 U	0.5 U
MW-28i	IN		80	2002Q3	08/28/02		1 U	5.88	1 U	1 U	1.28	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	7.52	2 U	10 U		18	1 U	1 U	198	1 U	1 U
MW-28i	IN		80	2002Q4	11/19/02		0.5 U	1.49	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	1 U	0.5 U	0.5 U	5 U	3.35	1 U	5 U		6.56	0.5 U	0.5 U	58	0.5 U	0.5 U
MW-28i	IN		80	2003Q1	02/26/03		0.5 U	2.81	0.5 U	0.71	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.75	1 U	5 U		12.4	0.5 U	0.5 U	127	0.5 U	0.5 U
MW-28i	IN		80	2003Q2	05/28/03		0.5 U	0.86	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.23	1 U	5 U		7.78	0.5 U	0.5 U	51	0.5 U	0.5 U
MW-28i	IN		80	2003Q3	08/28/03		0.5 U	3.31	0.5 U	0.69	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.46	1 U	5 U		17.3	0.5 U	0.5 U	142	0.5 U	0.5 U
MW-28i	IN		80	2003Q4	11/12/03		0.5 U	0.79	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	1 U	0.5 U	0.5 U	5 U	3.23	1 U	5 U		6.75	0.5 U	0.5 U	35.6	0.5 U	0.5 U
MW-28i	IN		80	2004Q1	01/28/04		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	1 U	0.5 U	0.5 U	5 U	1.69	1 U	5 U		4.71	0.5 U	0.5 U	11.9	0.5 U	0.5 U
MW-28i	IN	DP	80	2004Q2	05/06/04		0.5 U	4.19	0.5 U	0.56	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.32	1 U	5 U		18.8	0.5 U	0.5 U	118	0.5 U	0.5 U
MW-28i	IN	D	80	2004Q2	05/06/04		0.5 U	4.09	0.5 U	0.57	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.3	1 U	5 U		17.6	0.5 U	0.5 U	116	0.5 U	0.5 U
MW-28i	IN		80	2004Q3	08/25/04		0.5 U	2.12	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.39	1 U	5 U		13.8	0.5 U	0.5 U	72	0.5 U	0.5 U
MW-28i	IN		80	2004Q4	11/17/04		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	1 U	0.5 U	0.5 U	5 U	1.91	1 U	5 U		5.44	0.5 U	0.5 U	15.6	0.5 U	0.5 U
MW-28i	IN		80	2005Q1	02/10/05		0.5 U	0.61	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.85	1 U	5 U		8.61	0.5 U	0.5 U	33.2	0.5 U	0.5 U
MW-28i	IN		80	2005Q2	05/19/05		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	1 U	0.5 U	0.5 U	5 U	0.64	1 U	5 U		2.64	0.5 U	0.5 U	4.97	0.5 U	0.5 U
MW-28i	IN		80	2005Q3	08/17/05		0.5 U	3.25	0.5 U	0.8	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.23	1 U	5 U		25.3	0.5 U	0.5 U	160	0.5 U	0.5 U
MW-28i	IN		80	2005Q4	11/21/05		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	1 U	0.5 U	0.5 U	5 U	1.63	1 U	5 U		5.32	0.5 U	0.5 U	15.1	0.5 U	0.5 U
MW-28i	IN	DP	80	2006Q1	03/21/06	12:35	0.5 U	2.75	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.9	1 U	5 U		13.5	0.5 U	0.5 U	60.4	0.5 U	0.5 U
MW-28i	IN	D	80	2006Q1	03/21/06	12:35	0.5 U	2.72	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.87	1 U	5 U		13.2	0.5 U	0.5 U	61.3	0.5 U	0.5 U
MW-28i	IN		80	2006Q2	06/06/06	15:52	0.5 U	0.58	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	1 U	0.5 U	0.5 U	5 U	1.12	1 U	5 U		5.65	0.5 U	0.5 U	20.8	0.5 U	0.5 U
MW-28i	IN		80	2006Q3	09/08/06	12:35	0.5 U	1.35	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	1 U	0.5 U	0.5 U	5 U	2.29	1 U	5 U		6.99	0.5 U	0.5 U	30.6	0.5 U	0.5 U
MW-28i	IN	DP	80	2007Q1	02/08/07	13:59	0.5 U	1.55	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	1 U	0.5 U	0.5 U	5 U	2.15	1 U	5 U		9.44	0.5 U	0.5 U	42.9	0.5 U	0.5 U
MW-28i	IN	D	80	2007Q1	02/08/07	13:59	0.5 U	1.65	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	1 U	0.5 U	0.5 U	5 U	2.43	1 U	5 U		9.96	0.5 U	0.5 U	44.8	0.5 U	0.5 U
MW-28i	IN		80	2007Q3	09/11/07	11:17	0.5 U	1.71 J	0.5 U	0.51 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJ	5 U	2.43 J	1 U	5 U		10.8 J	0.5 U	0.5 U	44.6 J	0.5 U	0.5 U
MW-28i	IN	DP	80	2008Q1	03/03/08	11:38	0.5 U	1.34	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.56	1 U	5 U		10.3	0.5 U	0.5 U	45.9	0.5 U	0.5 U
MW-28i	IN	D	80	2008Q1	03/03/08	11:38	0.5 U	1.37	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.6	1 U	5 U		10.4	0.5 U	0.5 U	46.3	0.5 U	0.5 U
MW-28i	IN		80	2008Q3	09/18/08	13:14	0.5 U	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	0.5 U	0.5 U	0.5 U	1.7	0.5 U	2 U		7.3	0.5 U	0.5 U	26	0.5 U	0.5 U
MW-28i	IN	DP	80	2009Q1	03/30/09	15:22	0.5 U	0.51	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	0.5 U	2.3	0.5 U	2 U		7.6	0.5 U	0.5 U	37	0.5 U	0.5 U
MW-28i	IN	D	80	2009Q1	03/30/09	15:22	0.5 U	0.6	0.5 U	0.52	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	2.2	0.5 U	2 U		7.5	0.5 U	0.5 U	37	0.5 U	0.5 U
MW-28i	IN		80	2009Q2	06/18/09	11:36	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	0.5 U	0.5 U	0.5 U	0.79	0.5 U	2 U		4.1	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-28i	IN		80	2009Q3	09/15/09	14:22	0.5 U	0.67	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	0.5 U	1.4	0.5 U	2 U		6.5	0.5 U	0.5 U	18	0.5 U	0.5 U
MW-28i	IN		80	2009Q4	12/16/09	16:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.7	0.5 U	0.5 U	6	0.5 U	0.5 U
MW-28i	IN		80	2010Q1	03/19/10	13:57	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	0.5 U	0.5 U	0.5 U	0.73	0.5 U	2 U		3.1	0.5 U	0.5 U	8.8	0.5 U	0.5 U
MW-28i	IN		80	2010Q3	09/27/10	13:23	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	0.5 U	0.5 U	0.5 U	0.67	0.5 U	2 U		2.3	0.5 U	0.5 U	6.2	0.5 U	0.5 U
MW-28i	IN		80	2010Q4	12/07/10	13:11	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.4	0.5 U	0.5 U	2.8	0.5 U	0.5 U
MW-28i	IN		80	2011Q1	03/21/11	12:52	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.1	0.5 U	0.5 U	1.6	0.5 U	0.5 U
MW-28i	IN		80	2011Q3	09/15/11	11:41	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.42	0.5 U	0.5 U	3.88	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-28i	IN		80	2012Q1	03/15/12	13:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.92 J	0.5 U	0.5 U	1.7	0.5 U	0.5 U
MW-28i	IN		80	2012Q3	09/12/12	14:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	3.2	0.5 U	0.5 U
MW-28i	IN		80	2013Q1	03/19/13	10:22	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	2.9	0.5 U	0.5 U
MW-28i	IN	DP	80	2013Q3	09/13/13	11:25	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.3	0.5 U	0.5 U	1.5	0.5 U	0.5 U
MW-28i	IN	D	80	2013Q3	09/13/13	11:25	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	1.6	0.5 U	0.5 U
MW-28i	IN	DP	80	2014Q1	03/19/14	13:55	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28i	IN	D	80	2014Q1	03/19/14	13:55	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28i	IN		80	2014Q3	09/10/14	14:07	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.85	0.5 U	0.5 U	1.72	1 U	0.5 U
MW-28i	IN		80	2015Q1	03/05/15	11:35	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.74	0.5 U	0.5 U	1.6	1 U	0.5 U
MW-28i	IN		80	2015Q3	09/10/15	9:22	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.6	0.5 U	0.5 U	0.88	1 U	0.5 U
MW-29i	IN		120	2001Q3	07/18/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2001Q4	11/06/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2002Q1	01/11/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2002Q2	06/21/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2002Q4	11/19/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2005Q1	02/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2005Q4	11/28/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2006Q1	03/23/06	11:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2007Q1	02/09/07	10:33	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2008Q1	03/05/08	15:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2009Q1	03/24/09	17:25	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	0.5 U	0.5 U	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
MW-29i	IN		120	2009Q3	09/16/09	14:03	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	0.5 U	0.5 U	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
MW-29i	IN		120	2010Q1	03/19/10	11:11	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	0.5 U	0.5 U	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
MW-29i	IN		120	2011Q1	03/17/11	14:27	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	2.4	0.5 U	0.5 U
MW-29i	IN		120	2012Q1	03/08/12	17:04	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U
MW-29i	IN		120	2013Q1	03/21/13	16:18	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	IN		120	2014Q1	03/17/14	10:20	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.69	0.5 U	0.5 U
MW-29i	IN		120	2015Q1	03/18/15	14:02	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.56	1 U	0.5 U
MW-30i	IN		80	2003Q1	03/04/03		0.5 U	0.73	0.5 U	1.13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.7	1 U	5 U		26.6	0.5 U	0.5 U	13.7	0.5 U	0.5 U
MW-30i	IN		80	2003Q2	05/28/03		0.5 U	0.65	0.5 U	1.08	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.7	1 U	5 U		22.6	0.5 U	0.5 U	12.7	0.5 U	0.5 U
MW-30i	IN		80	2003Q3	08/26/03		0.5 U	0.81	0.5 U	1.08	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.8	1 U	5 U		31.6	0.5 U	0.5 U	19	0.5 U	0.5 U
MW-30i	IN		80	2003Q4	11/11/03		0.5 U	0.6	0.5 U	1.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.4	1 U	5 U		24.7	0.5 U	0.5 U	12.8	0.5 U	0.5 U
MW-30i	IN		80	2004Q1	01/27/04		0.5 U	0.5 U	0.5 U	0.76	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.21	1 U	5 U		13.2	0.5 U	0.5 U	6.17	0.5 U	0.5 U
MW-30i	IN		80	2004Q2	05/04/04		0.5 U	0.56	0.5 U	1.01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.1	1 U	5 U		22.2	0.5 U	0.5 U	11.6	0.5 U	0.5 U
MW-30i	IN		80	2004Q3	08/25/04		0.5 U	0.62	0.5 U	0.96	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.82	1 U	5 U		22.1	0.5 U	0.5 U	11.2	0.5 U	0.5 U
MW-30i	IN	DP	80	2004Q4	11/16/04		0.5 U	0.5 U	0.5 U	0.94	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.82	1 U	5 U		17	0.5 U	0.5 U	9.7	0.5 U	0.5 U
MW-30i	IN	D	80	2004Q4	11/16/04		0.5 U	0.5 U	0.5 U	0.99	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.88	1 U	5 U		16.9	0.5 U	0.5 U	9.36	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-30i	IN		80	2005Q1	02/10/05		0.5 U	0.5 U	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5	1 U	5 U		9.51	0.5 U	0.5 U	4.6	0.5 U	0.5 U
MW-30i	IN		80	2005Q4	11/16/05		0.5 U	0.5 U	0.5 U	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.7	1 U	5 U		10.9	0.5 U	0.5 U	6.65	0.5 U	0.5 U
MW-30i	IN		80	2006Q1	03/20/06	16:35	0.5 U	0.5 U	0.5 U	0.76	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.43	1 U	5 U		13.6	0.5 U	0.5 U	8.68	0.5 U	0.5 U
MW-30i	IN		80	2006Q3	09/06/06	13:56	0.5 U	0.5 U	0.5 U	0.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.38	1 U	5 U		12.6	0.5 U	0.5 U	8.54	0.5 U	0.5 U
MW-30i	IN		80	2007Q1	02/07/07	10:31	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.45	1 U	5 U		10.3	0.5 U	0.5 U	6.57	0.5 U	0.5 U
MW-30i	IN		80	2007Q3	09/11/07	13:27	0.5 U	0.5 UJ	0.5 U	0.76 J	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJ	5 U	8.11 J	1 U	5 U		15.4 J	0.5 U	0.5 U	11.7 J	0.5 U	0.5 U
MW-30i	IN		80	2008Q1	03/05/08	15:38	0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.46	1 U	5 U		12.2	0.5 U	0.5 U	7.95	0.5 U	0.5 U
MW-30i	IN		80	2008Q3	09/18/08	17:22	0.5 U	0.5 U	0.5 U	0.54	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	5.3	0.5 U	2 U		12	0.5 U	0.5 U	8	0.5 U	0.5 U
MW-30i	IN		80	2009Q1	03/26/09	14:29	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	0.5 U	0.5 U	0.5 U	0.85	0.5 U	2 U		0.86	0.5 U	0.5 U	0.99	0.5 U	0.5 U
MW-30i	IN		80	2009Q2	06/15/09	16:37	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	0.5 U	0.5 U	0.5 U	0.81	0.5 U	2 U		2.9	0.5 U	0.5 U	1.4	0.5 U	0.5 U
MW-30i	IN		80	2009Q3	09/16/09	14:35	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	0.5 U	0.5 U	0.5 U	1.4	0.5 U	2 U		3.4	0.5 U	0.5 U	1.9	0.5 U	0.5 U
MW-30i	IN		80	2009Q4	12/14/09	12:13	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.1	0.5 U	0.5 U	0.77	0.5 U	0.5 U
MW-30i	IN		80	2010Q1	03/16/10	12:47	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	0.5 U	0.5 U	0.5 U	3.6	0.5 U	2 U		5.1	0.5 U	0.5 U	2.7	0.5 U	0.5 U
MW-30i	IN		80	2010Q2	06/14/10	14:02	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-30i	IN		80	2010Q3	09/22/10	10:31	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	0.5 U	0.5 U	0.5 U	1.9	0.5 U	2 U		3.2	0.5 U	0.5 U	2.5	0.5 U	0.5 U
MW-30i	IN		80	2010Q4	12/07/10	11:00	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	0.5 U	0.5 U	0.5 U	0.64	0.5 U	2 U		1.5	0.5 U	0.5 U	0.87	0.5 U	0.5 U
MW-30i	IN		80	2011Q1	03/10/11	12:49	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-30i	IN		80	2011Q2	06/07/11	13:25	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	0.5 U	0.5 U	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
MW-30i	IN		80	2011Q3	09/14/11	11:39	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	1 U	0.5 U	0.5 U	5 U	0.56	1 U	5 U		1.33	0.5 U	0.5 U	1.38	0.5 U	0.5 U
MW-30i	IN		80	2011Q4	12/06/11	15:13	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-30i	IN		80	2012Q1	03/08/12	16:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.6 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-30i	IN		80	2012Q2	06/20/12	12:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-30i	IN		80	2012Q3	09/11/12	11:07	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.91	0.5 U	0.5 U	0.72	0.5 U	0.5 U
MW-30i	IN		80	2013Q1	03/11/13	13:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.95	0.5 U	0.5 U	0.57	0.5 U	0.5 U
MW-30i	IN		80	2013Q3	09/16/13	10:55	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-30i	IN		80	2014Q1	03/17/14	11:20	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-30i	IN		80	2014Q3	09/12/14	14:25	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-30i	IN		80	2015Q1	03/03/15	13:29	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-30i	IN		80	2015Q3	09/09/15	17:19	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-31i	IN		80	2003Q1	03/04/03		0.5 U	1.02	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.5	1 U	5 U		47.7	0.5 U	0.5 U	23.7	0.5 U	0.5 U
MW-31i	IN		80	2003Q2	05/27/03		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	1 U	0.5 U	0.5 U	5 U	4.45	1 U	5 U		18.5	0.5 U	0.5 U	9.89	0.5 U	0.5 U
MW-31i	IN		80	2003Q3	08/27/03		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	1 U	0.5 U	0.5 U	5 U	4.55	1 U	5 U		22.8	0.5 U	0.5 U	12.5	0.5 U	0.5 U
MW-31i	IN		80	2003Q4	11/11/03		0.5 U	0.58	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.28	1 U	5 U		27.4	0.5 U	0.5 U	14.2	0.5 U	0.5 U
MW-31i	IN		80	2004Q1	01/28/04		0.5 U	1.66	0.5 U	1.89	0.83	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	27.4	1 U	5 U		70.1	0.5 U	0.62	42.5	0.5 U	0.5 U
MW-31i	IN		80	2004Q2	05/07/04		0.5 U	0.76	0.5 U	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.2	1 U	5 U		34.7	0.5 U	0.5 U	20	0.5 U	0.5 U
MW-31i	IN		80	2004Q3	08/25/04		0.5 U	0.87	0.5 U	0.94	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.4	1 U	5 U		32.1	0.5 U	0.5 U	20.9	0.5 U	0.5 U
MW-31i	IN		80	2004Q4	11/19/04		0.5 U	1.33	0.5 U	1.63	0.83	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	23.1	1 U	5 U		59.2	0.5 U	0.5 U	38.3	0.5 U	0.5 U
MW-31i	IN		80	2005Q1	02/16/05		0.5 U	1.55	0.5 U	2.22	1.19	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	32.8	1 U	5 U		69.7	0.5 U	0.5 U	46.1	0.5 U	0.5 U
MW-31i	IN		80	2005Q2	05/20/05		0.5 U	1.67	0.5 U	2.71	1.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	44.7	1 U	5 U		69.7	0.5 U	0.5 U	51.9	0.5 U	0.5 U
MW-31i	IN		80	2005Q3	08/19/05		0.5 U	0.86	0.5 U	1.47	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	20.9	1 U	5 U		41.3	0.5 U	0.73	30.5	0.5 U	0.5 U
MW-31i	IN		80	2005Q4	11/17/05		0.5 U	1.03	0.5 U	1.7	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	26.6	1 U	5 U		47.7	0.5 U	0.83	34.5	0.5 U	0.5 U
MW-31i	IN		80	2006Q1	03/24/06	12:40	0.5 U	0.6	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11	1 U	5 U		29.1	0.5 U	1.5	20.1	0.5 U	0.5 U
MW-31i	IN		80	2006Q2	06/02/06	14:20	0.5 U	0.5 U	0.5 U	1.01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	15.9	1 U	5 U		28.9	0.5 U	1.84	17.3	0.5 U	0.5 U
MW-31i	IN		80	2006Q3	09/06/06	15:44	0.5 U	0.53	0.5 U	0.86	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.9	1 U	5 U		22.8	0.5 U	0.6	17	0.5 U	0.5 U
MW-31i	IN		80	2007Q1	02/07/07	16:21	0.5 U	0.5 U	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13.4	1 U	5 U		25.9	0.5 U	0.5 U	18.1	0.5 U	0.5 U
MW-31i	IN		80	2007Q3	09/11/07	14:32	0.5 U	0.5 UJ	0.5 U	0.83 J	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJ	5 UJ	11.6 J	1 U	5 U		24.6 J	0.5 U	0.5 UJ	19.1 J	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-31i	IN		80	2008Q1	03/10/08	11:47	0.5 U	0.5 U	0.5 U	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13.5	1 U	5 U		25.5	0.5 U	0.5 U	17.8	0.5 U	0.5 U
MW-31i	IN		80	2008Q3	09/17/08	12:46	0.5 U	0.5 U	0.5 U	0.88	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	13	0.5 U	2 U		24	0.5 U	0.5 U	17	0.5 U	0.5 U
MW-31i	IN		80	2009Q1	03/25/09	18:28	0.5 U	0.5 U	0.5 U	0.81	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	13	0.5 U	2 U		22	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-31i	IN		80	2009Q2	06/15/09	15:56	0.5 U	0.5 U	0.5 U	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	0.5 U	15	0.5 U	2 U		19	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-31i	IN		80	2009Q3	09/18/09	11:26	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	0.5 U	0.5 U	0.5 U	6.8	0.5 U	2 U		11	0.5 U	0.5 U	7	0.5 U	0.5 U
MW-31i	IN		80	2009Q4	12/14/09	14:35	0.5 U	0.5 U	0.5 U	1.5	0.94	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	26	0.5 U	2 U		41	0.5 U	0.5 U	26	0.5 U	0.5 U
MW-31i	IN		80	2010Q1	03/19/10	11:46	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	0.5 U	0.5 U	0.5 U	1.4	0.5 U	2 U		3.2	0.5 U	0.5 U	1.9	0.5 U	0.5 U
MW-31i	IN		80	2010Q2	06/14/10	11:34	0.5 U	0.5 U	0.5 U	0.78	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	16	0.5 U	2 U		22	0.5 U	0.5 U	11	0.5 U	0.5 U
MW-31i	IN		80	2010Q3	09/24/10	10:00	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	0.5 U	0.5 U	0.5 U	1.3	0.5 U	2 U		2.3	0.5 U	0.5 U	1.7	0.5 U	0.5 U
MW-31i	IN		80	2010Q4	12/07/10	11:50	0.5 U	0.5 U	0.5 U	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	0.5 U	16	0.5 U	2 U		15	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-31i	IN		80	2011Q1	03/22/11	14:29	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	0.5 U	0.5 U	0.5 U	6.8	0.5 U	2 U		8.8	0.5 U	0.5 U	5.7	0.5 U	0.5 U
MW-31i	IN		80	2011Q2	06/07/11	10:33	0.5 U	0.5 U	0.5 U	0.67	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	16	0.5 U	2 U		21	0.5 U	0.5 U	9.9	0.5 U	0.5 U
MW-31i	IN		80	2011Q3	09/15/11	10:12	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	1 U	0.5 U	0.5 U	5 U	4.05	1 U	5 U		6.1	0.5 U	0.5 U	4.76	0.5 U	0.5 U
MW-31i	IN		80	2011Q4	12/06/11	13:40	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	1 U	0.5 U	0.5 U	5 U	5.6	1 U	5 U		6.51	0.5 U	0.5 U	3.86	0.5 U	0.5 U
MW-31i	IN		80	2012Q1	03/08/12	13:47	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	1 U	0.5 U	0.5 U	5 U	2.8	1 U	5 U		3.5	0.5 U	0.5 U	2	0.5 U	0.5 U
MW-31i	IN		80	2012Q2	06/20/12	14:45	0.5 U	0.5 U	0.5 U	0.62 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	14	1 U	5 U		15	0.5 U	0.5 U	6.7	0.5 U	0.5 U
MW-31i	IN		80	2012Q3	09/10/12	12:37	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	1 U	0.5 U	0.5 U	5 U	3.6	1 U	5 U		4.9	0.5 U	0.5 U	2.7	0.5 U	0.5 U
MW-31i	IN		80	2013Q1	03/13/13	10:54	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	1 U	0.5 U	0.5 U	5 U	0.92	1 U	5 U		1.8	0.5 U	0.5 U	0.98	0.5 U	0.5 U
MW-31i	IN		80	2013Q3	09/16/13	15:02	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.6	1 U	5 U		3.1	0.5 U	0.5 U	2	0.5 U	0.5 U
MW-31i	IN		80	2014Q1	03/19/14	12:05	0.5 U	0.5 U	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	14	1 U	5 U		11	0.5 U	0.5 U	5.7	0.5 U	0.5 U
MW-31i	IN		80	2014Q3	09/09/14	11:29	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.88	1 U	5 U		2.31	0.5 U	0.5 U	1.6	1 U	0.5 U
MW-31i	IN		80	2015Q1	03/02/15	15:56	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.21	1 U	5 U		8.05	0.5 U	0.5 U	4.28	1 U	0.5 U
MW-31i	IN		80	2015Q3	09/03/15	11:25	0.5 U	0.5 U	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.32	1 U	5 U		9.05	0.5 U	0.5 U	4.76	1 U	0.5 U
MW-32i	IN		65	2004Q3	08/19/04		0.5 U	3.59	0.5 U	5.15	2.37	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	78	1 U	5 U		152	0.5 U	2.13	114	0.5 U	0.5 U
MW-32i	IN		65	2004Q4	10/30/04		0.5 U	3.93	0.5 U	7.07	3.01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	103	1 U	5 U		148	0.5 U	3.29	129	0.5 U	0.5 U
MW-32i	IN		65	2005Q1	02/17/05		0.5 U	3.78	0.5 U	6.58	3.18	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	111	1 U	5 U		166	0.5 U	2.39	135	0.5 U	0.5 U
MW-32i	IN		65	2005Q2	05/20/05		1 U	5.34	1 U	11.7	5.42	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	178	2 U	10 U		212	1 U	3.56	171	1 U	1 U
MW-32i	IN		65	2005Q3	08/19/05		0.5 U	3.5	0.5 U	7.38	3.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	111	1 U	5 U		173	0.5 U	3.81	140	0.5 U	0.5 U
MW-32i	IN		65	2005Q4	11/18/05		0.5 U	3.89	0.5 U	8.45	4.03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	136	1 U	5 U		176	0.5 U	3.66	151	0.5 U	0.5 U
MW-32i	IN		65	2006Q1	03/24/06	14:14	0.5 U	1.31	0.5 U	2.43	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	40	1 U	5 U		73.2	0.5 U	1.57	53	0.5 U	0.5 U
MW-32i	IN	DP	65	2006Q2	06/02/06	16:08	0.5 U	1.79	0.5 U	4.39	2.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	97.3	1 U	5 U		106	0.5 U	1.06	71	0.5 U	0.5 U
MW-32i	IN	D	65	2006Q2	06/02/06	16:08	0.5 U	1.75	0.5 U	4.42	2.24	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	95.4	1 U	5 U		104	0.5 U	1.69	69.9	0.5 U	0.5 U
MW-32i	IN		65	2006Q3	09/06/06	16:34	0.5 U	0.67	0.5 U	1.52	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	24.1	1 U	5 U		39.2	0.5 U	0.64	26.1	0.5 U	0.5 U
MW-32i	IN		65	2007Q1	02/07/07	11:11	0.5 U	1.1	0.5 U	2.94	1.43	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	57.7	1 U	5 U		68.4	0.5 U	0.71	52.8	0.5 U	0.5 U
MW-32i	IN		65	2007Q3	09/12/07	8:37	0.5 U	1.2	0.5 U	2.92	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	48.9	1 U	5 U		69.3	0.5 U	2.35	51.8	0.5 U	0.5 U
MW-32i	IN	DP	65	2008Q1	02/29/08	16:12	0.5 U	0.92	0.5 U	2.24	1.07	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	43.4	1 U	5 U		60.2	0.5 U	0.51	38.5	0.5 U	0.5 U
MW-32i	IN	D	65	2008Q1	02/29/08	16:12	0.5 U	0.91	0.5 U	2.19	1.14	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	44	1 U	5 U		61.3	0.5 U	0.5 U	38.7	0.5 U	0.5 U
MW-32i	IN		65	2008Q3	09/17/08	10:46	0.5 U	0.81	0.5 U	2.7	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	52	0.5 U	2 U		64	0.5 U	0.5	49	0.5 U	0.5 U
MW-32i	IN		65	2009Q1	03/26/09	15:16	0.5 U	0.88	0.5 U	3.2	1.9	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	63	0.5 U	2 U		73	0.5 U	0.51	55	0.5 U	0.5 U
MW-32i	IN		65	2009Q2	06/15/09	13:27	0.5 U	0.93	0.5 U	3.4	1.8	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	74	0.5 U	2 U		70	0.5 U	0.61	48	0.5 U	0.5 U
MW-32i	IN		65	2009Q3	09/18/09	9:49	0.5 U	1.1	0.5 U	4.4	2.1	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	67	0.5 U	2 U		88	0.5 U	0.67	70	0.5 U	0.5 U
MW-32i	IN		65	2009Q4	12/14/09	16:12	0.5 U	2.2	0.5 U	8.1	4.6	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	120	0.5 U	2 U		160	0.5 U	1.4	110	0.5 U	0.5 U
MW-32i	IN		65	2010Q1	03/16/10	16:34	0.5 U	0.51	0.5 U	2	1.2	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	45	0.5 U	2 U		49	0.5 U	0.5 U	40	0.5 U	0.5 U
MW-32i	IN		65	2010Q2	06/14/10	13:05	0.5 U	1.4	0.5 U	5.5	2.8	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	120	0.5 U	2 U		95	0.5 U	1	67	0.5 U	0.5 U
MW-32i	IN		65	2010Q3	09/22/10	14:03	0.5 U	0.59	0.5 U	2	0.96	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	41	0.5 U	2 U		41	0.5 U	0.5 U	32	0.5 U	0.5 U
MW-32i	IN		65	2010Q4	12/06/10	15:42	0.5 U	1.3	0.5 U	4.6	2.2	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	75	0.5 U	2 U		88	0.5 U	0.74	63	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-32i	IN		65	2011Q1	03/10/11	11:40	0.5 U	1.2	0.5 U	4	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	76	0.5 U	2 U		73	0.5 U	0.62	53	0.5 U	0.5 U
MW-32i	IN		65	2011Q2	06/07/11	11:57	0.5 U	0.61	0.5 U	2.8	1.4	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	67	0.5 U	2 U		75	0.5 U	0.5 U	37	0.5 U	0.5 U
MW-32i	IN		65	2011Q3	09/14/11	16:35	0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	14.7	1 U	5 U		17	0.5 U	0.5 U	8.77	0.5 U	0.5 U
MW-32i	IN		65	2011Q4	12/06/11	12:51	0.5 U	0.5 U	0.5 U	1.3	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	23.3	1 U	5 U		25	0.5 U	0.5 U	14.1	0.5 U	0.5 U
MW-32i	IN		65	2012Q1	03/08/12	13:10	0.5 U	1.1	0.5 U	2.6	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	68	1 U	5 U		49	0.5 U	0.5 U	34	0.5 U	0.5 U
MW-32i	IN		65	2012Q2	06/20/12	13:45	1 U	1 U	1 U	3.7	1.3 J	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	84	2 U	10 U		55	1 U	1 U	32	1 U	1 U
MW-32i	IN		65	2012Q3	09/10/12	14:00	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	1 U	0.5 U	0.5 U	5 U	10	1 U	5 U		12	0.5 U	0.5 U	5.8	0.5 U	0.5 U
MW-32i	IN		65	2013Q1	03/11/13	11:30	0.5 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	1 U	0.5 U	0.5 U	5 U	27	1 U	5 U		24	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-32i	IN		65	2013Q3	09/17/13	12:17	0.5 U	0.5 U	0.5 U	2.5	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	47	1 U	5 U		37	0.5 U	0.5 U	22	0.5 U	0.5 U
MW-32i	IN		65	2014Q1	03/17/14	15:30	0.5 U	0.5 U	0.5 U	2.9	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	59	1 U	5 U		36	0.5 U	0.5 U	18	0.5 U	0.5 U
MW-32i	IN	DP	65	2014Q3	09/12/14	13:30	0.5 U	0.5 U	0.5 U	2.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	34.87	1 U	5 U		23.4	0.5 U	0.5 U	11.79	1 U	0.5 U
MW-32i	IN	D	65	2014Q3	09/12/14	13:30	0.5 U	0.5 U	0.5 U	2.02	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	34.37	1 U	5 U		22.13	0.5 U	0.5 U	11.47	1 U	0.5 U
MW-32i	IN	DP	65	2015Q1	03/02/15	14:59	0.5 U	0.5 U	0.5 U	1.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	29.48	1 U	5 U		24.69	0.5 U	0.5 U	13.23	1 U	0.5 U
MW-32i	IN	D	65	2015Q1	03/02/15	14:59	0.5 U	0.5 U	0.5 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	29.35	1 U	5 U		23.13	0.5 U	0.5 U	12.6	1 U	0.5 U
MW-32i	IN		65	2015Q3	09/02/15	16:18	0.5 U	0.5 U	0.5 U	2.97	0.93	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	80.85	1 U	5 U		40.6	0.5 U	0.55	22.95	1 U	0.5 U
MW-33i	IN		80	2004Q3	08/24/04		0.5 U	0.89	0.5 U	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12	1 U	5 U		30.7	0.5 U	0.5 U	19.3	0.5 U	0.5 U
MW-33i	IN		80	2004Q4	10/30/04		0.5 U	0.88	0.5 U	1.29	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	16	1 U	5 U		33.2	0.5 U	0.5 U	22.5	0.5 U	0.5 U
MW-33i	IN		80	2005Q1	02/15/05		0.5 U	0.78	0.5 U	1.17	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	14.6	1 U	5 U		28.7	0.5 U	0.5 U	19.2	0.5 U	0.5 U
MW-33i	IN		80	2005Q2	05/23/05		0.5 U	0.69	0.5 U	1.81	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	25	1 U	5 U		29	0.5 U	0.5 U	18.7	0.5 U	0.5 U
MW-33i	IN		80	2005Q3	08/17/05		0.5 U	0.62	0.5 U	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.4	1 U	5 U		23	0.5 U	0.5 U	16	0.5 U	0.5 U
MW-33i	IN		80	2005Q4	11/17/05		0.5 U	0.77	0.5 U	1.47	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	18.9	1 U	5 U		30.3	0.5 U	0.75	22.2	0.5 U	0.5 U
MW-33i	IN		80	2006Q1	03/24/06	10:58	0.5 U	0.58	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.48	1 U	5 U		19.2	0.5 U	0.5 U	16.1	0.5 U	0.5 U
MW-33i	IN		80	2006Q2	06/01/06	16:13	0.5 U	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.79	1 U	5 U		9.94	0.5 U	0.5 U	6.03	0.5 U	0.5 U
MW-33i	IN		80	2006Q3	09/05/06	16:51	0.5 U	0.62	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.02	1 U	5 U		16.8	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-33i	IN		80	2007Q1	02/07/07	9:14	0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.28	1 U	5 U		16.3	0.5 U	0.5 U	14.8	0.5 U	0.5 U
MW-33i	IN		80	2007Q3	09/12/07	8:02	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	9.2 J	10 U	50 U		19.3 J	5 U	5 U	17.8 J	5 U	5 U
MW-33i	IN		80	2008Q1	02/28/08	13:40	0.5 U	0.5 U	0.5 U	0.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.4	1 U	5 U		16.7	0.5 U	0.5 U	14.4	0.5 U	0.5 U
MW-33i	IN		80	2008Q3	09/17/08	18:07	0.5 U	0.5 U	0.5 U	0.73	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	9.2	0.5 U	2 U		18	0.5 U	0.5 U	14	0.5 U	0.5 U
MW-33i	IN		80	2009Q1	03/23/09	12:56	0.5 U	0.5 U	0.5 U	0.82	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	8.5	0.5 U	2 U		13	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-33i	IN		80	2009Q2	06/16/09	9:51	0.5 U	0.5 U	0.5 U	0.51	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	5.3	0.5 U	2 U		11	0.5 U	0.5 U	8.3	0.5 U	0.5 U
MW-33i	IN		80	2009Q3	09/18/09	16:33	0.5 U	0.5 U	0.5 U	0.89	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	14	0.5 U	2 U		22	0.5 U	0.5 U	14	0.5 U	0.5 U
MW-33i	IN		80	2009Q4	12/16/09	9:30	0.5 U	0.5 U	0.5 U	0.61	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	9.9	0.5 U	2 U		12	0.5 U	0.5 U	7.1	0.5 U	0.5 U
MW-33i	IN		80	2010Q1	03/15/10	13:22	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	0.5 U	0.5 U	0.5 U	9	0.5 U	2 U		14	0.5 U	0.5 U	8.5	0.5 U	0.5 U
MW-33i	IN		80	2010Q2	06/14/10	18:59	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.2	0.5 U	2 U		3.5	0.5 U	0.5 U	1.8	0.5 U	0.5 U
MW-33i	IN		80	2010Q3	09/21/10	13:58	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	0.5 U	0.5 U	0.5 U	4.9	0.5 U	2 U		8.3	0.5 U	0.5 U	5.4	0.5 U	0.5 U
MW-33i	IN		80	2010Q4	12/06/10	13:16	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	0.5 U	0.5 U	0.5 U	8.6	0.5 U	2 U		11	0.5 U	0.5 U	5.9	0.5 U	0.5 U
MW-33i	IN		80	2011Q1	03/10/11	10:25	0.5 U	0.5 U	0.5 U	0.72	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	13	0.5 U	2 U		13	0.5 U	0.5 U	9.3	0.5 U	0.5 U
MW-33i	IN		80	2011Q2	06/06/11	14:57	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	0.5 U	0.5 U	0.5 U	1.4	0.5 U	2 U		1.8	0.5 U	0.5 U	0.93	0.5 U	0.5 U
MW-33i	IN	DP	80	2011Q3	09/14/11	14:09	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	1 U	0.5 U	0.5 U	5 U	1.2	1 U	5 U		3.14	0.5 U	0.5 U	3.28	0.5 U	0.5 U
MW-33i	IN	D	80	2011Q3	09/14/11	14:09	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	1 U	0.5 U	0.5 U	5 U	1.26	1 U	5 U		3.04	0.5 U	0.5 U	3.94	0.5 U	0.5 U
MW-33i	IN		80	2011Q4	12/06/11	11:35	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	1 U	0.5 U	0.5 U	5 U	2.27	1 U	5 U		3.73	0.5 U	0.5 U	3.02	0.5 U	0.5 U
MW-33i	IN		80	2012Q1	03/08/12	18:06	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	1 U	0.5 U	0.5 U	5 U	8	1 U	5 U		8	0.5 U	0.5 U	4.9	0.5 U	0.5 U
MW-33i	IN		80	2012Q2	06/20/12	11:30	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	1 U	0.5 U	0.5 U	5 U	4.6	1 U	5 U		4.2	0.5 U	0.5 U	2.4	0.5 U	0.5 U
MW-33i	IN	DP	80	2012Q3	09/11/12	12:10	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	1 U	0.5 U	0.5 U	5 U	0.72	1 U	5 U		2.8	0.5 U	0.5 U	3.5	0.5 U	0.5 U
MW-33i	IN	D	80	2012Q3	09/11/12	12:10	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.8	0.5 U	0.5 U	3.8	0.5 U	0.5 U
MW-33i	IN		80	2013Q1	03/15/13	15:53	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	1 U	0.5 U	0.5 U	5 U	2.1	1 U	5 U		3.5	0.5 U	0.5 U	2.2	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-33i	IN		80	2013Q3	09/11/13	14:00	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8	1 U	5 U		7.4	0.5 U	0.5 U	4.4	0.5 U	0.5 U
MW-33i	IN		80	2014Q1	03/10/14	11:35	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.1	1 U	5 U		1.9	0.5 U	0.5 U	0.9	0.5 U	0.5 U
MW-33i	IN		80	2014Q3	09/09/14	15:55	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.58	1 U	5 U		4.64	0.5 U	0.5 U	2.67	1 U	0.5 U
MW-33i	IN		80	2015Q1	03/02/15	10:57	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.78	1 U	5 U		2.57	0.5 U	0.5 U	1.57	1 U	0.5 U
MW-33i	IN		80	2015Q3	09/02/15	13:42	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.87	1 U	5 U		6.09	0.5 U	0.5 U	3.39	1 U	0.5 U
MW-34i	IN		100	2004Q4	10/29/04		0.5 U	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.14	1 U	5 U		6.64	0.5 U	0.5 U	3.6	0.5 U	0.5 U
MW-34i	IN		100	2005Q1	02/09/05		0.5 U	0.5 U	0.5 U	0.76	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.22	1 U	5 U		9.49	0.5 U	0.5 U	5.04	0.5 U	0.5 U
MW-34i	IN		100	2005Q2	05/18/05		0.5 U	0.5 U	0.5 U	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.52	1 U	5 U		9.63	0.5 U	0.5 U	3.4	0.5 U	0.5 U
MW-34i	IN		100	2005Q3	08/17/05		0.5 U	0.5 U	0.5 U	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.31	1 U	5 U		11.7	0.5 U	0.5 U	5.39	0.5 U	0.5 U
MW-34i	IN		100	2005Q4	11/17/05		0.5 U	0.5 U	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.89	1 U	5 U		8.71	0.5 U	0.5 U	3.74	0.5 U	0.5 U
MW-34i	IN		100	2006Q1	03/21/06	11:38	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	1 U	0.5 U	0.5 U	5 U	2.9	1 U	5 U		7.12	0.5 U	0.5 U	3.36	0.5 U	0.5 U
MW-34i	IN		100	2006Q2	06/06/06	11:32	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.14	1 U	5 U		7.4	0.5 U	0.5 U	3.3	0.5 U	0.5 U
MW-34i	IN		100	2006Q3	09/08/06	11:47	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	1 U	0.5 U	0.5 U	5 U	2.26	1 U	5 U		5.7	0.5 U	0.5 U	2.53	0.5 U	0.5 U
MW-34i	IN		100	2007Q1	02/06/07	15:39	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	1 U	0.5 U	0.5 U	5 U	2.23	1 U	5 U		6.09	0.5 U	0.5 U	2.52	0.5 U	0.5 U
MW-34i	IN		100	2007Q3	09/11/07	10:40	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	1 U	0.5 U	0.5 U	5 U	2.6	1 U	5 U		6.33	0.5 U	0.5 U	2.97	0.5 U	0.5 U
MW-34i	IN		100	2008Q1	03/03/08	10:42	0.5 U	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.63	1 U	5 U		7.43	0.5 U	0.5 U	4.57	0.5 U	0.5 U
MW-34i	IN		100	2008Q3	09/18/08	15:14	0.5 U	0.5 U	0.5 U	0.55	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	4.2	0.5 U	2 U		9.9	0.5 U	0.5 U	5.6	0.5 U	0.5 U
MW-34i	IN		100	2009Q1	03/27/09	12:25	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	0.5 U	0.5 U	0.5 U	2.8	0.5 U	2 U		7.9	0.5 U	0.5 U	4.2	0.5 U	0.5 U
MW-34i	IN		100	2009Q2	06/18/09	10:54	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	0.5 U	0.5 U	0.5 U	2.8	0.5 U	2 U		8.6	0.5 U	0.5 U	5.1	0.5 U	0.5 U
MW-34i	IN		100	2009Q3	09/15/09	13:40	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	0.5 U	0.5 U	0.5 U	2.4	0.5 U	2 U		7.2	0.5 U	0.5 U	3.7	0.5 U	0.5 U
MW-34i	IN		100	2010Q1	03/19/10	13:19	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	0.5 U	0.5 U	0.5 U	0.66	0.5 U	2 U		4.5	0.5 U	0.5 U	2.2	0.5 U	0.5 U
MW-34i	IN	DP	100	2010Q3	09/27/10	14:07	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		3.1	0.5 U	0.5 U	0.93	0.5 U	0.5 U
MW-34i	IN	D	100	2010Q3	09/27/10	14:07	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		4	0.5 U	0.5 U	0.98	0.5 U	0.5 U
MW-34i	IN		100	2011Q1	03/21/11	12:16	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2.5	0.5 U	0.5 U	0.59	0.5 U	0.5 U
MW-34i	IN		100	2011Q3	09/15/11	11:09	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34i	IN		100	2012Q1	03/15/12	14:38	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34i	IN		100	2012Q3	09/12/12	13:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34i	IN		100	2013Q1	03/19/13	11:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34i	IN		100	2013Q3	09/16/13	9:55	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34i	IN		100	2014Q1	03/19/14	13:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34i	IN		100	2014Q3	09/10/14	15:01	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.81	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-34i	IN		100	2015Q1	03/05/15	12:24	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-34i	IN		100	2015Q3	09/10/15	10:09	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.85	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-35i	IN		117	2004Q4	10/30/04		0.5 U	1.08	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	1 U	0.5 U	0.5 U	5 U	2.62	1 U	5 U		8.09	0.5 U	0.5 U	29.4	0.5 U	0.5 U
MW-35i	IN		117	2005Q1	02/15/05		0.5 U	1.67	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	1 U	0.5 U	0.5 U	5 U	3.11	1 U	5 U		8.67	0.5 U	0.5 U	48.1	0.5 U	0.5 U
MW-35i	IN		117	2005Q2	05/20/05		0.5 U	1.68	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	1 U	0.5 U	0.5 U	5 U	3.14	1 U	5 U		8.71	0.5 U	0.5 U	47.2	0.5 U	0.5 U
MW-35i	IN		117	2005Q3	08/18/05		0.5 U	1.21	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	1 U	0.5 U	0.5 U	5 U	3.04	1 U	5 U		7.96	0.5 U	0.5 U	37.9	0.5 U	0.5 U
MW-35i	IN		117	2005Q4	11/17/05		0.5 U	1.17	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	1 U	0.5 U	0.5 U	5 U	2.64	1 U	5 U		6.26	0.5 U	0.5 U	34.4	0.5 U	0.5 U
MW-35i	IN		117	2006Q1	03/23/06	11:55	0.5 U	1.22	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	1 U	0.5 U	0.5 U	5 U	2.09	1 U	5 U		6.83	0.5 U	0.5 U	39.5	0.5 U	0.5 U
MW-35i	IN		117	2006Q2	06/01/06	14:45	0.5 U	1.11	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	1 U	0.5 U	0.5 U	5 U	1.78	1 U	5 U		6.55	0.5 U	0.5 U	31.5	0.5 U	0.5 U
MW-35i	IN		117	2006Q3	09/08/06	15:18	0.5 U	0.82	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	1 U	0.5 U	0.5 U	5 U	1.76	1 U	5 U		4.56	0.5 U	0.5 U	22.7	0.5 U	0.5 U
MW-35i	IN		117	2007Q1	02/06/07	11:23	0.5 U	0.71	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	1 U	0.5 U	0.5 U	5 U	1.37	1 U	5 U		4.37	0.5 U	0.5 U	21.2	0.5 U	0.5 U
MW-35i	IN		117	2007Q3	09/11/07	8:30	0.5 U	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	1 U	0.5 U	0.5 U	5 U	1.46	1 U	5 U		4.5	0.5 U	0.5 U	21.2	0.5 U	0.5 U
MW-35i	IN	DP	117	2008Q1	02/28/08	15:27	0.5 U	0.72	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	1 U	0.5 U	0.5 U	5 U	1.77	1 U	5 U		4.71	0.5 U	0.5 U	20.1	0.5 U	0.5 U
MW-35i	IN	D	117	2008Q1	02/28/08	15:27	0.5 UJ	0.67 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	1.54 J	1 UJ	5 UJ		3.66 J	0.5 UJ	0.5 UJ	18.3 J	0.5 UJ	0.5 UJ
MW-35i	IN		117	2008Q3	09/18/08	11:31	0.5 U	0.64	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	0.5 U	1.4	0.5 U	2 U		5.1	0.5 U	0.5 U	18	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-35i	IN		117	2009Q1	03/30/09	10:43	0.5 U	0.83	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	0.5 U	1.5	0.5 U	2 U		4.5	0.5 U	0.5 U	20	0.5 U	0.5 U
MW-35i	IN		117	2009Q2	06/18/09	12:20	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	0.5 U	0.5 U	0.5 U	0.95	0.5 U	2 U		3.3	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-35i	IN		117	2009Q3	09/15/09	12:20	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	0.5 U	0.5 U	0.5 U	1	0.5 U	2 U		4.1	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-35i	IN		117	2010Q1	03/22/10	11:53	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	0.5 U	0.5 U	0.5 U	0.91	0.5 U	2 U		3.6	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-35i	IN		117	2010Q3	09/27/10	10:58	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		2	0.5 U	0.5 U	7.1	0.5 U	0.5 U
MW-35i	IN		117	2011Q1	03/21/11	11:35	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		1.8	0.5 U	0.5 U	4.6	0.5 U	0.5 U
MW-35i	IN		117	2011Q3	09/15/11	15:51	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.65	0.5 U	0.5 U	5.23	0.5 U	0.5 U
MW-35i	IN		117	2012Q1	03/12/12	15:28	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.6	0.5 U	0.5 U	3.4	0.5 U	0.5 U
MW-35i	IN		117	2012Q3	09/12/12	15:36	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.7	0.5 U	0.5 U	4.6	0.5 U	0.5 U
MW-35i	IN		117	2013Q1	03/08/13	12:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		2.1	0.5 U	0.5 U	4.4	0.5 U	0.5 U
MW-35i	IN		117	2013Q3	09/13/13	10:32	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.8	0.5 U	0.5 U	3.4	0.5 U	0.5 U
MW-35i	IN		117	2014Q1	03/12/14	14:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.79	0.5 U	0.5 U	0.99	0.5 U	0.5 U
MW-35i	IN		117	2014Q3	09/10/14	11:21	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	2.72	1 U	0.5 U
MW-35i	IN		117	2015Q1	03/03/15	16:47	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.89	0.5 U	0.5 U	2.09	1 U	0.5 U
MW-35i	IN		117	2015Q3	09/10/15	12:03	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.96	0.5 U	0.5 U	1.49	1 U	0.5 U
MW-36i	IN		100	2004Q4	10/29/04		0.5 U	3.9	0.5 U	0.55	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.91	1 U	5 U		16.6	0.5 U	0.5 U	119	0.5 U	0.5 U
MW-36i	IN		100	2005Q1	02/17/05		0.5 U	4.68	0.5 U	0.5 U	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.39	1 U	5 U		22.1	0.5 U	0.5 U	144	0.5 U	0.5 U
MW-36i	IN		100	2005Q2	05/23/05		0.5 U	1.57	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	1 U	0.5 U	0.5 U	5 U	3.57	1 U	5 U		13	0.5 U	0.5 U	58.2	0.5 U	0.5 U
MW-36i	IN		100	2005Q3	08/19/05		0.5 U	2.08	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	1 U	0.5 U	0.5 U	5 U	3.49	1 U	5 U		12.2	0.5 U	0.5 U	66	0.5 U	0.5 U
MW-36i	IN		100	2005Q4	11/18/05		0.5 U	3.03	0.5 U	0.59	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.5	1 U	5 U		19.2	0.5 U	0.5 U	134	0.5 U	0.5 U
MW-36i	IN		100	2006Q1	03/21/06	14:38	0.5 U	1.64	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	1 U	0.5 U	0.5 U	5 U	2.59	1 U	5 U		10.1	0.5 U	0.5 U	32.2	0.5 U	0.5 U
MW-36i	IN		100	2006Q2	06/01/06	12:28	0.5 U	1.32	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	1 U	0.5 U	0.5 U	5 U	2.35	1 U	5 U		9.38	0.5 U	0.5 U	40.9	0.5 U	0.5 U
MW-36i	IN		100	2006Q3	09/05/06	12:10	0.5 U	0.65	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	1 U	0.5 U	0.5 U	5 U	1.6	1 U	5 U		3.63	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-36i	IN		100	2007Q1	02/08/07	10:51	0.5 U	1.22	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	1 U	0.5 U	0.5 U	5 U	1.71	1 U	5 U		6.31	0.5 U	0.5 U	20.9	0.5 U	0.5 U
MW-36i	IN		100	2007Q3	09/12/07	13:19	0.5 U	0.85 J	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	1 U	0.5 U	0.5 U	5 U	1.01 J	1 U	5 U		3.41 J	0.5 U	0.5 U	10.4 J	0.5 U	0.5 U
MW-36i	IN		100	2008Q1	02/29/08	13:57	0.5 U	1.38	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	1 U	0.5 U	0.5 U	5 U	1.25	1 U	5 U		5.93	0.5 U	0.5 U	18.5	0.5 U	0.5 U
MW-36i	IN		100	2008Q3	09/19/08	11:21	0.5 U	0.69	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	1.2	0.5 U	2 U	2 U	4.6	0.5 U	0.5 U	11	0.5 U	
MW-36i	IN		100	2009Q1	03/30/09	17:56	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	0.5 U	2 U		5.7	0.5 U	0.5 U	21	0.5 U	0.5 U
MW-36i	IN		100	2009Q2	06/18/09	12:50	0.5 U	0.5	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	0.5 U	0.5 U	0.5 U	1.9	0.5 U	2 U		5.4	0.5 U	0.5 U	22	0.5 U	0.5 U
MW-36i	IN		100	2009Q3	09/15/09	16:41	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	0.5 U	0.5 U	0.5 U	1.2	0.5 U	2 U		4.5	0.5 U	0.5 U	9	0.5 U	0.5 U
MW-36i	IN	DP	100	2009Q4	12/16/09	12:22	0.5 U	0.51	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	0.5 U	1.2	0.5 U	2 U		4.6	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-36i	IN	D	100	2009Q4	12/16/09	12:22	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	0.5 U	0.5 U	0.5 U	1.2	0.5 U	2 U		4.5	0.5 U	0.5 U	11	0.5 U	0.5 U
MW-36i	IN		100	2010Q1	03/18/10	15:39	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	0.5 U	0.5 U	0.5 U	0.84	0.5 U	2 U		2.4	0.5 U	0.5 U	5.8	0.5 U	0.5 U
MW-36i	IN		100	2010Q3	09/23/10	14:43	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	0.5 U	0.5 U	0.5 U	0.67	0.5 U	2 U		1.5	0.5 U	0.5 U	4.1	0.5 U	0.5 U
MW-36i	IN	DP	100	2011Q1	03/16/11	13:20	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	0.5 U	0.5 U	0.5 U	0.51	0.5 U	2 U		1.7	0.5 U	0.5 U	4.1	0.5 U	0.5 U
MW-36i	IN	D	100	2011Q1	03/16/11	13:20	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	0.5 U	0.5 U	0.5 U	0.52	0.5 U	2 U		1.6	0.5 U	0.5 U	4	0.5 U	0.5 U
MW-36i	IN		100	2011Q3	09/15/11	16:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.23	0.5 U	0.5 U	2.71	0.5 U	0.5 U
MW-36i	IN		100	2012Q1	03/28/12	12:08	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.81 J	0.5 U	0.5 U	1.5	0.5 U	0.5 U
MW-36i	IN		100	2012Q3	09/05/12	12:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		0.87	0.5 U	0.5 U	1.6	0.5 U	0.5 U
MW-36i	IN		100	2013Q1	03/08/13	9:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.76	0.5 U	0.5 U	1.4	0.5 U	0.5 U
MW-36i	IN		100	2013Q3	09/12/13	14:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.1	0.5 U	0.5 U	0.87	0.5 U	0.5 U
MW-36i	IN		100	2014Q1	03/19/14	16:20	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.57	0.5 U	0.5 U	0.66	0.5 U	0.5 U
MW-36i	IN		100	2014Q3	09/10/14	12:30	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.53	0.5 U	0.5 U	0.69	1 U	0.5 U
MW-36i	IN		100	2015Q1	03/17/15	13:34	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.63	0.5 U	0.5 U	1.04	1 U	0.5 U
MW-37i	IN		120	2004Q3	09/24/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	39	0.5 U	0.5 U
MW-37i	IN		120	2004Q4	10/29/04		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	1 U	0.5 U	0.86 UB	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	30.3	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-37i	IN		120	2005Q1	02/15/05		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	1 U	0.5 U	0.51 UB	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	37.4	0.5 U	0.5 U
MW-37i	IN		120	2005Q2	05/19/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	33.7	0.5 U	0.5 U
MW-37i	IN	DP	120	2005Q3	08/18/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	36.2	0.5 U	0.5 U
MW-37i	IN	D	120	2005Q3	08/18/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	36.4	0.5 U	0.5 U
MW-37i	IN		120	2005Q4	11/17/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	33.5	0.5 U	0.5 U
MW-37i	IN		120	2006Q1	03/23/06	10:58	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	34	0.5 U	0.5 U
MW-37i	IN		120	2006Q2	06/02/06	10:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	36.4	0.5 U	0.5 U
MW-37i	IN		120	2006Q3	09/08/06	17:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	33.5	0.5 U	0.5 U
MW-37i	IN		120	2007Q1	02/05/07	17:21	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	34.4	0.5 U	0.5 U
MW-37i	IN		120	2007Q3	09/10/07	13:36	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	40.6	0.5 U	0.5 U
MW-37i	IN		120	2008Q1	02/28/08	12:31	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	21.6	0.5 U	0.5 U
MW-37i	IN		120	2008Q3	09/17/08	16:36	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	44	0.5 U	0.5 U
MW-37i	IN		120	2009Q1	03/23/09	16:17	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	52	0.5 U	0.5 U
MW-37i	IN		120	2009Q2	06/15/09	10:35	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	51	0.5 U	0.5 U
MW-37i	IN		120	2009Q3	09/16/09	11:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	44	0.5 U	0.5 U
MW-37i	IN		120	2009Q4	12/14/09	11:12	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	54	0.5 U	0.5 U
MW-37i	IN		120	2010Q1	03/19/10	10:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	51	0.5 U	0.5 U
MW-37i	IN		120	2010Q2	06/14/10	16:15	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	52	0.5 U	0.5 U
MW-37i	IN		120	2010Q3	09/24/10	12:15	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	40	0.5 U	0.5 U
MW-37i	IN		120	2010Q4	12/07/10	14:52	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	51	0.5 U	0.5 U
MW-37i	IN		120	2011Q1	03/15/11	10:50	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	48	0.5 U	0.5 U
MW-37i	IN		120	2011Q3	09/14/11	10:06	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	32.6	0.5 U	0.5 U
MW-37i	IN		120	2012Q1	03/12/12	12:11	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	35	0.5 U	0.5 U
MW-37i	IN		120	2012Q3	09/14/12	12:02	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	37	0.5 U	0.5 U
MW-37i	IN		120	2013Q1	03/18/13	10:58	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	42	0.5 U	0.5 U
MW-37i	IN		120	2013Q3	09/13/13	14:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	39	0.5 U	0.5 U
MW-37i	IN		120	2014Q1	03/11/14	10:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	42	0.5 U	0.5 U
MW-37i	IN		120	2014Q3	09/09/14	14:52	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	30.46	1 U	0.5 U
MW-37i	IN		120	2015Q1	03/12/15	15:28	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	42.32	1 U	0.5 U
MW-37i	IN		120	2015Q3	09/09/15	16:20	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	37.87	1 U	0.5 U
MW-38i	IN		150	2004Q4	11/22/04		0.5 U	0.95	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	1 U	0.5 U	0.78 UB	5 U	1.88	1 U	5 U		2.78	0.5 U	0.5 U	14.8	0.5 U	0.5 U
MW-38i	IN		150	2005Q1	02/14/05		0.5 U	1.49	0.5 U	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.73 UB	5 U	2.69	1 U	5 U		2.93	0.5 U	0.5 U	17.6	0.5 U	0.5 U
MW-38i	IN		150	2005Q2	05/19/05		0.5 U	1.8	0.5 U	0.5 U	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.86 UB	5 U	3.36	1 U	5 U		4.26	0.5 U	0.5 U	23.5	0.5 U	0.5 U
MW-38i	IN		150	2005Q3	08/18/05		0.5 U	1.51	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.83 UB	5 U	3.12	1 U	5 U		3.31	0.5 U	0.5 U	23	0.5 U	0.5 U
MW-38i	IN		150	2005Q4	11/17/05		0.5 U	1.58	0.5 U	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.85	5 U	3.36	1 U	5 U		3.25	0.5 U	0.5 U	23.3	0.5 U	0.5 U
MW-38i	IN		150	2006Q1	03/21/06	13:22	0.5 U	1.73	0.5 U	0.61	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.79	5 U	3.41	1 U	5 U		3.09	0.5 U	0.5 U	31.3	0.5 U	0.5 U
MW-38i	IN		150	2006Q2	06/01/06	13:37	0.5 U	1.63	0.5 U	0.57	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.7	5 U	3.45	1 U	5 U		3.19	0.5 U	0.5 U	30	0.5 U	0.5 U
MW-38i	IN		150	2006Q3	09/08/06	13:29	0.5 U	1.24	0.5 U	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.64	5 U	2.93	1 U	5 U		2.98	0.5 U	0.5 U	22	0.5 U	0.5 U
MW-38i	IN		150	2007Q1	02/08/07	12:50	0.5 U	0.92	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	1 U	0.5 U	0.63	5 U	2.5	1 U	5 U		2.88	0.5 U	0.5 U	20.6	0.5 U	0.5 U
MW-38i	IN		150	2007Q3	09/11/07	9:52	0.5 U	1.03	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	1 U	0.5 U	0.77	5 U	2.27	1 U	5 U		3.25	0.5 U	0.5 U	20.2	0.5 U	0.5 U
MW-38i	IN		150	2008Q1	03/03/08	13:07	0.5 U	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	1 U	0.5 U	0.77	5 U	1.75	1 U	5 U		1.68	0.5 U	0.5 U	14.7	0.5 U	0.5 U
MW-38i	IN		150	2008Q3	09/19/08	10:21	0.5 U	0.66	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	0.73	0.5 U	1.4	0.5 U	2 U	2 U	2	0.5 U	0.5 U	12	0.5 U	
MW-38i	IN		150	2009Q1	03/30/09	16:12	0.5 U	0.67	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	0.84	0.5 U	1.1	0.5 U	2 U		2	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-38i	IN		150	2009Q2	06/18/09	13:23	0.5 U	0.68	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	0.84	0.5 U	0.94	0.5 U	2 U		1.6	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-38i	IN		150	2009Q3	09/17/09	11:55	0.5 U	0.51	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	0.72	0.5 U	0.62	0.5 U	2 U		1.7	0.5 U	0.5 U	11	0.5 U	0.5 U
MW-38i	IN		150	2009Q4	12/16/09	13:11	0.5 U	0.64	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	0.8	0.5 U	0.5 U	0.5 U	2 U		1.9	0.5 U	0.5 U	12	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-38i	IN		150	2010Q1	03/18/10	16:10	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	0.5 U	0.6	0.5 U	0.5 U	0.5 U	2 U		1.6	0.5 U	0.5 U	10	0.5 U	0.5 U
MW-38i	IN		150	2010Q2	06/15/10	8:01	0.5 U	0.58	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	0.64	0.5 U	0.5 U	0.5 U	2 U		1.7	0.5 U	0.5 U	10	0.5 U	0.5 U
MW-38i	IN		150	2010Q3	09/23/10	15:16	0.5 U	0.55	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	0.56	0.5 U	0.5 U	0.5 U	2 U		1.3	0.5 U	0.5 U	9.8	0.5 U	0.5 U
MW-38i	IN		150	2010Q4	12/07/10	13:56	0.5 U	0.75	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	0.86	0.5 U	0.61	0.5 U	2 U		2.3	0.5 U	0.5 U	14	0.5 U	0.5 U
MW-38i	IN		150	2011Q1	03/16/11	13:56	0.5 U	0.67	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	0.74	0.5 U	0.67	0.5 U	2 U		2.3	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-38i	IN		150	2011Q3	09/13/11	11:12	0.5 U	0.72	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	1 U	0.5 U	0.68	5 U	1.28	1 U	5 U		2.11	0.5 U	0.5 U	14.7	0.5 U	0.5 U
MW-38i	IN		150	2012Q1	03/28/12	10:59	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	0.5 U	1 U	0.5 U	0.67 J	5 U	1.1	1 U	5 U		2.2	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-38i	IN		150	2012Q3	09/14/12	14:11	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	1 U	0.5 U	0.56	5 U	0.5 U	1 U	5 U		1.9	0.5 U	0.5 U	10	0.5 U	0.5 U
MW-38i	IN		150	2013Q1	03/08/13	11:00	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	1 U	0.5 U	0.67	5 U	0.54	1 U	5 U		2.2	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-38i	IN		150	2013Q3	09/12/13	15:20	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	0.2 U	0.5 U	1 U	0.5 U	0.6	5 U	0.5 U	1 U	5 U		1.8	0.5 U	0.5 U	9.5	0.5 U	0.5 U
MW-38i	IN		150	2014Q1	03/20/14	15:30	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	0.2 U	0.5 U	1 U	0.5 U	0.63	5 U	0.5 U	1 U	5 U		2.2	0.5 U	0.5 U	8.1	0.5 U	0.5 U
MW-38i	IN		150	2014Q3	09/10/14	13:15	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	0.25 U	0.5 U	1 U	0.5 U	0.53 J	5 U	0.5 U	1 U	5 U		1.26	0.5 U	0.5 U	6.03	1 U	0.5 U
MW-38i	IN		150	2015Q1	03/05/15	13:18	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.76	0.5 U	0.5 U	6.86	1 U	0.5 U
MW-38i	IN		150	2015Q3	09/10/15	12:43	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	0.25 U	0.5 U	1 U	0.5 U	0.5 J	5 U	0.5 U	1 U	5 U		1.48	0.5 U	0.5 U	6.38	1 U	0.5 U
CM-MW-01d	DP		161	2001Q2	05/17/01	0:00		1.04	0.5 U	0.83	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.55	1 U	5 U		4.41		0.5 U	17	0.5 U	0.5 U
CM-MW-01d	DP		161	2001Q3	08/27/01	14:40	0.5 U	0.55	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 U	0.5 U	0.5 U	5 U	3.67	1 U	5 U		3.57		0.5 U	8.92	0.5 U	0.5 U
CM-MW-01d	DP		161	2001Q4	11/09/01	11:30	0.5 U	0.54	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 U	0.5 U	0.5 U	5 U	4.32	1 U	5 U		1.73		0.5 U	7.74	0.5 U	0.5 U
CM-MW-01d	DP		161	2002Q1	02/04/02	16:10	0.5 U	0.56	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 U	0.5 U	0.5 U	5 U	4.9	1 U	5 U		4.03		0.5 U	11.1	0.5 U	0.5 U
CM-MW-01d	DP		161	2002Q2	05/28/02	15:40	0.5 U	0.54	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 U	0.5 U	0.5 U	5 U	4.74	1 U	5 U		2.81		0.5 U	9.48	0.5 U	0.5 U
CM-MW-01d	DP		161	2002Q3	08/20/02	15:10	0.5 U	0.6	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.04	1 U	5 U		2.29		0.5 U	9.97	0.5 U	0.5 U
CM-MW-01d	DP		161	2002Q4	11/25/02	14:25	0.5 U	0.7	0.5 U	0.79	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.98	1 U	5 U		3.38		0.5 U	13.7	0.5 U	0.5 U
CM-MW-01d	DP		161	2003Q1	01/27/03	11:30	0.5 U	0.69	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.89	1 U	5 U		4.08		0.5 U	12.8	0.5 U	0.5 U
CM-MW-01d	DP		161	2003Q2	05/22/03	12:55	0.5 U	0.79	0.5 U	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.48	1 U	5 U		3.85		0.5 U	14.8	0.5 U	0.5 U
CM-MW-01d	DP		161	2003Q3	08/13/03	16:50	0.5 U	0.65	0.5 U	0.89	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.61	1 U	5 U		4.56		0.5 U	15.4	0.5 U	0.5 U
CM-MW-01d	DP		161	2003Q4	11/12/03	11:15	0.5 U	0.67	0.5 U	1.04	0.58	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	11.2	1 U	5 U		4.82		0.5 U	15.6	0.5 U	0.5 U
CM-MW-01d	DP		161	2004Q1	01/27/04	16:35	0.5 U	0.72	0.5 U	1.07	0.54	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	10.5	1 U	5 UJ		5.23		0.5 U	16	0.5 U	0.5 U
CM-MW-01d	DP		161	2004Q2	05/05/04	10:05	1 U	1 U	1 U	1.24	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	13.7	1 U	5 U	1 U	5.61	1 U	1 U	17.9	1 U	1 UJ
CM-MW-01d	DP		161	2004Q3	08/19/04	11:30	0.5 U	0.87 J	0.5 U	1.33	0.66	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 UJ	14.2	1 U	5 U		6.39		0.5 U	21	0.5 U	0.5 U
CM-MW-01d	DP		161	2004Q4	11/17/04	11:00	0.5 U	0.68	0.5 U	1.18	0.5	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	13.2	1 U	5 U		5.76		0.5 U	16.7	0.5 U	0.5 U
CM-MW-01d	DP		161	2005Q1	02/02/05	10:38	0.5 U	0.73	0.5 U	1.26	0.64	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	14.9	1 U	5 U		8.25		0.5 U	21.9	0.5 U	0.5 U
CM-MW-01d	DP		161	2005Q2	05/16/05	13:05	0.5 U	0.69	0.5 U	0.98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	11	1 U	5 U		5.94		0.5 U	18.8	0.5 U	0.5 U
CM-MW-01d	DP		161	2005Q3	08/19/05	12:28	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	9.64	1 U	1 U		7.29		1 U	19	1 U	1 U
CM-MW-01d	DP		161	2005Q4	11/14/05	12:08	0.5 U	0.55	0.5 U	0.92	0.51	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	10.9	1 U	5 U		6.12		0.5 U	17.7	0.5 U	0.5 U
CM-MW-01d	DP		161	2006Q2	06/08/06	13:32	0.5 U	0.56	0.5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.36	1 U	5 U		8.21	0.5 U	0.5 U	17.4	0.5 U	0.5 U
CM-MW-01d	DP		161	2006Q3	09/12/06	18:24	0.5 U	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.95	1 U	5 U		8.15	0.5 U	0.5 U	14.7	0.5 U	0.5 U
CM-MW-01d	DP		161	2007Q1	02/10/07	15:25	0.5 U	0.5 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	1 U	0.5 U	0.5 U	5 U	7.19	1 U	5 U		9.17	0.5 U	0.5 U	14.8	0.5 U	0.5 U
CM-MW-01d	DP		161	2007Q3	09/17/07	16:33	0.5 U	0.5 U	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.02	1 U	5 U		10.7	0.5 U	0.5 U	14.4	0.5 U	0.5 U
CM-MW-01d	DP	DP	161	2008Q1	03/07/08	11:50	0.5 U	0.5 U	0.5 U	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.04	1 U	5 U		9.75	0.5 U	0.5 U	15.1	0.5 U	0.5 U
CM-MW-01d	DP	D	161	2008Q1	03/07/08	11:50	0.5 U	0.5 U	0.5 U	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.03	1 U	5 U		9.77	0.5 U	0.5 U	15.2	0.5 U	0.5 U
CM-MW-01d	DP		161	2008Q3	09/22/08	13:27	0.5 U	0.5 U	0.5 U	0.67	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	7.8	0.5 U	2 U		9.2	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-01d	DP		161	2009Q1	04/03/09	14:50	0.5 U	0.5	0.5 U	0.69	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	8.4	0.5 U	2 U		9.6	0.5 U	0.5 U	18	0.5 U	0.5 U
CM-MW-01d	DP		161	2009Q2	06/16/09	10:00	0.5 U	0.5 U	0.5 U	0.61	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	7.4	0.5 U	2 U		11	0.5 U	0.5 U	17	0.5 U	0.5 U
CM-MW-01d	DP		161	2009Q3	09/22/09	14:44	0.5 U	0.5 U	0.5 U	0.62	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	7.2	0.5 U	2 U		7	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-01d	DP		161	2009Q4	12/14/09	14:30	0.5 U	0.5 U	0.5 U	0.68	0.57	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	6.4	0.5 U	2 U		7	0.5 U	0.5 U	15	0.5 U	0.5 U
CM-MW-01d	DP		161	2010Q1	03/23/10	11:08	0.5 U	0.5 U	0.5 U	0.53	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	5.2	0.5 U	2 U		6.4	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-01d	DP		161	2010Q3	09/29/10	11:22	0.5 U	0.51	0.5 U	0.6	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	5.8	0.5 U	2 U		7.1	0.5 U	0.5 U	14	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-01d	DP		161	2011Q1	03/22/11	14:30	0.5 U	0.53	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	0.5 U	3	0.5 U	2 U		4.5	0.5 U	0.5 U	9.8	0.5 U	0.5 U
CM-MW-01d	DP		161	2011Q3	09/19/11	10:25	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	1 U	0.5 U	0.5 U	5 U	4.1	1 U	5 U		5.02	0.5 U	0.5 U	7.65	0.5 U	0.5 U
CM-MW-01d	DP		161	2012Q1	03/23/12	15:11	0.5 U	0.5 J	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	1 U	0.5 U	0.5 U	5 U	2.8	1 U	5 U		3.4	0.5 U	0.5 U	7.4	0.5 U	0.5 U
CM-MW-01d	DP		161	2012Q3	09/10/12	13:11	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	1 U	0.5 U	0.5 U	5 U	2.8	1 U	5 U		5.1	0.5 U	0.5 U	6.4	0.5 U	0.5 U
CM-MW-01d	DP		161	2013Q1	03/08/13	15:22	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	1 U	0.5 U	0.5 U	5 U	3	1 U	5 U		7.3	0.5 U	0.5 U	8.3	0.5 U	0.5 U
CM-MW-01d	DP		161	2013Q3	09/27/13	10:40	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.1	1 U	5 U		6.7	0.5 U	0.5 U	7.5	0.5 U	0.5 U
CM-MW-01d	DP		161	2014Q1	03/21/14	11:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.2	1 U	5 U		4.7	0.5 U	0.5 U	8.5	0.5 U	0.5 U
CM-MW-01d	DP		161	2014Q3	09/12/14	10:04	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.61	1 U	5 U		3.62	0.5 U	0.5 U	4.22	1 U	0.5 U
CM-MW-01d	DP		161	2015Q1	03/07/15	14:20	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.07	1 U	5 U		4.92	0.5 U	0.5 U	7.3	1 U	0.5 U
CM-MW-01d	DP		161	2015Q3	09/04/15	14:04	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.3	1 U	5 U		4.24	0.5 U	0.5 U	6.3	1 U	0.5 U
CM-MW-01d	DP		194	2001Q2	05/17/01	0:00		1.41	0.5 U	1.19	0.58	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.76	1 U	5 U		2.82		0.5 U	14.1	0.5 U	0.5 U
CM-MW-01d	DP		194	2001Q3	08/27/01	14:15	0.5 U	0.99	0.5 U	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.87	1 U	5 U		3.44		0.5 U	11.9	0.5 U	0.5 U
CM-MW-01d	DP		194	2001Q4	11/09/01	13:15	0.5 U	1.73	0.5 U	1.11	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.33	1 U	5 U		1.87		0.5 U	12.1	0.5 U	0.5 U
CM-MW-01d	DP		194	2002Q1	02/04/02	15:35	0.5 U	3.63	0.5 U	1.6	1.41	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.95	1 U	5 U		4.49		0.5 U	29.2	0.55	0.5 U
CM-MW-01d	DP		194	2002Q2	05/28/02	15:05	0.5 U	1.59	0.5 U	0.85	0.66	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.8	1 U	5 U		3.47		0.5 U	13.9	0.5 U	0.5 U
CM-MW-01d	DP		194	2002Q3	08/20/02	14:55	0.5 U	1.02	0.5 U	0.79	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.55	1 U	5 U		2.58		0.5 U	12	0.5 U	0.5 U
CM-MW-01d	DP		194	2002Q4	11/25/02	13:15	0.5 U	1.06	0.5 U	0.73	0.57	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.36	1 U	5 U		3.26		0.5 U	14.6	0.5 U	0.5 U
CM-MW-01d	DP		194	2003Q1	01/27/03	11:10	0.5 U	1.69	0.5 U	0.94	0.65	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.55	1 U	5 UJ		4.08		0.5 U	18.5	0.5 U	0.5 U
CM-MW-01d	DP		194	2003Q2	05/22/03	14:05	0.5 U	1.65	0.5 U	0.99	0.76	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.91	1 U	5 U		4.36		0.5 U	19.7	0.5 U	0.5 U
CM-MW-01d	DP		194	2003Q3	08/13/03	17:45	0.5 U	0.5 U	0.5 U	1.17	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.27	1 U	5 U		20.4		0.5 U	33.4	0.5 U	0.5 U
CM-MW-01d	DP		194	2003Q4	11/12/03	12:10	0.5 U	0.79	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.94	1 U	5 U		4.69		0.5 U	14	0.5 U	0.5 U
CM-MW-01d	DP		194	2004Q1	01/27/04	15:45	0.5 U	0.81	0.5 U	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.27	1 U	5 UJ		4.93		0.5 U	14.6	0.5 U	0.5 U
CM-MW-01d	DP		194	2004Q2	05/05/04	9:50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	5.91	1 U	5 U	1 U	3.61	1 U	1 U	12.6	1 U	1 U
CM-MW-01d	DP		194	2004Q3	08/19/04	11:15	0.5 U	0.69 J	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 UJ	6.2	1 U	5 U		3.74		0.5 U	14.5	0.5 U	0.5 U
CM-MW-01d	DP		194	2004Q4	11/17/04	11:35	0.5 U	0.55	0.5 U	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	6.48	1 U	5 U		3.73		0.5 U	11.7	0.5 U	0.5 U
CM-MW-01d	DP		194	2005Q1	02/02/05	10:10	0.5 U	0.64	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	7.34	1 U	5 U		4.92		0.5 U	14.7	0.5 U	0.5 U
CM-MW-01d	DP		194	2005Q2	05/16/05	12:46	0.5 U	0.7	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.42	1 U	5 U		4.5		0.5 U	14.8	0.5 U	0.5 U
CM-MW-01d	DP		194	2005Q3	08/19/05	11:33	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	6.74	1 U	1 U		4.68		1 U	13.6	1 U	1 U
CM-MW-01d	DP		194	2005Q4	11/14/05	11:36	0.5 U	0.6	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.84	1 U	5 U		3.86		0.5 U	13.2	0.5 U	0.5 U
CM-MW-01d	DP		194	2006Q2	06/08/06	12:55	0.5 U	0.67	0.5 U	0.77	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.08	1 U	5 U		6.7	0.5 U	0.5 U	16.5	0.5 U	0.5 U
CM-MW-01d	DP		194	2006Q3	09/12/06	17:47	0.5 U	0.54	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.79	1 U	5 U		5.16	0.5 U	0.5 U	13.8	0.5 U	0.5 U
CM-MW-01d	DP		194	2007Q1	02/10/07	16:15	0.5 U	1.14	0.5 U	0.98	0.89	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.33	1 U	5 U		5.67	0.5 U	0.5 U	21	0.5 U	0.5 U
CM-MW-01d	DP		194	2007Q3	09/18/07	10:13	0.5 U	0.59	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8	1 U	5 U		5.83	0.5 U	0.5 U	15.4	0.5 U	0.5 U
CM-MW-01d	DP		194	2008Q1	03/07/08	12:37	0.5 U	1.28	0.5 U	1.06	0.93	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.06	1 U	5 U		5.65	0.5 U	0.5 U	20.1	0.5 U	0.5 U
CM-MW-01d	DP		194	2008Q3	09/22/08	13:55	0.5 U	0.64	0.5 U	0.81	0.53	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	7.6	0.5 U	2 U		6.2	0.5 U	0.5 U	18	0.5 U	0.5 U
CM-MW-01d	DP		194	2009Q1	04/03/09	15:40	0.5 U	0.88	0.5 U	0.95	0.67	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	8.7	0.5 U	2 U		6.9	0.5 U	0.5 U	20	0.5 U	0.5 U
CM-MW-01d	DP		194	2009Q2	06/16/09	9:37	0.5 U	0.65	0.5 U	0.83	0.56	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	8.2	0.5 U	2 U		8.5	0.5 U	0.5 U	19	0.5 U	0.5 U
CM-MW-01d	DP		194	2009Q3	09/22/09	15:05	0.5 UJ	2.4 J	0.5 UJ	1.6 J	2.1 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	11 J	0.5 UJ	2 UJ		7.3 J	0.5 UJ	0.5 UJ	30 J	0.65 J	0.5 UJ
CM-MW-01d	DP	DP	194	2009Q4	12/14/09	13:25	0.5 U	2.6	0.5 U	1.8	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	11	0.5 U	2 U		5.3	0.5 U	0.5 U	33	0.69	0.5 U
CM-MW-01d	DP	D	194	2009Q4	12/14/09	13:25	0.5 U	2.6	0.5 U	1.8	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	11	0.5 U	2 U		5.5	0.5 U	0.5 U	33	0.7	0.5 U
CM-MW-01d	DP		194	2010Q1	03/23/10	11:23	0.5 U	2.5	0.5 U	1.8	2.7	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	10	0.5 U	2 U		4.7	0.5 U	0.5 U	32	0.83	0.5 U
CM-MW-01d	DP		194	2010Q2	06/17/10	14:45	0.5 U	1.2	0.5 U	0.98	1.2	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	7.5	0.5 U	2 U		4.9	0.5 U	0.5 U	19	0.5 U	0.5 U
CM-MW-01d	DP		194	2010Q3	09/29/10	11:53	0.5 U	3	0.5 U	2.1	2.6	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	12	0.5 U	2 U		4.6	0.5 U	0.5 U	33	0.69	0.5 U
CM-MW-01d	DP		194	2010Q4	12/09/10	12:08	0.5 U	2.4	0.5 U	1.8	2.6	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	11	0.5 U	2 U		4.1	0.5 U	0.5 U	32	0.67	0.5 U
CM-MW-01d	DP		194	2011Q1	03/22/11	14:59	0.5 U	1.4	0.5 U	1.1	1.4	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	8	0.5 U	2 U		4.6	0.5 U	0.5 U	24	0.5 U	0.5 U
CM-MW-01d	DP		194	2011Q3	09/19/11	10:53	0.5 U	0.85	0.5 U	0.76	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.08	1 U	5 U		3.36	0.5 U	0.5 U	13.2	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-01d	DP		194	2012Q1	03/23/12	15:30	0.5 U	1.5	0.5 U	1.2	1.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.1	1 U	5 U		3.3	0.5 U	0.5 U	19	0.5 U	0.5 U
CM-MW-01d	DP		194	2012Q3	09/10/12	13:30	0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.4	1 U	5 U		3.2	0.5 U	0.5 U	9.6	0.5 U	0.5 U
CM-MW-01d	DP		194	2013Q1	03/08/13	15:45	0.5 U	0.96	0.5 U	0.9	0.86	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.6	1 U	5 U		3.7	0.5 U	0.5 U	19	0.5 U	0.5 U
CM-MW-01d	DP		194	2013Q3	09/27/13	11:05	0.5 U	0.72	0.5 U	0.8	0.83	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.2	1 U	5 U		3.8	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-01d	DP		194	2014Q1	03/21/14	10:50	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.8	1 U	5 U		4.5	0.5 U	0.5 U	10	0.5 U	0.5 U
CM-MW-01d	DP		194	2014Q3	09/12/14	10:21	0.5 U	0.55	0.5 U	0.6	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.66	1 U	5 U		2.5	0.5 U	0.5 U	9.21	1 U	0.5 U
CM-MW-01d	DP		194	2015Q1	03/07/15	14:46	0.5 U	0.53	0.5 U	0.5	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.04	1 U	5 U		3.42	0.5 U	0.5 U	14.85	1 U	0.5 U
CM-MW-01d	DP		194	2015Q3	09/04/15	16:32	0.5 U	0.5 U	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.57	1 U	5 U		3.27	0.5 U	0.5 U	10.88	1 U	0.5 U
CM-MW-01d	DP	DP	224	2001Q2	05/17/01	0:00		1.85	0.5 U	1.29	0.9	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.55	1 U	5 U		2.36		0.5 U	15.1	0.56	0.5 U
CM-MW-01d	DP	D	224	2001Q2	05/17/01	0:00		1.84	0.5 U	1.29	0.92	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.62	1 U	5 U		2.36		0.5 U	14.9	0.55	0.5 U
CM-MW-01d	DP		224	2001Q3	08/27/01	14:00	0.5 U	2.31	0.5 U	1.16	0.92	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.01	1 U	5 U		3.46		0.5 U	18.4	0.5 U	0.5 U
CM-MW-01d	DP		224	2001Q4	11/09/01	14:00	0.5 U	2.21	0.5 U	1.2	0.91	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.03	1 U	5 U		1.89		0.5 U	14.1	0.55	0.5 U
CM-MW-01d	DP		224	2002Q1	01/30/02	15:50	0.5 U	2.36	0.5 U	1.09	1.22	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.08	1 U	5 U		3.87		0.5 U	21.8	0.78	0.5 U
CM-MW-01d	DP		224	2002Q2	05/28/02	13:40	0.5 U	2.44	0.5 U	1.06	1.03	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.95	1 U	5 U		4.33		0.5 U	21.9	0.59	0.5 U
CM-MW-01d	DP		224	2002Q3	08/20/02	14:45	0.5 U	2	0.5 U	1.33	0.97	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.45	1 U	5 U		1.96		0.5 U	14.9	0.5 U	0.5 U
CM-MW-01d	DP		224	2002Q4	11/26/02	12:00	0.5 U	2.97	0.5 U	1.3	1.3	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.08	1 U	5 U		3.41		0.5 U	24.1	0.79	0.5 U
CM-MW-01d	DP		224	2003Q1	01/27/03	12:15	0.5 U	2.97	0.5 U	1.31	1.38	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.88	1 U	5 U		5.1		0.5 U	28.4	0.87	0.5 U
CM-MW-01d	DP		224	2003Q2	05/22/03	15:20	0.5 U	3.02	0.5 U	1.27	1.23	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.01	1 U	5 U		4.92		0.5 U	28.1	0.8	0.5 U
CM-MW-01d	DP		224	2003Q3	08/14/03	11:40	0.5 U	2.48	0.5 U	1.27	1.49	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.49	1 U	5 U		4.99		0.5 U	30	0.79	0.5 U
CM-MW-01d	DP	DP	224	2003Q4	11/12/03	13:20	0.5 U	2.89	0.5 U	1.24	1.39	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.62	1 U	5 U		5.11		0.5 U	26.6	0.73	0.5 U
CM-MW-01d	DP	D	224	2003Q4	11/12/03	13:20	0.5 U	2.77	0.5 U	1.32	1.45	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.09	1 U	5 U		5.06		0.5 U	26.6	0.88	0.5 U
CM-MW-01d	DP		224	2004Q1	01/27/04	18:35	0.5 U	2.81	0.5 U	1.31	1.44	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.86	1 U	5 UJ		5.14		0.5 U	28.5	0.82	0.5 U
CM-MW-01d	DP		224	2004Q2	05/05/04	9:35	1 U	2.53	1 U	1.23	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	7.49	1 U	5 U	1 U	4.36	1 U	1 U	24.9	1 U	1 U
CM-MW-01d	DP		224	2004Q3	08/23/04	10:15	1 U	2.69	1 U	1.33	1.45	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	8.32	1 U	5 U	1 U	4.03	1 U	1 U	26.4	1 U	1 U
CM-MW-01d	DP		224	2004Q4	11/17/04	13:00	0.5 U	2.59	0.5 U	1.35	1.47	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	8.24	1 U	5 U		4.03		0.5 U	23.1	0.77	0.5 U
CM-MW-01d	DP		224	2005Q1	02/02/05	9:38	0.5 U	2.56	0.5 U	1.36	1.58	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	8.71	1 U	5 U		5.68		0.5 U	31.2	0.92	0.5 U
CM-MW-01d	DP		224	2005Q2	05/16/05	12:20	0.5 U	2.96	0.5 U	1.16	1.33	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.4	1 U	5 U		5.25		0.5 U	28.8	0.5 U	0.5 U
CM-MW-01d	DP		224	2005Q3	08/19/05	10:45	1 U	2.24	1 U	1.26	1.48	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	7.06	1 U	1 U		4.9		1 U	26.9	1 U	1 U
CM-MW-01d	DP		224	2005Q4	11/14/05	11:05	0.5 U	2.89	0.5 U	1.45	1.56	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.74	1 U	5 U		4.25		0.5 U	27.3	0.94	0.5 U
CM-MW-01d	DP	DP	224	2006Q2	06/08/06	12:05	0.5 U	3.21	0.5 U	1.57	1.92	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.35	1 U	5 U		6.27	0.5 U	0.5 U	33.3	1.07	0.5 U
CM-MW-01d	DP	D	224	2006Q2	06/08/06	12:05	0.5 U	2.93	0.5 U	1.49	1.76	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.14	1 U	5 U		5.95	0.5 U	0.5 U	32.2	0.94	0.5 U
CM-MW-01d	DP		224	2006Q3	09/12/06	17:00	0.5 U	2.55	0.5 U	1.31	1.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.02	1 U	5 U		4.87	0.5 U	0.5 U	27.2	0.65	0.5 U
CM-MW-01d	DP		224	2007Q1	02/10/07	17:00	0.5 U	1.96	0.5 U	1.14	1.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.73	1 U	5 U		5.36	0.5 U	0.5 U	26.3	0.61	0.5 U
CM-MW-01d	DP		224	2007Q3	09/18/07	10:31	0.5 U	2.27	0.5 U	1.34	1.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.47	1 U	5 U		5.04	0.5 U	0.5 U	27.4	0.61	0.5 U
CM-MW-01d	DP		224	2008Q1	03/07/08	13:35	0.5 U	2.17	0.5 U	1.3	1.46	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.56	1 U	5 U		5.41	0.5 U	0.5 U	27	0.66	0.5 U
CM-MW-01d	DP		224	2008Q3	09/22/08	14:28	0.5 U	2.2	0.5 U	1.4	1.8	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	8.2	0.5 U	2 U		4.7	0.5 U	0.5 U	29	0.7	0.5 U
CM-MW-01d	DP		224	2009Q1	04/03/09	16:05	0.5 U	2.7	0.5 U	1.5	2	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	0.5 U	2 U		5.4	0.5 U	0.5 U	31	0.89	0.5 U
CM-MW-01d	DP		224	2009Q2	06/16/09	9:08	0.5 U	3	0.5 U	1.8	2.4	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	0.5 U	2 U		6.5	0.5 U	0.5 U	38	0.96	0.5 U
CM-MW-01d	DP		224	2009Q3	09/22/09	14:12	0.5 U	1.7	0.5 U	1.1	1.4	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	7	0.5 U	2 U		5	0.5 U	0.5 U	23	0.65	0.5 U
CM-MW-01d	DP		224	2009Q4	12/14/09	13:05	0.5 U	1.8	0.5 U	1.2	2	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	7	0.5 U	2 U		5.4	0.5 U	0.5 U	26	0.68	0.5 U
CM-MW-01d	DP		224	2010Q1	03/23/10	11:40	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	0.5 U	0.5 U	0.5 U	1.9	0.5 U	2 U		2.7	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-01d	DP		224	2010Q3	09/29/10	12:16	0.5 U	1.4	0.5 U	0.95	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	5.6	0.5 U	2 U		4.4	0.76 UB	0.5 U	19	0.5 U	0.5 U
CM-MW-01d	DP		224	2011Q1	03/22/11	15:32	0.5 U	1	0.5 U	0.7	0.98	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	4.5	0.5 U	2 U		4.3	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-01d	DP		224	2011Q3	09/19/11	11:23	0.5 U	0.89	0.5 U	0.67	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.54	1 U	5 U		2.43	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-01d	DP		224	2012Q1	03/23/12	13:50	0.5 U	1	0.5 U	0.76 J	0.73 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.5	1 U	5 U		3.1	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-01d	DP		224	2012Q3	09/10/12	13:52	0.5 U	1	0.5 U	0.72	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5	1 U	5 U		3	0.5 U	0.5 U	14	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-01d	DP		224	2013Q1	03/08/13	16:10	0.5 U	0.83	0.5 U	0.57	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.7	1 U	5 U		3.4	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-01d	DP		224	2013Q3	09/27/13	11:35	0.5 U	0.98	0.5 U	0.79	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.6	1 U	5 U		3.3	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-01d	DP		224	2014Q1	03/21/14	10:15	0.5 U	1.2	0.5 U	0.86	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5	1 U	5 U		3.6	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-01d	DP		224	2014Q3	09/12/14	10:36	0.5 U	0.86	0.5 U	0.77	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.3	1 U	5 U		2.22	0.5 U	0.5 U	9.47	1 U	0.5 U
CM-MW-01d	DP		224	2015Q1	03/07/15	15:13	0.5 U	0.86	0.5 U	0.63	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.56	1 U	5 U		3.21	0.5 U	0.5 U	14.6	1 U	0.5 U
CM-MW-01d	DP		224	2015Q3	09/04/15	17:01	0.5 U	0.94	0.5 U	0.78	0.95	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.75	1 U	5 U		2.66	0.5 U	0.5 U	12.55	1 U	0.5 U
CM-MW-02d	DP	DP	225	2000Q4	12/14/00	0:00		4.39	1 U	1.73	1.91	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	1 U	10.6	1 U	5 U		8.97		1 U	39.3	1.35	1 U
CM-MW-02d	DP	D	225	2000Q4	12/14/00	0:00		4.54	1 U	1.76	1.86	1.04	1 U	1 U	1 U		1 U	5 U	1 U	5 U	1 U	10.6	1 U	5 U		8.95		1 U	37.9	1.25	1 U
CM-MW-02d	DP	DP	225	2001Q1	02/08/01	0:00		5.23	1 U	1.92	2.07	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	10.2	1 U	5 U		7.22		1 U	34.7	1.32	1 U
CM-MW-02d	DP	D	225	2001Q1	02/08/01	0:00		5.47	1 U	2.15	2.17	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	10.8	1 U	5 U		8.03		1 U	38	1.6	1 U
CM-MW-02d	DP		225	2001Q3	08/30/01	12:05	0.5 U	3.05	0.5 U	1.28	1.2	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.2	1 U	5 U		4.49		0.5 U	21.9	0.94	0.5 U
CM-MW-02d	DP		225	2001Q4	11/09/01	9:00	0.5 U	2.76	0.5 U	1.23	1.16	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.8	1 U	5 U		3.85		0.5 U	21.1	0.5 U	0.5 U
CM-MW-02d	DP		225	2002Q1	02/04/02	12:55	0.5 U	2.26	0.5 U	1.04	0.93	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.26	1 U	5 U		4.83		0.5 U	21.6	0.65	0.5 U
CM-MW-02d	DP	DP	225	2002Q2	05/30/02	11:15	0.5 U	3.32	0.5 U	1.44	1.36	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.3	1 U	5 U		5.23		0.5 U	26	0.93	0.5 U
CM-MW-02d	DP	D	225	2002Q2	05/30/02	11:15	0.5 U	3.32	0.5 U	1.48	1.46	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.33	1 U	5 U		5.15		0.5 U	26.3	0.95	0.5 U
CM-MW-02d	DP		225	2002Q3	08/20/02	16:45	0.5 U	1.81	0.5 U	1.43	1.07	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.96	1 U	5 U		3.78		0.5 U	20.7	0.5	0.5 U
CM-MW-02d	DP		225	2003Q1	02/07/03	10:30	0.5 U	3.26	0.5 U	1.46	1.6	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.27	1 U	5 U		5.65		0.5 U	28.6	0.99	0.5 U
CM-MW-02d	DP		225	2004Q1	01/30/04	13:10	0.5 U	3.81 J	0.5 U	1.77	1.92	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.7	1 U	5 UJ		6.49		0.5 U	33.8	1.5	0.5 U
CM-MW-02d	DP		225	2004Q4	11/17/04	14:35	0.5 U	3.45	0.5 U	1.74	1.7	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	9.52	1 U	5 U		5.18		0.5 U	26.4	1.14	0.5 U
CM-MW-02d	DP		225	2005Q1	02/01/05	14:00	0.5 U	3.91	0.5 U	2.05	1.98	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	11.4	1 U	5 U		4.85		0.5 U	30.6	1.21	0.5 U
CM-MW-02d	DP		225	2005Q3	08/18/05	11:22	1 U	3.46	1 U	1.32	1.81	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	8.06	1 U	1 U		5.79		1 U	31.3	1.15	1 U
CM-MW-02d	DP		225	2006Q2	06/07/06	10:48	0.5 U	4.01	0.5 U	1.98	2.22	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.3	1 U	5 U		6.98	0.5 U	0.5 U	37.1	1.43	0.5 U
CM-MW-02d	DP		225	2006Q3	09/11/06	13:50	0.5 U	2.36	0.5 U	1.15	1.49	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.25	1 U	5 U		4.46	0.5 U	0.5 U	23.2	0.74	0.5 U
CM-MW-02d	DP		225	2007Q1	02/12/07	14:28	0.5 U	1.86	0.5 U	0.98	1.23	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.28	1 U	5 U		4.52	0.5 U	0.5 U	21	0.75	0.5 U
CM-MW-02d	DP		225	2008Q1	03/03/08	13:50	0.5 U	1.92	0.5 U	1.1	1.15	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.78	1 U	5 U		3.94	0.5 U	0.5 U	20.1	0.63	0.5 U
CM-MW-02d	DP		225	2009Q1	04/01/09	10:50	0.5 U	1.8	0.5 U	1.2	1.4	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	6.6	0.5 U	2 U		5.1	0.5 U	0.5 U	23	0.75	0.5 U
CM-MW-02d	DP		225	2009Q3	09/18/09	11:15	0.5 U	1.3	0.5 U	0.96	0.94	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	4.9	0.5 U	2 U		4.2	0.5 U	0.5 U	19	0.5 U	0.5 U
CM-MW-02d	DP		225	2010Q1	03/18/10	13:32	0.5 U	0.7	0.5 U	0.75	0.6	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	2.9	0.5 U	2 U		2.1	0.5 U	0.5 U	9.8	0.5 U	0.5 U
CM-MW-02d	DP		225	2011Q1	03/22/11	9:09	0.5 U	0.91	0.5 U	0.61	0.63	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	2.6	0.5 U	2 U		2	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-02d	DP		225	2012Q1	03/26/12	11:58	0.5 U	0.79 J	0.5 U	0.77 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3	1 U	5 U		1.4	0.5 U	0.5 U	8.8	0.5 U	0.5 U
CM-MW-02d	DP		225	2013Q1	03/14/13	13:43	0.5 U	0.87	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.2	1 U	5 U		2.1	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-02d	DP		225	2014Q1	03/27/14	16:52	0.5 U	1.7	0.5 U	1.2	1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.2	1 U	5 U		3.2	0.5 U	0.5 U	20	0.54	0.5 U
CM-MW-02d	DP		225	2015Q1	03/19/15	10:18	0.5 U	0.95	0.5 U	0.62	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.47	1 U	5 U		2.12	0.5 U	0.5 U	12.59	1 U	0.5 U
CM-MW-02d	DP		225	2015Q3	09/10/15	16:53	0.5 U	0.72	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.73	1 U	5 U		1.31	0.5 U	0.5 U	8.79	1 U	0.5 U
CM-MW-03d	DP		141	2002Q3	09/11/02	13:45	0.5 U	1.14	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 U	0.5 U	0.5 U	5 U	4.43	1 U	5 U		12.5		0.5 U	21 J	0.5 U	0.5 U
CM-MW-03d	DP		141	2002Q4	11/25/02	16:55	0.5 U	0.63	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.14	1 U	5 U		3.92		0.5 U	9.94	0.5 U	0.5 U
CM-MW-03d	DP		141	2003Q1	01/27/03	16:10	0.5 U	0.53	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.87	1 U	5 U		4.69		0.5 U	11.1	0.5 U	0.5 U
CM-MW-03d	DP		141	2003Q2	05/24/03	10:05	0.5 U	0.65	0.5 U	0.83	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.86	1 U	5 U		5.03		0.5 U	12.1	0.5 U	0.5 U
CM-MW-03d	DP		141	2003Q3	08/12/03	18:10	0.5 U	0.56	0.5 U	0.84	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.09	1 U	5 U		4.47		0.5 U	12.4	0.5 U	0.5 U
CM-MW-03d	DP		141	2003Q4	11/12/03	15:20	0.5 U	0.74	0.5 U	1.08	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	10.7	1 U	5 U		5.63		0.5 U	14.1	0.5 U	0.5 U
CM-MW-03d	DP		141	2004Q1	01/29/04	14:50	0.5 U	0.78	0.5 U	1.19	0.65	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	13.1	1 U	5 U		6.49		0.5 U	16.7	0.5 U	0.5 U
CM-MW-03d	DP		141	2004Q2	05/04/04	14:05	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	10.5	1 U	5 U	1 U	4.24	1 U	1 U	12.5	1 U	1 U
CM-MW-03d	DP		141	2004Q3	08/19/04	10:15	0.5 U	0.81 J	0.5 U	1.23	0.52	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 UJ	12.4	1 U	5 U		5.89		0.5 U	16.1	0.5 U	0.5 U
CM-MW-03d	DP		141	2004Q4	11/16/04	9:30	0.5 U	0.61	0.5 U	1.08	0.55	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	10.7	1 U	5 U		4.82		0.5 U	15.3	0.5 U	0.5 U
CM-MW-03d	DP		141	2005Q1	02/03/05	10:25	0.5 U	0.64	0.5 U	1.1	0.66	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	12.5	1 U	5 U		6.92		0.5 U	16	0.5 U	0.5 U
CM-MW-03d	DP		141	2005Q2	05/18/05	11:05	0.5 U	0.58	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	7.62	1 U	5 U		3.84		0.5 U	10.7	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-03d	DP		141	2005Q3	08/18/05	14:18	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	10.4	1 U	1 U		7.12		1 U	16	1 U	1 U
CM-MW-03d	DP		141	2005Q4	11/14/05	14:56	0.5 U	0.5 U	0.5 U	0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.83	1 U	5 U		5.31		0.5 U	12.9	0.5 U	0.5 U
CM-MW-03d	DP		141	2006Q2	06/07/06	14:48	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	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.24	1 U	5 U		7.55	0.5 U	0.5 U	12.6	0.5 U	0.5 U
CM-MW-03d	DP		141	2006Q3	09/11/06	17:52	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	1 U	0.5 U	0.5 U	5 U	3.33	1 U	5 U		6	0.5 U	0.5 U	8.98	0.5 U	0.5 U
CM-MW-03d	DP		141	2007Q1	02/11/07	13:40	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	1 U	0.5 U	0.5 U	5 U	2.93	1 U	5 U		6.27	0.5 U	0.5 U	8.01	0.5 U	0.5 U
CM-MW-03d	DP	DP	141	2007Q3	09/18/07	14:05	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	1 U	0.5 U	0.5 U	5 U	4.73	1 U	5 U		6.15	0.5 U	0.5 U	10.1	0.5 U	0.5 U
CM-MW-03d	DP	D	141	2007Q3	09/18/07	14:05	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	1 U	0.5 U	0.5 U	5 U	4.76	1 U	5 U		6.01	0.5 U	0.5 U	9.7	0.5 U	0.5 U
CM-MW-03d	DP		141	2008Q1	03/08/08	12:44	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	1 U	0.5 U	0.5 U	5 U	3.79	1 U	5 U		6.3	0.5 U	0.5 U	7.85	0.5 U	0.5 U
CM-MW-03d	DP		141	2008Q3	09/22/08	16:01	0.5 U	0.5 U	0.5 U	0.75	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	8	0.5 U	2 U		6.2	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-03d	DP		141	2009Q1	04/06/09	13:45	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	0.5 U	0.5 U	0.5 U	3.4	0.5 U	2 U		5.6	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-03d	DP		141	2009Q3	09/18/09	13:25	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	0.5 U	0.5 U	0.5 U	2.8	0.5 U	2 U		5.4	0.5 U	0.5 U	7.5	0.5 U	0.5 U
CM-MW-03d	DP		141	2010Q1	03/23/10	13:05	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	0.5 U	0.5 U	0.5 U	3.2	0.5 U	2 U		4.8	0.5 U	0.5 U	7.8	0.5 U	0.5 U
CM-MW-03d	DP		141	2010Q3	09/29/10	13:19	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	0.5 U	0.5 U	0.5 U	3.6	0.5 U	2 U		4.9	0.5 U	0.5 U	8.9	0.5 U	0.5 U
CM-MW-03d	DP		141	2011Q1	03/22/11	10:44	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	0.5 U	0.5 U	0.5 U	3.5	0.5 U	2 U		4.1	0.5 U	0.5 U	8	0.5 U	0.5 U
CM-MW-03d	DP		141	2011Q3	09/15/11	13:42	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	1 U	0.5 U	0.5 U	5 U	3.06	1 U	5 U		3.72	0.5 U	0.5 U	6.08	0.5 U	0.5 U
CM-MW-03d	DP		141	2012Q1	03/23/12	13:11	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	1 U	0.5 U	0.5 U	5 U	2.7	1 U	5 U		3.4	0.5 U	0.5 U	6.1	0.5 U	0.5 U
CM-MW-03d	DP		141	2012Q3	09/07/12	15:30	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	0.5 U	0.5 U	0.5 U	2.1	0.5 U	1 U		3	0.5 U	0.5 U	5	0.5 U	0.5 U
CM-MW-03d	DP		141	2013Q1	03/22/13	10:12	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	1 U	0.5 U	0.5 U	5 U	2.4	1 U	5 U		4.7	0.5 U	0.5 U	6.4	0.5 U	0.5 U
CM-MW-03d	DP		141	2013Q3	09/26/13	14:49	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.5	1 U	5 U		3.6	0.5 U	0.5 U	5.2	0.5 U	0.5 U
CM-MW-03d	DP		141	2014Q1	03/21/14	13:59	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.1	1 U	5 U		1.8	0.5 U	0.5 U	3.7	0.5 U	0.5 U
CM-MW-03d	DP		141	2014Q3	09/03/14	17:16	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.92	1 U	5 U		3.07	0.5 U	0.5 U	4.09	1 U	0.5 U
CM-MW-03d	DP		141	2015Q1	03/06/15	13:43	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.02	1 U	5 U		3.13	0.5 U	0.5 U	5.66	1 UJ	0.5 U
CM-MW-03d	DP		141	2015Q3	09/04/15	13:29	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.39	1 U	5 U		3.15	0.5 U	0.5 U	5.13	1 U	0.5 U
CM-MW-03d	DP		181	2002Q3	09/11/02	14:15	0.5 U	1.22	0.5 U	0.68	0.52	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.69	1 U	5 U		2.47		0.5 U	11.7 J	0.5 U	0.5 U
CM-MW-03d	DP		181	2002Q4	11/26/02	15:50	0.5 U	1.32	0.5 U	0.63	0.55	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.66	1 U	5 U		3.81		0.5 U	13.3	0.5 U	0.5 U
CM-MW-03d	DP		181	2003Q1	01/27/03	15:50	0.5 U	0.98	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.55	1 U	5 U		3.36		0.5 U	12.6	0.5 U	0.5 U
CM-MW-03d	DP		181	2003Q2	05/24/03	9:10	0.5 U	1.27	0.5 U	0.69	0.53	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.03	1 U	5 U		2.93		0.5 U	12.6	0.5 U	0.5 U
CM-MW-03d	DP		181	2003Q3	08/12/03	17:25	0.5 U	1.12	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	3.83	1 U	5 U		2.9		0.5 U	12.3	0.5 U	0.5 U
CM-MW-03d	DP		181	2003Q4	11/12/03	16:05	0.5 U	0.97	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.3	1 U	5 U		3.01		0.5 U	11.7	0.5 U	0.5 U
CM-MW-03d	DP		181	2004Q1	01/29/04	14:25	0.5 U	0.98	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.16	1 U	5 U		3.68		0.5 U	13	0.5 U	0.5 U
CM-MW-03d	DP		181	2004Q2	05/04/04	13:50	1 U	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	3.6	1 U	5 U	1 U	2.29	1 U	1 U	10.3	1 U	1 U
CM-MW-03d	DP		181	2004Q3	08/19/04	9:45	0.5 U	1.11 J	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 UJ	3.96	1 U	5 U		2.5		0.5 U	10.9	0.5 U	0.5 U
CM-MW-03d	DP		181	2004Q4	11/16/04	12:25	0.5 U	0.83	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.21	1 U	5 U		2.96		0.5 U	11.9	0.5 U	0.5 U
CM-MW-03d	DP		181	2005Q1	02/03/05	10:03	0.5 U	0.88	0.5 U	0.58	0.51	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.39	1 U	5 U		2.92		0.5 U	11.3	0.5 U	0.5 U
CM-MW-03d	DP		181	2005Q2	05/18/05	10:45	0.5 U	0.85	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	4.06	1 U	5 U		2.81		0.5 U	10.4	0.5 U	0.5 U
CM-MW-03d	DP		181	2005Q3	08/18/05	13:43	1 U	1.01	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	4.06	1 U	1 U		2.88		1 U	13	1 U	1 U
CM-MW-03d	DP		181	2005Q4	11/14/05	14:35	0.5 U	0.69	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.69	1 U	5 U		2.72		0.5 U	10.9	0.5 U	0.5 U
CM-MW-03d	DP		181	2006Q2	06/07/06	14:10	0.5 U	0.76	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	1 U	0.5 U	0.5 U	5 U	5.13	1 U	5 U		4.13	0.5 U	0.5 U	13.3	0.5 U	0.5 U
CM-MW-03d	DP		181	2006Q3	09/11/06	17:15	0.5 U	0.91	0.5 U	0.55	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.55	1 U	5 U		2.94	0.5 U	0.5 U	12.2	0.5 U	0.5 U
CM-MW-03d	DP		181	2007Q1	02/12/07	12:18	0.5 U	0.85	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.25	1 U	5 U		2.97	0.5 U	0.5 U	12.3	0.5 U	0.5 U
CM-MW-03d	DP		181	2007Q3	09/18/07	14:27	0.5 U	1.05	0.5 U	0.63	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.83	1 U	5 U		3.11	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-03d	DP	DP	181	2008Q1	03/08/08	12:12	0.5 U	0.81	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.28	1 U	5 U		3.18	0.5 U	0.5 U	12.1	0.5 U	0.5 U
CM-MW-03d	DP	D	181	2008Q1	03/08/08	12:12	0.5 U	0.86	0.5 U	0.54	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.23	1 U	5 U		3.22	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-03d	DP		181	2008Q3	09/22/08	16:27	0.5 U	0.83	0.5 U	0.62	0.58	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	4.8	0.5 U	2 U		2.7	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-03d	DP		181	2009Q1	04/06/09	14:15	0.5 U	0.78	0.5 U	0.67	0.51	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	5	0.5 U	2 U		3	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-03d	DP		181	2009Q3	09/18/09	12:50	0.5 U	0.68	0.5 U	0.56	0.5	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	4.7	0.5 U	2 U		3.4	0.5 U	0.5 U	12	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-03d	DP		181	2010Q1	03/23/10	12:54	0.5 U	0.65	0.5 U	0.5 U	0.53	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	0.5 U	2 U		2.5	0.5 U	0.5 U	9.6	0.5 U	0.5 U
CM-MW-03d	DP		181	2010Q3	09/29/10	13:47	0.5 U	0.9	0.5 U	0.56	0.61	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	3.1	0.5 U	2 U		2.4	0.5 U	0.5 U	10	0.5 U	0.5 U
CM-MW-03d	DP		181	2011Q1	03/22/11	11:12	0.5 U	0.69	0.5 U	0.5 U	0.54	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	0.5 U	2 U		1.9	0.5 U	0.5 U	8.8	0.5 U	0.5 U
CM-MW-03d	DP		181	2011Q3	09/15/11	14:16	0.5 U	0.65	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	1 U	0.5 U	0.5 U	5 U	2.19	1 U	5 U		1.88	0.5 U	0.5 U	7.96	0.5 U	0.5 U
CM-MW-03d	DP		181	2012Q1	03/23/12	13:33	0.5 U	0.62 J	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	1 U	0.5 U	0.5 U	5 U	1.6	1 U	5 U		1.3	0.5 U	0.5 U	6.1	0.5 U	0.5 U
CM-MW-03d	DP		181	2012Q3	09/07/12	15:50	0.5 U	0.5	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	0.5 U	0.5 U	0.5 U	1.7	0.5 U	1 U		1.2	0.5 U	0.5 U	5.4	0.5 U	0.5 U
CM-MW-03d	DP		181	2013Q1	03/22/13	10:40	0.5 U	0.69	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	1 U	0.5 U	0.5 U	5 U	1.8	1 U	5 U		2	0.5 U	0.5 U	8.3	0.5 U	0.5 U
CM-MW-03d	DP		181	2013Q3	09/26/13	15:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.7	1 U	5 U		1.8	0.5 U	0.5 U	7.4	0.5 U	0.5 U
CM-MW-03d	DP		181	2014Q1	03/21/14	14:17	0.5 U	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.6	1 U	5 U		1.8	0.5 U	0.5 U	7.3	0.5 U	0.5 U
CM-MW-03d	DP		181	2014Q3	09/03/14	17:31	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.45	1 U	5 U		1.27	0.5 U	0.5 U	5.49	1 U	0.5 U
CM-MW-03d	DP		181	2015Q1	03/06/15	14:10	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.25	1 U	5 U		1.6	0.5 U	0.5 U	7.19	1 UJ	0.5 U
CM-MW-03d	DP		181	2015Q3	09/04/15	13:05	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.57	1 U	5 U		1.31	0.5 U	0.5 U	6.56	1 U	0.5 U
CM-MW-03d	DP		227	2002Q3	09/11/02	14:45	0.5 U	3.27	0.5 U	1.56	1.5	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.08	1 U	5 U		3.64		0.5 U	23.6 J	1.05	0.5 U
CM-MW-03d	DP		227	2002Q4	11/26/02	8:15	0.5 U	3.42	0.5 U	1.51	1.58	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.87	1 U	5 U		4.11		0.5 U	25.5	1.09	0.5 U
CM-MW-03d	DP		227	2003Q1	01/27/03	15:20	0.5 U	3.84	0.5 U	1.49	1.67	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.88	1 U	5 U		5.4		0.5 U	31.7	1.21	0.5 U
CM-MW-03d	DP		227	2003Q2	05/24/03	8:05	0.5 U	3.34	0.5 U	1.5	1.48	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.52	1 U	5 U		4.52		0.5 U	25.8	1.11	0.5 U
CM-MW-03d	DP		227	2003Q3	08/11/03	17:40	0.5 U	3.19	0.5 U	1.33	1.39	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.61	1 U	5 U		4.52		0.5 U	27.2	1.07	0.5 U
CM-MW-03d	DP		227	2003Q4	11/12/03	16:55	0.5 U	3.11	0.5 U	1.43	1.2	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.2	1 U	5 U		4.27		0.5 U	24.8	1.06	0.5 U
CM-MW-03d	DP		227	2004Q1	01/29/04	13:55	0.5 U	3.48	0.5 U	1.67	1.63	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.73	1 U	5 U		5.84		0.5 U	31.5	1.17	0.5 U
CM-MW-03d	DP		227	2004Q2	05/04/04	13:30	1 U	2.57	1 U	1.27	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	7.56	1 U	5 U	1 U	3.65	1 U	1 U	21.5	1 U	1 U
CM-MW-03d	DP		227	2004Q3	08/19/04	9:15	0.5 U	2.38 J	0.5 U	1.43	0.87	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 UJ	7.64	1 U	5 U		2.43		0.5 U	18.3	0.5 U	0.5 U
CM-MW-03d	DP		227	2004Q4	11/16/04	13:00	0.5 U	3.24	0.5 U	1.49	1.62	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.61	1 U	5 U		4.58		0.5 U	29.7	1.09	0.5 U
CM-MW-03d	DP		227	2005Q1	02/03/05	9:39	0.5 U	3	0.5 U	1.54	1.93	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.45	1 U	5 U		4.97		0.5 U	27.8	1.16	0.5 U
CM-MW-03d	DP		227	2005Q2	05/18/05	9:34	0.5 U	3.05	0.5 U	1.37	1.45	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	7.21	1 U	5 U		2.55		0.5 U	20.8	1.13 J	0.5 U
CM-MW-03d	DP		227	2005Q3	08/18/05	12:47	1 U	3.81	1 U	1.64	1.93	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	9.69	1 U	1 U		4.8		1 U	33.7	1.33	1 U
CM-MW-03d	DP		227	2005Q4	11/14/05	14:07	0.5 U	3.02	0.5 U	1.53	1.71	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.14	1 U	5 U		4.15		0.5 U	27.7	1.12	0.5 U
CM-MW-03d	DP		227	2006Q2	06/07/06	13:30	0.5 U	3.67	0.5 U	1.8	1.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.72	1 U	5 U		4.99	0.5 U	0.5 U	32.2	1.29	0.5 U
CM-MW-03d	DP		227	2006Q3	09/11/06	16:25	0.5 U	2.61	0.5 U	1.32	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.18	1 U	5 U		4.55	0.5 U	0.5 U	27	0.87	0.5 U
CM-MW-03d	DP		227	2007Q1	02/12/07	13:16	0.5 U	2.74	0.5 U	1.51	2.02	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.38	1 U	5 U		4.83	0.5 U	0.5 U	30.4	1.14	0.5 U
CM-MW-03d	DP		227	2007Q3	09/18/07	14:47	0.5 U	3.27	0.5 U	1.77	2.02	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.5	1 U	5 U		4.54	0.5 U	0.5 U	30.4	1.22	0.5 U
CM-MW-03d	DP		227	2008Q1	03/08/08	11:30	0.5 U	2.5	0.5 U	1.36	1.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.4	1 U	5 U		4.43	0.5 U	0.5 U	26.6	0.95	0.5 U
CM-MW-03d	DP		227	2008Q3	09/22/08	16:59	0.5 U	2.4	0.5 U	1.6	1.9	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	8.7	0.5 U	2 U		3.6	0.5 U	0.5 U	28	0.95	0.5 U
CM-MW-03d	DP		227	2009Q1	04/06/09	14:50	0.5 U	2.5	0.5 U	1.8	1.9	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	8.7	0.5 U	2 U		3.2	0.5 U	0.5 U	27	0.81	0.5 U
CM-MW-03d	DP		227	2009Q3	09/18/09	12:25	0.5 U	2	0.5 U	1.3	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	7.5	0.5 U	2 U		3.7	0.5 U	0.5 U	24	0.84	0.5 U
CM-MW-03d	DP		227	2010Q1	03/23/10	12:42	0.5 U	1.3	0.5 U	0.86	1.2	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	4.7	0.5 U	2 U		2.3	0.5 U	0.5 U	16	0.65	0.5 U
CM-MW-03d	DP		227	2010Q3	09/29/10	0:00	0.5 U	1.5	0.5 U	0.88	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	0.5 U	4.8	0.5 U	2 U		1.7	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-03d	DP		227	2011Q1	03/22/11	11:39	0.5 U	1.2	0.5 U	0.73	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	4.1	0.5 U	2 U		1.7	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-03d	DP		227	2011Q3	09/15/11	14:48	0.5 U	1.33	0.5 U	0.78	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.38	1 U	5 U		2.11	0.5 U	0.5 U	14.7	0.62	0.5 U
CM-MW-03d	DP		227	2012Q1	03/23/12	13:56	0.5 U	0.98 J	0.5 U	0.74 J	0.83 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.6	1 U	5 U		0.94 J	0.5 U	0.5 U	9.9	0.5 U	0.5 U
CM-MW-03d	DP		227	2012Q3	09/07/12	16:12	0.5 U	1.4	0.5 U	0.9	0.98	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	5.3	0.5 U	1 U		1.7	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-03d	DP		227	2013Q1	03/22/13	11:07	0.5 U	1.2	0.5 U	0.79	0.96	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.3	1 U	5 U		2.3	0.5 U	0.5 U	15	0.5 U	0.5 U
CM-MW-03d	DP		227	2013Q3	09/26/13	15:47	0.5 U	1.2	0.5 U	0.84	1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.6	1 U	5 U		2	0.5 U	0.5 U	15	0.54	0.5 U
CM-MW-03d	DP		227	2014Q1	03/21/14	14:45	0.5 U	1.2	0.5 U	0.81	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.6	1 U	5 U		1.8	0.5 U	0.5 U	14	0.5 U	0.5 U
CM-MW-03d	DP		227	2014Q3	09/03/14	17:48	0.5 U	1.1	0.5 U	0.77	0.93	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.94	1 U	5 U		1.29	0.5 U	0.5 U	10.78	1 U	0.5 U
CM-MW-03d	DP		227	2015Q1	03/06/15	14:37	0.5 U	1.47	0.5 U	1.16	1.31	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.43	1 U	5 U		2.05	0.5 U	0.5 U	18.18	1 UJ	0.5 U
CM-MW-03d	DP		227	2015Q3	09/04/15	12:42	0.5 U	1.04	0.5 U	0.83	0.95	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.52	1 U	5 U		1.58	0.5 U	0.5 U	12.29	1 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-05d	DP		211.5	2000Q3	07/17/00	0:00		3.26	1 U	1.05	1.2	1 U	1 U	1 U	1 U		1 U	5 U	1 U	1 U	1 U	5.54	0.53	1 U		3.36		1 U	17.6	0.62	1 U
CM-MW-05d	DP		211.5	2001Q1	02/08/01	0:00		4.04	1 U	1.31	1.05	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	5 U	5.4	1 U	5 U		2.53		1 U	15.6	1 U	1 U
CM-MW-05d	DP		211.5	2001Q2	05/17/01	0:00		4.64	0.5 U	2.21	1.59	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.55	5 U	11.2	1 U	5 U		4.89		0.5 U	31.6	1.31	0.5 U
CM-MW-05d	DP		211.5	2001Q3	08/29/01	11:10	0.5 U	5.15	0.5 U	2.25	1.94	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	12.1	1 U	5 U		4.11		0.5 U	28.8	1.3	0.5 U
CM-MW-05d	DP		211.5	2001Q4	11/08/01	14:30	0.5 U	3.2	0.5 U	1.06	0.89	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	1.02	5 U	4.41	1 U	5 U		1.69		0.5 U	11.6	0.61	0.5 U
CM-MW-05d	DP		211.5	2002Q1	01/29/02	9:10	0.5 U	5.18	0.5 U	2.28	2.36	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	13.3	1 U	5 U		6.09		0.5 U	35.8	1.28	0.5 U
CM-MW-05d	DP		211.5	2002Q2	05/30/02	13:45	0.5 U	4.64	0.5 U	2.15	1.91	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	11.3	1 U	5 U		4.97		0.5 U	30.4	1.05	0.5 U
CM-MW-05d	DP		211.5	2002Q3	08/21/02	12:00	0.5 U	3.94	0.5 U	1.92	1.82	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.63	1 U	5 U		4.91		0.5 U	29.3	1.04	0.5 U
CM-MW-05d	DP		211.5	2002Q4	11/21/02	17:00	0.5 U	3.77	0.5 U	1.8	1.73	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.14	1 U	5 U		3.94		0.5 U	28.1	0.95	0.5 U
CM-MW-05d	DP		211.5	2003Q1	02/04/03	11:55	0.5 U	5.05	0.5 U	1.94	2.32	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	11.3	1 U	5 U		6.02		0.5 U	35	1.28	0.5 U
CM-MW-05d	DP		211.5	2003Q2	05/26/03	10:30	0.5 U	5.53	0.5 U	2.72	2.61	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	13.7	1 U	5 U		6.25		0.5 U	37.9	1.57	0.5 U
CM-MW-05d	DP		211.5	2003Q3	08/07/03	11:34	0.5 U	4.76	0.5 U	2.27	2.36	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	12	1 U	5 U		5.96		0.5 U	40.2	1.37	0.5 U
CM-MW-05d	DP		211.5	2003Q4	11/11/03	8:40	0.5 U	3.49	0.5 U	1.71	1.62	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	9.04	1 U	5 U		4.39		0.5 U	25	0.81	0.5 U
CM-MW-05d	DP		211.5	2004Q1	01/27/04	10:40	0.5 U	4.78	0.5 U	2.09	2.25	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	11.9	1 U	5 U		5.82		0.5 U	35.8	1.3	0.5 U
CM-MW-05d	DP		211.5	2004Q2	05/05/04	12:40	1 U	3.62	1 U	1.78	1.46	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	8.97	1 U	5 U	1 U	3.24	1 U	1 U	23.5	1 U	1 UJ
CM-MW-05d	DP		211.5	2004Q3	08/17/04	9:30	0.5 U	4.13	0.5 U	2.07	1.62 UJ	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	10.5	1 U	5 U		3.98		0.5 U	26.2	0.97	0.5 U
CM-MW-05d	DP		211.5	2004Q4	11/15/04	12:05	0.5 U	2.99	0.5 U	1.52	1.4	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	7.97	1 U	5 U		3.75		0.5 U	23	0.72	0.5 U
CM-MW-05d	DP		211.5	2005Q1	02/02/05	9:15	0.5 U	3.58	0.5 U	1.74	2.02	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	9.91	1 U	5 U		4.76		0.5 U	29.5	1.19	0.5 U
CM-MW-05d	DP		211.5	2005Q2	05/20/05	13:23	0.5 U	3.94	0.5 U	1.75	1.84	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	8.6	1 U	5 U		3.93		0.5 U	25.3	1.06	0.5 U
CM-MW-05d	DP		211.5	2005Q3	08/16/05	15:35	1 U	4.25	1 U	2.44	3.09	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	11.9	1 U	1 U		4.73		1 U	34.5	1.37	1 U
CM-MW-05d	DP		211.5	2005Q4	11/15/05	11:31	0.5 U	4.08	0.5 U	2.12	2	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	10.9	1 U	5 U		3.17		0.5 U	26.2	1.16	0.5 U
CM-MW-05d	DP	DP	211.5	2006Q2	06/05/06	11:15	0.5 U	3.57	0.5 U	1.73	1.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.27	1 U	5 U		4.4	0.5 U	0.5 U	28.1	1.02	0.5 U
CM-MW-05d	DP	D	211.5	2006Q2	06/05/06	11:15	0.5 U	3.09	0.5 U	1.62	1.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.99	1 U	5 U		4.18	0.5 U	0.5 U	26.5	0.82	0.5 U
CM-MW-05d	DP		211.5	2006Q3	09/11/06	14:50	0.5 U	3.62	0.5 U	1.79	2.11	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.4	1 U	5 U		4.15	0.5 U	0.5 U	30.3	0.95	0.5 U
CM-MW-05d	DP	DP	211.5	2007Q1	02/13/07	11:17	0.5 U	3.69	0.5 U	2.01	2.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.7	1 U	5 U		4.88	0.5 U	0.5 U	35.5	1.34	0.5 U
CM-MW-05d	DP	D	211.5	2007Q1	02/13/07	11:17	0.5 U	3.64	0.5 U	1.93	2.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.8	1 U	5 U		5.25	0.5 U	0.5 U	36.5	1.41	0.5 U
CM-MW-05d	DP		211.5	2007Q3	09/19/07	9:29	0.5 U	3.94	0.5 U	2.2	2.35	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.3	1 U	5 U		4.45	0.5 U	0.5 U	34.2	1.15	0.5 U
CM-MW-05d	DP		211.5	2008Q3	09/18/08	17:29	0.5 U	3.7	0.5 U	2.4	3	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	13	0.5 U	2 U		4.4	0.5 U	0.5 U	35	1.4	0.5 U
CM-MW-05d	DP	DP	211.5	2009Q1	03/31/09	11:50	0.5 U	4.5	0.5 U	2.7	2.8	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	11	0.5 U	2 U		3.3	0.62	0.5 U	33	1.1	0.5 U
CM-MW-05d	DP	D	211.5	2009Q1	03/31/09	11:50	0.5 U	4.5	0.5 U	2.7	2.6	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	11	0.5 U	2 U		3.4	0.77	0.5 U	33	1.2	0.5 U
CM-MW-05d	DP		211.5	2009Q3	09/17/09	14:10	0.5 U	3.5	0.5 U	2.1	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	12	0.5 U	2 U		4.7	0.5 U	0.5 U	35	1.3	0.5 U
CM-MW-05d	DP		211.5	2010Q1	03/22/10	12:00	0.5 U	3	0.5 U	2.1	2.4	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	11	0.5 U	2 U		4	0.5 U	0.5 U	31	0.93	0.5 U
CM-MW-05d	DP		211.5	2010Q3	09/28/10	13:41	0.5 U	3.2	0.5 U	2.1	2.6	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	12	0.5 U	2 U		3.6	0.5 U	0.5 U	36	1	0.5 U
CM-MW-05d	DP		211.5	2011Q1	03/21/11	15:15	0.5 U	2.5	0.5 U	1.9	2.6	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	11	0.5 U	2 U		3.6	0.5 U	0.5 U	32	0.77	0.5 U
CM-MW-05d	DP		211.5	2011Q3	09/14/11	16:44	0.5 U	2.18	0.5 U	1.47	1.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.25	1 U	5 U		3.78	0.5 U	0.5 U	27.4	0.86	0.5 U
CM-MW-05d	DP		211.5	2012Q1	03/27/12	11:04	0.5 U	1.7	0.5 U	1.4	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.1	1 U	5 U		2.6	0.5 U	0.5 U	21	0.58 J	0.5 U
CM-MW-05d	DP		211.5	2012Q3	09/06/12	13:20	0.5 U	2.3	0.5 U	1.7	1.9	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	11	0.5 U	1 U		3.6	0.5 U	0.5 U	27	0.69	0.5 U
CM-MW-05d	DP		211.5	2013Q1	03/13/13	13:50	0.5 U	2.5	0.5 U	1.8	2.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12	1 U	5 U		6	0.5 U	0.5 U	36	1	0.5 U
CM-MW-05d	DP		211.5	2013Q3	09/25/13	13:30	0.5 U	2.2	0.5 U	1.7	2.2	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10	1 U	5 U		4.4	0.5 U	0.5 U	32	0.97	0.5 U
CM-MW-05d	DP		211.5	2014Q1	03/26/14	12:51	0.5 U	1.8	0.5 U	1.5	1.6	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9	1 U	5 U		3.4	0.5 U	0.5 U	25	0.54	0.5 U
CM-MW-05d	DP		211.5	2014Q3	09/04/14	14:05	0.5 U	1.15	0.5 U	1	1.19	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.18	1 U	5 U		1.98	0.5 U	0.5 U	14.37	1 U	0.5 U
CM-MW-05d	DP		211.5	2015Q1	03/11/15	10:51	0.5 U	2.2	0.5 U	1.9	2.47	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.58	1 U	5 U		4.36	0.5 U	0.5 U	34.47	1 U	0.5 U
CM-MW-05d	DP		211.5	2015Q3	09/03/15	11:35	0.5 U	1.5	0.5 U	1.56	1.77	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.7	1 U	5 U		3.42	0.5 U	0.5 U	27.15	1 U	0.5 U
CM-MW-07d	DP		220	2002Q3	08/22/02	15:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	3.03	0.5 U	0.5 U
CM-MW-07d	DP		220	2002Q4	11/21/02	12:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	3.42	0.5 U	0.5 U
CM-MW-07d	DP		220	2003Q1	02/04/03	9:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.86	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-07d	DP		220	2003Q2	05/23/03	15:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.5	0.5 U	0.5 U
CM-MW-07d	DP		220	2003Q3	08/07/03	9:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.48	0.5 U	0.5 U
CM-MW-07d	DP		220	2004Q1	01/28/04	11:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 UJ		0.5 U		0.5 U	1.2	0.5 U	0.5 U
CM-MW-07d	DP		220	2004Q3	08/17/04	12:00	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1.01	1 U	1 U
CM-MW-07d	DP		220	2004Q4	11/17/04	8:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.26	0.5 U	0.5 U
CM-MW-07d	DP		220	2005Q1	02/01/05	11:55	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	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		0.5 U		0.5 U	0.69	0.5 U	0.5 U
CM-MW-07d	DP	DP	220	2006Q2	06/07/06	9:58	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07d	DP	D	220	2006Q2	06/07/06	9:58	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07d	DP		220	2007Q1	02/16/07	11:28	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07d	DP		220	2008Q1	03/06/08	13:11	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	1.23	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07d	DP		220	2009Q1	03/30/09	10:43	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	1.9	0.5 U	0.88	0.5 U	0.5 U
CM-MW-07d	DP		220	2009Q3	09/14/09	15:55	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	2.1	0.5 U	0.79	0.5 U	0.5 U
CM-MW-07d	DP		220	2010Q1	03/15/10	14:30	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	1.3	0.5 U	0.65	0.5 U	0.5 U
CM-MW-07d	DP		220	2011Q1	03/21/11	10:31	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	1.3	0.5 U	0.51	0.5 U	0.5 U
CM-MW-07d	DP		220	2012Q1	03/27/12	13:46	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	1.7	0.5 U	0.67 J	0.5 U	0.5 U
CM-MW-07d	DP		220	2013Q1	03/11/13	12:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07d	DP		220	2014Q1	03/25/14	10:33	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-07d	DP		220	2015Q1	03/10/15	15:46	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.97 J	0.5 U	0.5 U	1 U	0.5 U
CM-MW-18d	DP		193.5	2002Q3	09/11/02	15:55	0.5 U	1.75	0.5 U	0.66	0.62	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.26	1 U	5 U		0.88		0.5 U	7.15	0.55	0.5 U
CM-MW-18d	DP		193.5	2002Q4	11/26/02	17:10	0.5 U	2.1	0.5 U	0.82	0.9	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.71	1 U	5 U		2.17		0.5 U	13.3	0.67	0.5 U
CM-MW-18d	DP		193.5	2003Q1	02/05/03	10:55	0.5 U	1.8	0.5 U	0.67	0.92	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.59	1 U	5 U		1.75		0.5 U	11.7	0.58	0.5 U
CM-MW-18d	DP		193.5	2003Q2	05/20/03	17:00	0.5 U	1.6	0.5 U	0.78	0.77	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.49	1 U	5 U		1.57		0.5 U	11.8	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2003Q3	08/08/03	9:55	0.5 U	1.84	0.5 U	0.77	0.86	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.51	1 U	5 U		1.85		0.5 U	14.5	0.53	0.5 U
CM-MW-18d	DP	DP	193.5	2004Q1	01/26/04	16:45	0.5 U	1.65	0.5 U	0.61	0.75	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.1	1 U	5 UJ		1.83		0.5 U	11.7	0.52	0.5 U
CM-MW-18d	DP	D	193.5	2004Q1	01/26/04	16:45	0.5 U	1.69	0.5 U	0.64	0.76	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.09	1 U	5 U		1.87		0.5 U	11.6	0.55	0.5 U
CM-MW-18d	DP		193.5	2004Q3	08/23/04	12:15	1 U	1.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1.97	1 U	5 U	1 U	1.63	1 U	1 U	10.8	1 U	1 U
CM-MW-18d	DP		193.5	2004Q4	11/18/04	12:57	0.5 U	1.85 J	0.5 U	0.61	0.7	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.39	1 U	5 U		1.96		0.5 U	11.7	0.54	0.5 U
CM-MW-18d	DP		193.5	2005Q1	02/03/05	9:45	0.5 U	1.73 J	0.5 U	0.66	0.73	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	2.48	1 U	5 U		2.19		0.5 U	12.5 J	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2005Q3	08/15/05	13:42	1 U	1.54	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1.81	1 U	1 U		1.88		1 U	11	1 U	1 U
CM-MW-18d	DP		193.5	2006Q2	06/01/06	15:00	0.5 U	1.92	0.5 U	0.61	0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.03	1 U	5 U		2.43	0.5 U	0.5 U	13.1	0.65	0.5 U
CM-MW-18d	DP		193.5	2006Q3	09/11/06	11:15	0.5 U	1.48	0.5 U	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.79	1 U	5 U		1.76	0.5 U	0.5 U	10.8	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2007Q1	02/13/07	14:55	0.5 U	1.34	0.5 U	0.5 U	0.76	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.93	1 U	5 U		1.96	0.5 U	0.5 U	11.6	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2007Q3	09/12/07	13:01	0.5 U	1.38	0.5 U	0.55	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.9	1 U	5 U		2.03	0.5 U	0.5 U	10.6	0.51	0.5 U
CM-MW-18d	DP		193.5	2009Q1	03/25/09	11:45	0.5 U	1.6	0.5 U	0.61	0.88	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	1.6	0.5 U	2 U		1.1	0.5 U	0.5 U	11	0.55	0.5 U
CM-MW-18d	DP		193.5	2009Q3	09/15/09	15:45	0.5 U	1.2	0.5 U	0.5 U	0.76	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	1.5	0.5 U	2 U		1.4	0.5 U	0.5 U	9.7	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2010Q1	03/16/10	12:45	0.5 U	0.97	0.5 U	0.5	0.79	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	1.5	0.5 U	2 U		1.2	0.5 U	0.5 U	8.2	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2011Q1	03/15/11	15:09	0.5 U	0.96	0.5 U	0.5 U	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	1	0.5 U	2 U		0.77	0.5 U	0.5 U	8.2	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2011Q3	09/14/11	11:45	0.5 U	0.85	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.86	1 U	5 U		0.93	0.5 U	0.5 U	7.43	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2012Q1	03/21/12	11:45	0.5 U	0.77 J	0.5 U	0.5 U	0.5 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.75 J	1 U	5 U		0.83 J	0.5 U	0.5 U	6.3	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2012Q3	09/04/12	14:55	0.5 U	0.71	0.5 U	0.5 U	0.51	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	0.64	0.5 U	1 U		1	0.5 U	0.5 U	6.8	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2013Q1	03/11/13	15:22	0.5 U	0.65	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	1 U	0.5 U	0.5 U	5 U	0.77	1 U	5 U		0.8	0.5 U	0.5 U	6.9	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2013Q3	09/23/13	15:10	0.5 U	0.77	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.85	1 U	5 U		0.67	0.5 U	0.5 U	6.1	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2014Q1	03/24/14	13:28	0.5 U	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.54	1 U	5 U		0.75	0.5 U	0.5 U	6.1	0.5 U	0.5 U
CM-MW-18d	DP		193.5	2014Q3	09/03/14	12:42	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.56	0.5 U	0.5 U	3.86	1 U	0.5 U
CM-MW-18d	DP		193.5	2015Q1	03/09/15	13:37	0.5 U	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.83	0.5 U	0.5 U	6.31	1 U	0.5 U
CM-MW-18d	DP		193.5	2015Q3	09/02/15	14:27	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.55	1 U	5 U		0.67	0.5 U	0.5 U	5.39	1 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-19d	DP		173	2002Q3	09/11/02	15:20	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	1 U	0.5 U	0.84 UB	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-19d	DP		173	2002Q4	11/20/02	17:10	0.5 U	1.83	0.5 U	0.98	0.9	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	3.33	1 U	5 U		0.81		0.5 U	9.81	0.56	0.5 U
CM-MW-19d	DP	DP	173	2003Q1	02/05/03	17:55	0.5 U	2.03	0.5 U	0.85	0.84	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	3.38	1 U	5 U		1.81		0.5 U	12.7	0.72	0.5 U
CM-MW-19d	DP	D	173	2003Q1	02/05/03	17:55	0.5 U	2.09	0.5 U	0.86	0.9	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	3.42	1 U	5 U		1.86		0.5 U	12.8	0.76	0.5 U
CM-MW-19d	DP		173	2003Q2	05/22/03	18:00	0.5 U	1.92	0.5 U	1	0.73	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.86	1 U	5 U		1.42		0.5 U	12.9	0.55	0.5 U
CM-MW-19d	DP		173	2003Q3	08/07/03	15:00	0.5 U	1.68	0.5 U	0.95	0.64	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.67	1 U	5 U		1.57		0.5 U	12.9	0.5	0.5 U
CM-MW-19d	DP		173	2004Q1	01/28/04	14:40	0.5 UJ	2.47 N	0.5 UJ	0.9 J	1.04 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	3.86 J	1 UJ	5 UJ		2.57 J		0.5 UJ	15.6 J	0.86 J	0.5 UJ
CM-MW-19d	DP		173	2004Q3	08/24/04	8:50	1 U	1.97	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	2.07	1 U	5 U	1 U	1.48	1 U	1 U	11.7	1 U	1 U
CM-MW-19d	DP		173	2004Q4	11/16/04	9:42	0.5 U	1.79	0.5 U	0.74	0.6	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	2.51	1 U	5 U		1.78		0.5 U	12.3	0.62	0.5 U
CM-MW-19d	DP		173	2005Q1	02/02/05	11:25	0.5 U	1.99	0.5 U	0.77	0.68	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 UJ	2.59	1 U	5 U		2.37		0.5 U	13	0.8	0.5 U
CM-MW-19d	DP		173	2005Q3	08/15/05	12:45	1 U	1.77	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	2.63	1 U	1 U		1.82		1 U	12.2	1 U	1 U
CM-MW-19d	DP		173	2006Q2	06/01/06	15:30	0.5 U	1.97	0.5 U	0.83	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.69	1 U	5 U		2	0.5 U	0.5 U	13	0.79	0.5 U
CM-MW-19d	DP		173	2006Q3	09/11/06	12:03	0.5 U	1.88	0.5 U	0.74	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.01	1 U	5 U		1.81	0.5 U	0.5 U	12.7	0.62	0.5 U
CM-MW-19d	DP		173	2007Q1	02/14/07	11:08	0.5 U	1.69	0.5 U	0.75	0.94	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.46	1 U	5 U		2.27	0.5 U	0.5 U	14.1	0.69	0.5 U
CM-MW-19d	DP		173	2007Q3	09/12/07	18:26	1 U	2.04 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	2.99 J	1 U	5 U	1 U	2.12 J	1 U	1 U	14 J	1 U	1 U
CM-MW-19d	DP		173	2008Q1	03/07/08	9:55	0.5 U	1.78	0.5 U	0.83	0.99	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.37	1 U	5 U		2.35	0.5 U	0.5 U	13.8	0.71	0.5 U
CM-MW-19d	DP		173	2008Q3	09/16/08	14:19	0.5 U	1.6	0.5 U	0.79	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	0.5 U	3.1	0.5 U	2 U		2	0.5 U	0.5 U	13	0.73	0.5 U
CM-MW-19d	DP	DP	173	2009Q1	03/27/09	13:45	0.5 U	1.9	0.5 U	0.85	1.2	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	3.4	0.5 U	2 U		2.4	0.5 U	0.5 U	15	0.77	0.5 U
CM-MW-19d	DP	D	173	2009Q1	03/27/09	13:45	0.5 U	2	0.5 U	0.86	1.2	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	3.4	0.5 U	2 U		2.4	0.5 U	0.5 U	15	0.79	0.5 U
CM-MW-19d	DP		173	2009Q3	09/17/09	9:55	0.5 U	1.4	0.5 U	0.71	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	3	0.5 U	2 U		2.2	0.5 U	0.5 U	13	0.72	0.5 U
CM-MW-19d	DP	DP	173	2010Q1	03/16/10	13:20	0.5 U	1.2	0.5 U	0.6	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	0.5 U	2.5	0.5 U	2 U		2.1	0.5 U	0.5 U	12	0.53	0.5 U
CM-MW-19d	DP	D	173	2010Q1	03/16/10	13:20	0.5 U	1.2	0.5 U	0.61	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	2.5	0.5 U	2 U		2	0.5 U	0.5 U	12	0.56	0.5 U
CM-MW-19d	DP		173	2010Q3	09/23/10	15:01	0.5 U	1.5	0.5 U	0.67	0.95	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	2.3	0.5 U	2 U		1.7	0.5 U	0.5 U	13	0.63	0.5 U
CM-MW-19d	DP		173	2011Q1	03/16/11	16:55	0.5 U	1.2	0.5 U	0.53	0.98	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	1.9	0.5 U	2 U		1.7	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-19d	DP		173	2011Q3	09/13/11	9:46	0.5 U	1.17	0.5 U	0.6	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.2	1 U	5 U		1.61	0.5 U	0.5 U	11	0.5	0.5 U
CM-MW-19d	DP		173	2012Q1	03/21/12	15:46	0.5 U	1.1	0.5 U	0.65 J	0.7 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2	1 U	5 U		1.2	0.5 U	0.5 U	9.3	0.5 U	0.5 U
CM-MW-19d	DP		173	2012Q3	09/05/12	13:54	0.5 U	1.4	0.5 U	0.71	0.93	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	2.3	0.5 U	1 U		1.6	0.5 U	0.5 U	11	0.67	0.5 U
CM-MW-19d	DP		173	2013Q1	03/12/13	16:02	0.5 U	0.98	0.5 U	0.5 U	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.7	1 U	5 U		1.8	0.5 U	0.5 U	11	0.5 U	0.5 U
CM-MW-19d	DP		173	2013Q3	09/24/13	12:08	0.5 U	1.2	0.5 U	0.61	0.84	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.9	1 U	5 U		1.8	0.5 U	0.5 U	11	0.6	0.5 U
CM-MW-19d	DP		173	2014Q1	03/24/14	15:44	0.5 U	0.98	0.5 U	0.6	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.9	1 U	5 U		1.3	0.5 U	0.5 U	9.4	0.5 U	0.5 U
CM-MW-19d	DP		173	2014Q3	09/03/14	15:45	0.5 U	1.02	0.5 U	0.56	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.56	1 U	5 U		1.17	0.5 U	0.5 U	7.6	1 U	0.5 U
CM-MW-19d	DP		173	2015Q1	03/18/15	14:51	0.5 U	1.08	0.5 U	0.59	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.65	1 U	5 U		1.38	0.5 U	0.5 U	9.96	1 U	0.5 U
CM-MW-19d	DP		173	2015Q3	09/02/15	17:51	0.5 U	1.09	0.5 U	0.59	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.92	1 U	5 U		1.45	0.5 U	0.5 U	9.46	1 U	0.5 U
CM-MW-28USA	DP		180	2004Q4	10/08/04	13:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28USA	DP		180	2004Q4	11/18/04	9:20	0.5 U	0.77 J	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 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.29	0.5 U	0.5 U
CM-MW-28USA	DP		180	2005Q1	02/04/05	9:10	0.5 U	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	1.26	0.5 U	0.5 U
CM-MW-28USA	DP	DP	180	2005Q2	05/19/05	13:14	0.5 U	1.05	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 U	0.5 U	0.5 U	5 U	0.58	1 U	5 U		0.5 U		0.5 U	1.48	0.5 U	0.5 U
CM-MW-28USA	DP	D	180	2005Q2	05/19/05	13:14	0.5 U	1.11 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	0.63	1 U	5 U		0.5 U		0.5 U	1.59 J	0.5 U	0.5 U
CM-MW-28USA	DP		180	2005Q3	08/17/05	12:50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1.11	1 U	1 U
CM-MW-28USA	DP	DP	180	2005Q4	11/16/05	11:00	0.5 U	0.89	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 U	0.5 U	0.5 U	5 U	0.5	1 U	5 U		0.5 U		0.5 U	1.14	0.5 U	0.5 U
CM-MW-28USA	DP	D	180	2005Q4	11/16/05	11:00	0.5 U	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	1 U	0.5 U	0.5 U	5 U	0.53	1 U	5 U		0.5 U		0.5 U	1.15	0.5 U	0.5 U
CM-MW-28USA	DP		180	2006Q2	06/02/06	17:05	0.5 U	0.72	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	10.4	0.5 U	1.08	0.5 U	0.5 U
CM-MW-28USA	DP		180	2006Q3	09/07/06	10:10	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	9.29	0.5 U	1.71	0.5 U	0.5 U
CM-MW-28USA	DP		180	2007Q1	02/14/07	13:46	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	9.37	0.5 U	2.14	0.5 U	0.5 U
CM-MW-28USA	DP		180	2007Q3	09/12/07	9:43	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	13.1	0.5 U	3.02	0.5 U	0.5 U
CM-MW-28USA	DP		180	2008Q1	02/26/08	15:50	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	8.78	0.5 U	3.1	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-28USA	DP		180	2008Q3	09/15/08	15:47	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	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.5 U	9.5	0.5 U	4.5	0.5 U	
CM-MW-28USA	DP		180	2008Q4	12/08/08	12:19	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	15	0.5 U	3.4	0.5 U	0.5 U
CM-MW-28USA	DP		180	2009Q1	03/24/09	11:10	0.5 U	0.53	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	0.5 U	0.5 U	0.5 U	2 U		0.5 U	16	0.5 U	4.1	0.5 U	0.5 U
CM-MW-28USA	DP		180	2009Q3	09/15/09	12:30	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	8.7	0.5 U	4.1	0.5 U	0.5 U
CM-MW-28USA	DP		180	2010Q1	03/16/10	15:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	7.4	0.5 U	3.4	0.5 U	0.5 U
CM-MW-28USA	DP		180	2010Q3	09/20/10	12:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	2.2	0.5 U	3.8	0.5 U	0.5 U
CM-MW-28USA	DP		180	2011Q1	03/15/11	10:54	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	1.2	0.5 U	3.9	0.5 U	0.5 U
CM-MW-28USA	DP		180	2011Q3	09/12/11	14:02	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	3.63	0.5 U	0.5 U
CM-MW-28USA	DP		180	2012Q1	03/20/12	16:52	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	2.3	0.5 U	0.5 U
CM-MW-28USA	DP		180	2012Q3	09/04/12	14:10	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U		0.5 U	0.5 U	0.5 U	3.2	0.5 U	0.5 U
CM-MW-28USA	DP		180	2013Q1	03/08/13	10:47	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	3.7	0.5 U	0.5 U
CM-MW-28USA	DP		180	2013Q3	09/23/13	11:30	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	3.6	0.5 U	0.5 U
CM-MW-28USA	DP		180	2014Q1	03/24/14	11:47	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4.1	0.5 U	0.5 U
CM-MW-28USA	DP		180	2014Q3	09/03/14	11:01	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	0.3	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.8	1 U	0.5 U
CM-MW-28USA	DP		180	2015Q1	03/09/15	12:16	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	4.2	1 U	0.5 U
CM-MW-28USA	DP		180	2015Q3	09/02/15	12:01	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	3.92	1 U	0.5 U
MW-01d	DP		216	1998Q2	05/22/98		0.5 U	2.88	0.5 U	0.843	2.29	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	8.07	0.5 U	5 U		5.63	2.54	0.5 U	25.1	1 U	1 U
MW-01d	DP		216	1999Q2	04/30/99		0.5 U	5.59	0.5 U	1.82	1.36	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	8.01	0.5 U	10 U		5.19	0.5 U	0.5 U	26.7	0.5 U	0.5 U
MW-01d	DP	DP	216	2000Q4	11/20/00		0.5 U	3.81	0.5 U	1.48	1.39	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.27	1 U	5 U		6.33	0.55 UB	0.5 U	27.5	0.82	0.5 U
MW-01d	DP	D	216	2000Q4	11/20/00		0.5 U	3.47	0.5 U	1.44	1.27	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.12	1 U	5 U		5.82	0.66 UB	0.5 U	25.7	0.74	0.5 U
MW-01d	DP		216	2001Q3	07/23/01		0.5 U	5.04	0.5 U	1.98	1.98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.9	1 U	5 U		8.28	0.5 U	0.5 U	35.4	1.29	0.5 U
MW-01d	DP		216	2001Q4	10/26/01		0.5 U	4.9	0.5 U	2.01	1.93	0.5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.9	1 U	5 U		7.99	0.5 U	0.5 U	39	1.32	0.5 U
MW-01d	DP		216	2002Q1	01/17/02		0.5 U	4.1	0.5 U	1.88	2.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.9	1 U	5 U		8.69	0.5 U	0.5 U	37.1	0.95	0.5 U
MW-01d	DP		216	2002Q2	06/01/02		0.5 U	4.42	0.5 U	1.99	1.98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.4	1 U	5 U		6.48	0.5 U	0.5 U	34.4	1.04	0.5 U
MW-01d	DP		216	2002Q3	08/22/02		0.5 U	5.03	0.5 U	2.3	2.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13.1	1 U	5 U		6.5	0.5 U	0.5 U	38.5	1.32	0.5 U
MW-01d	DP		216	2002Q4	11/25/02		0.5 U	4.98	0.5 U	2.33	2.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.6	1 U	5 U		7.38	0.5 U	0.5 U	40.2	1.62	0.5 U
MW-01d	DP		216	2003Q1	02/26/03		0.5 U	5.32	0.5 U	2.19	2.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.4	1 U	5 U		6.55	0.5 U	0.5 U	41	1.26	0.5 U
MW-01d	DP		216	2003Q2	05/28/03		0.5 U	5.74	0.5 U	2.33	2.38	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.9	1 U	5 U		8.57	0.5 U	0.5 U	51.3	1.64	0.5 U
MW-01d	DP	DP	216	2003Q3	08/27/03		0.5 U	4.88	0.5 U	1.97	2.24	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.5	1 U	5 U		8.26	0.5 U	0.5 U	48.7	1.22	0.5 U
MW-01d	DP	D	216	2003Q3	08/27/03		0.5 U	5.26	0.5 U	2.04	2.29	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.7	1 U	5 U		8.45	0.5 U	0.5 U	51.1	1.22	0.5 U
MW-01d	DP		216	2003Q4	11/12/03		0.5 U	4.61	0.5 U	2	1.95	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.2	1 U	5 U		6.04	0.5 U	0.5 U	37.1	1.15	0.5 U
MW-01d	DP		216	2004Q1	01/28/04		0.5 U	4.81	0.5 U	2.17	2.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.2	1 U	5 U		7.1	0.5 U	0.5 U	40	1.44	0.5 U
MW-01d	DP		216	2004Q2	05/07/04		0.5 U	4.9	0.5 U	2.19	2.36	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13.5	1 U	5 U		6.43	0.5 U	0.5 U	41	1.29	0.5 U
MW-01d	DP		216	2004Q3	08/18/04		0.5 U	5.8	0.5 U	2.56	2.47	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13.2	1 U	5 U		7.01	0.5 U	0.5 U	44.5	1.67	0.5 U
MW-01d	DP		216	2004Q4	11/18/04		0.5 U	4.67	0.5 U	2.23	2.41	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.6	1 U	5 U		6.63	0.5 U	0.5 U	40.9	1.32	0.5 U
MW-01d	DP		216	2005Q1	02/16/05		0.5 U	4.33	0.5 U	2.13	2.37	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.9	1 U	5 U		5.15	0.5 U	0.5 U	34.2	1.21	0.5 U
MW-01d	DP		216	2005Q4	11/17/05		0.5 U	4.47	0.5 U	2.35	2.41	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13.5	1 U	5 U		4.9	0.5 U	0.5 U	36.4	1.23	0.5 U
MW-01d	DP		216	2006Q1	03/24/06	11:37	0.5 U	4.21	0.5 U	2.09	2.38	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.2	1 U	5 U		4.75	0.5 U	0.5 U	37.1	1.11	0.5 U
MW-01d	DP		216	2006Q2	06/05/06	11:55	0.5 U	4.41	0.5 U	2.22	2.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.7	1 U	5 U		6.29	0.5 U	0.5 U	40.5	1.23	0.5 U
MW-01d	DP		216	2006Q3	09/11/06	14:26	0.5 U	4.06	0.5 U	2.02	2.36	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.8	1 U	5 U		4.45	0.5 U	0.5 U	34.6	1.01	0.5 U
MW-01d	DP		216	2007Q1	02/08/07	15:51	0.5 U	3.2	0.5 U	1.83	2.44	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.7	1 U	5 U		4.76	0.5 U	0.5 U	34	0.97	0.5 U
MW-01d	DP		216	2008Q1	02/27/08	10:55	0.5 U	3.18	0.5 U	1.96	2.15	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.7	1 U	5 U		3.08	0.5 U	0.5 U	29.1	0.77	0.5 U
MW-01d	DP		216	2009Q1	04/01/09	15:32	0.5 U	3.3	0.5 U	2.1	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	12	0.5 U	2 U		7.1	0.5 U	0.5 U	44	1.2	0.5 U
MW-01d	DP		216	2009Q3	09/21/09	16:15	0.5 U	2.1	0.5 U	1.6	2.1	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	9.9	0.5 U	2 U		6	0.5 U	0.5 U	36	0.59	0.5 U
MW-01d	DP		216	2010Q1	03/18/10	16:50	0.5 U	1.8	0.5 U	1.4	2	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	8.5	0.5 U	2 U		6.2	0.5 U	0.5 U	33	0.65	0.5 U
MW-01d	DP		216	2011Q1	03/16/11	11:02	0.5 U	1.9	0.5 U	1.4	1.9	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	9.1	0.5 U	2 U		6.2	0.5 U	0.5 U	35	0.55	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-01d	DP		216	2011Q3	09/14/11	15:26	0.5 U	1.54	0.5 U	1.13	1.23	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.4	1 U	5 U		5.37	0.5 U	0.5 U	24.1	0.5 U	0.5 U
MW-01d	DP		216	2012Q1	03/15/12	15:38	0.5 U	1.4	0.5 U	1.1	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.4	1 U	5 U		4.5	0.5 U	0.5 U	24	0.5 U	0.5 U
MW-01d	DP		216	2012Q3	09/11/12	14:45	0.5 U	1.6	0.5 U	1.1	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.3	1 U	5 U		6.8	0.5 U	0.5 U	27	0.6	0.5 U
MW-01d	DP		216	2013Q1	03/20/13	17:50	0.5 U	1.4	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	1 U	0.5 U	0.5 U	5 U	8	1 U	5 U		7	0.5 U	0.5 U	28	0.5 U	0.5 U
MW-01d	DP		216	2013Q3	09/18/13	12:35	0.5 U	1.3	0.5 U	1.1	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7	1 U	5 U		6	0.5 U	0.5 U	25	0.54	0.5 U
MW-01d	DP		216	2014Q1	03/19/14	15:00	0.5 U	1.3	0.5 U	0.97	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.5	1 U	5 U		5.7	0.5 U	0.5 U	24	0.5 U	0.5 U
MW-01d	DP		216	2014Q3	09/16/14	10:15	0.5 U	0.91	0.5 U	0.75	0.79	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.39	1 U	5 U		4.06	0.5 U	0.5 U	18.55	1 U	0.5 U
MW-01d	DP		216	2015Q1	03/04/15	15:05	0.5 U	0.92	0.5 U	0.76	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.33	1 U	5 U		4.63	0.5 U	0.5 U	20.18	1 U	0.5 U
MW-01d	DP		216	2015Q3	09/09/15	11:05	0.5 U	0.91	0.5 U	0.88	1.04	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.27	1 U	5 U		4.66	0.5 U	0.5 U	20.9	1 U	0.5 U
MW-04d	DP		227	1999Q2	04/28/99		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	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2000Q4	11/08/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2001Q3	07/18/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2001Q4	10/18/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2002Q1	01/31/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2002Q2	06/05/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2002Q4	11/19/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2005Q1	02/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2005Q4	11/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2006Q1	03/24/06	15:18	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2006Q2	06/07/06	14:07	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2007Q1	02/09/07	13:58	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2008Q1	03/06/08	13:14	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2009Q1	04/01/09	11:34	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U
MW-04d	DP		227	2009Q3	09/18/09	14:37	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	0.5 U	0.5 U	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
MW-04d	DP		227	2010Q1	03/22/10	13:36	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	0.5 U	0.5 U	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
MW-04d	DP		227	2011Q1	03/18/11	14:08	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	0.5 U	0.5 U	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
MW-04d	DP		227	2012Q1	03/14/12	17:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2013Q1	03/21/13	11:08	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2014Q1	03/20/14	10:20	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	DP		227	2015Q1	03/16/15	11:10	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-05d	DP		222	1998Q2	05/22/98		0.5 U	0.895	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	5 U	1 U	2.39	0.5 U	5 U		1.28	0.5 U	0.5 U	6.28	1 U	1 U
MW-05d	DP		222	1999Q2	04/30/99		0.5 U	1.64	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	2.54	0.5 U	10 U		1.22	0.5	0.5 U	5.22	0.5 U	0.5 U
MW-05d	DP		222	2000Q4	11/15/00		0.5 U	2.62	0.5 U	1.13	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.95	1 U	5 U		4.72	0.5 U	0.5 U	18.9	0.5 U	0.5 U
MW-05d	DP		222	2001Q3	07/23/01		1 U	2.94	1 U	1.24	1.42	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	7.1	2 U	10 U		11.5	1 U	1 U	216	1 U	1 U
MW-05d	DP		222	2001Q4	10/30/01		0.5 U	2.8	0.5 U	1.23	1.08	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.49	1 U	5 U		5.6	0.5 U	0.5 U	24.3	0.5 U	0.5 U
MW-05d	DP		222	2002Q1	01/25/02	12:30	0.5 U	2.63	0.5 U	1.03	0.98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.31	1 U	5 U		7.12	0.5 U	0.5 U	148	0.5 U	0.5 U
MW-05d	DP		222	2002Q2	06/03/02		0.5 U	1.98	0.5 U	0.99	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.3	1 U	5 U		5.94	0.5 U	0.5 U	83	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-05d	DP		222	2002Q3	08/23/02		0.5 U	2.24	0.5 U	1.14	1.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.95	1 U	5 U		5.03	0.5 U	0.5 U	54.8	0.5 U	0.5 U
MW-05d	DP		222	2002Q4	11/25/02		0.5 U	2.46	0.5 U	1.17	1.13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.81	1 U	5 U		5.19	0.5 U	0.5 U	27.4	0.5 U	0.5 U
MW-05d	DP	DP	222	2003Q1	02/25/03		1 U	2.42	1 U	1.16	1.02	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.76	2 U	10 U		6.82	1 U	1 U	185	1 U	1 U
MW-05d	DP	D	222	2003Q1	02/25/03		1 U	2.64	1 U	1.1	1.04	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.76	2 U	10 U		7.2	1 U	1 U	201	1 U	1 U
MW-05d	DP		222	2003Q2	05/28/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.75	5 U	25 U		24.1	2.5 U	2.5 U	588	2.5 U	2.5 U
MW-05d	DP		222	2003Q3	08/27/03		1 U	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.48	2 U	10 U		13.1	1 U	1 U	268	1 U	1 U
MW-05d	DP		222	2003Q4	11/14/03		0.5 U	2.06	0.5 U	0.97	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.61	1 U	5 U		7.82	0.5 U	0.5 U	137	0.5 U	0.5 U
MW-05d	DP		222	2004Q1	01/29/04		0.5 U	2.16	0.5 U	1.03	1.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.03	1 U	5 U		5.77	0.5 U	0.5 U	58.4	0.5 U	0.5 U
MW-05d	DP	DP	222	2004Q2	05/07/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.05	5 U	25 U		26.9	2.5 U	2.5 U	585	2.5 U	2.5 U
MW-05d	DP	D	222	2004Q2	05/07/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.15	5 U	25 U		25.2	2.5 U	2.5 U	562	2.5 U	2.5 U
MW-05d	DP	DP	222	2004Q3	08/25/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.35	5 U	25 U		24	2.5 U	2.5 U	415	2.5 U	2.5 U
MW-05d	DP	D	222	2004Q3	08/25/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.15	5 U	25 U		21.8	2.5 U	2.5 U	364	2.5 U	2.5 U
MW-05d	DP		222	2004Q4	11/19/04		0.5 U	1.98	0.5 U	0.96	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.35	1 U	5 U		11.7	0.5 U	0.5 U	139	0.5 U	0.5 U
MW-05d	DP		222	2005Q1	02/16/05		0.5 U	1.72	0.5 U	0.94	0.96	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.12	1 U	5 U		10.6	0.5 U	0.5 U	137	0.5 U	0.5 U
MW-05d	DP		222	2005Q2	05/20/05		1 U	2.36	1 U	1.22	1.1	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	8.16	2 U	10 U		16.2	1 U	1 U	213	1 U	1 U
MW-05d	DP		222	2005Q3	08/19/05		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	6.6	10 U	50 U		53.2	5 U	5 U	1100	5 U	5 U
MW-05d	DP		222	2005Q4	11/21/05		0.5 U	1.41	0.5 U	0.9	0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.32	1 U	5 U		4.97	0.5 U	0.5 U	127	0.5 U	0.5 U
MW-05d	DP		222	2006Q1	03/22/06	13:00	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	8	10 U	50 U		35	5 U	5 U	1530	5 U	5 U
MW-05d	DP		222	2006Q2	06/07/06	9:05	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	8.7	10 U	50 U		40.3	5 U	5 U	1310	5 U	5 U
MW-05d	DP		222	2006Q3	09/11/06	16:35	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U		233	25 U	25 U	8770	25 U	25 U
MW-05dR	DP		221	2006Q4	12/13/06	10:49	0.5 U	1.09	0.5 U	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.29	1 U	5 U		3.43	0.5 U	0.5 U	13.9	0.5 U	0.5 U
MW-05dR	DP		221	2007Q1	02/12/07	12:40	0.5 U	1.02	0.5 U	0.79	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.81	1 U	5 U		3.35	0.5 U	0.5 U	14	0.5 U	0.5 U
MW-05dR	DP		221	2007Q2	05/24/07	13:20	0.5 U	1.1	0.5 U	0.8	0.75	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.65	1 U	5 U		4.42	0.5 U	0.5 U	21.2	0.5 U	0.5 U
MW-05dR	DP		221	2007Q3	09/10/07	11:15	0.5 U	1.05	0.5 U	0.82	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.22	1 U	5 U		3.15	0.5 U	0.5 U	22.4	0.5 U	0.5 U
MW-05dR	DP	DP	221	2007Q4	12/13/07	13:15	0.5 U	1.09	0.5 U	0.78	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.67	5 U	5.59	1 U	5 U		5.52	0.5 U	0.5 U	44.8	0.5 U	0.5 U
MW-05dR	DP	D	221	2007Q4	12/13/07	13:15	0.5 U	1.09	0.5 U	0.77	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.66	5 U	5.81	1 U	5 U		5.77	0.5 U	0.5 U	45.1	0.5 U	0.5 U
MW-05dR	DP		221	2008Q1	02/27/08	12:05	0.5 U	1.21	0.5 U	0.9	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.43	1 U	5 U		3.57	0.5 U	0.5 U	18.1	0.5 U	0.5 U
MW-05dR	DP		221	2008Q2	06/18/08	14:38	0.5 U	1.31	0.5 U	0.87	0.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.89	1 U	5 U		4.9	0.5 U	0.5 U	22.9	0.5 U	0.5 U
MW-05dR	DP		221	2008Q3	09/22/08	16:49	0.5 U	1.2	0.5 U	0.96	0.69	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	5.9	0.5 U	2 U		4.7	0.5 U	0.5 U	27	0.5 U	0.5 U
MW-05dR	DP		221	2008Q4	12/10/08	13:20	0.5 U	1.1	0.5 U	0.95	0.69	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	5.6	0.5 U	2 U		3.7	0.5 U	0.5 U	36	0.5 U	0.5 U
MW-05dR	DP		221	2009Q1	04/02/09	13:52	0.5 U	1.2	0.5 U	0.86	0.76	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	5.6	0.5 U	2 U		6.2	0.5 U	0.5 U	29	0.5 U	0.5 U
MW-05dR	DP		221	2009Q2	06/16/09	13:05	0.5 U	1.5	0.5 U	1.1	0.76	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	6.7	0.5 U	2 U		5.7	0.5 U	0.5 U	34	0.5 U	0.5 U
MW-05dR	DP		221	2009Q3	09/22/09	16:14	0.5 UJ	1.1 J	0.5 UJ	0.86 J	0.69 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	6.2 J	0.5 UJ	2 UJ		4.8 J	0.5 UJ	0.5 UJ	27 J	0.5 UJ	0.5 UJ
MW-05dR	DP		221	2009Q4	12/15/09	13:23	0.5 U	1	0.5 U	0.9	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	6.8	0.5 U	2 U		8.4	0.5 U	0.5 U	27	0.5 U	0.5 U
MW-05dR	DP		221	2010Q1	03/23/10	11:16	0.5 U	0.71	0.5 U	0.73	0.68	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	5.4	0.5 U	2 U		6.2	0.5 U	0.5 U	25	0.5 U	0.5 U
MW-05dR	DP		221	2010Q3	09/21/10	10:45	0.5 U	0.93	0.5 U	0.73	0.54	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	5.2	0.5 U	2 U		5.5	0.5 U	0.5 U	28	0.5 U	0.5 U
MW-05dR	DP		221	2011Q1	03/18/11	11:08	0.5 U	0.74	0.5 U	0.59	0.63	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	4.4	0.5 U	2 U		5.4	0.5 U	0.5 U	19	0.5 U	0.5 U
MW-05dR	DP		221	2011Q3	09/15/11	14:27	0.5 U	0.55	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.77	1 U	5 U		2.74	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-05dR	DP		221	2012Q1	03/14/12	12:24	0.5 U	0.66 J	0.5 U	0.5 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.4	1 U	5 U		3.5	0.5 U	0.5 U	20	0.5 U	0.5 U
MW-05dR	DP		221	2012Q3	09/07/12	11:12	0.5 U	0.55	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3	1 U	5 U		3.5	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-05dR	DP		221	2013Q1	03/20/13	10:35	0.5 U	0.64	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	1 U	0.5 U	0.5 U	5 U	3.2	1 U	5 U		4.4	0.5 U	0.5 U	14	0.5 U	0.5 U
MW-05dR	DP		221	2013Q3	09/19/13	11:17	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3	1 U	5 U		3.9	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-05dR	DP		221	2014Q1	03/14/14	13:05	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.4	1 U	5 U		4.6	0.5 U	0.5 U	14	0.5 U	0.5 U
MW-05dR	DP		221	2014Q3	09/16/14	11:52	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.32	1 U	5 U		2.97	0.5 U	0.5 U	10.62	1 U	0.5 U
MW-05dR	DP		221	2015Q1	03/04/15	11:16	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.82	1 U	5 U		3.49	0.5 U	0.5 U	11.83	1 U	0.5 U
MW-05dr	DP		221	2015Q3	09/09/15	13:22	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.71	1 U	5 U		3.33	0.5 U	0.5 U	13	1 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-08i	DP	DP	125	1999Q2	04/30/99		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	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP	D	125	1999Q2	04/30/99		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	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2000Q4	11/09/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2001Q3	07/17/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2001Q4	10/16/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2002Q1	01/15/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2002Q2	05/30/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2002Q3	08/21/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2002Q4	11/20/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2004Q1	01/30/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2005Q1	02/14/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2005Q4	11/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2006Q1	03/23/06	13:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2006Q3	09/07/06	17:32	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		1.85	0.5 U	0.5 U	1	0.5 U	0.5 U
MW-08i	DP		125	2007Q1	02/12/07	18:23	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2008Q1	03/05/08	10:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2009Q1	03/26/09	9:28	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	0.5 U	0.5 U	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
MW-08i	DP		125	2009Q3	09/21/09	18:01	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	0.5 U	0.5 U	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
MW-08i	DP		125	2010Q1	03/19/10	16:22	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	0.5 U	0.5 U	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
MW-08i	DP		125	2010Q3	09/24/10	16:57	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	0.5 U	0.5 U	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
MW-08i	DP		125	2011Q1	03/17/11	9:31	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	0.5 U	0.5 U	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
MW-08i	DP		125	2012Q1	03/28/12	11:36	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2013Q1	03/20/13	15:12	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2014Q1	03/20/14	16:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	DP		125	2015Q1	03/01/15	10:18	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-12d	DP		211	1999Q2	04/27/99		0.5 U	1.86	0.5 U	0.66	0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	4.16	0.5 U	10 U		3.33	0.5 U	0.5 U	12.8	0.5 U	0.5 U
MW-12d	DP		211	2000Q4	11/16/00		0.5 U	2.08	0.5 U	0.98	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.6	1 U	5 U		5.61	0.5 U	0.5 U	18	0.5 U	0.5 U
MW-12d	DP		211	2001Q3	07/23/01		0.5 U	1.81	0.5 U	0.96	0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.59	1 U	5 U		6.69	0.5 U	0.5 U	18.2	0.5 U	0.5 U
MW-12d	DP		211	2001Q4	10/25/01		0.5 U	1.72	0.5 U	0.84	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.12	1 U	5 U		6.41	0.5 U	0.5 U	19	0.5 U	0.5 U
MW-12d	DP		211	2002Q1	01/23/02	16:25	0.5 U	1.78	0.5 U	0.9	0.95	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.16	1 U	5 U		5.26	0.5 U	0.5 U	19.9	0.5 U	0.5 U
MW-12d	DP		211	2002Q2	06/01/02		0.5 U	1.06	0.5 U	0.69	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.33	1 U	5 U		4.41	0.5 U	0.5 U	13.2	0.5 U	0.5 U
MW-12d	DP		211	2002Q3	08/23/02		0.5 U	1.72	0.5 U	0.98	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.23	1 U	5 U		5.1	0.5 U	0.5 U	18.9	0.5 U	0.5 U
MW-12d	DP		211	2002Q4	11/25/02		0.5 U	1.7	0.5 U	0.96	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.11	1 U	5 U		6.23	0.5 U	0.5 U	19.9	0.5 U	0.5 U
MW-12d	DP		211	2003Q1	02/25/03		0.5 U	1.51	0.5 U	0.86	0.75	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.54	1 U	5 U		5.03	0.5 U	0.5 U	18.8	0.5 U	0.5 U
MW-12d	DP		211	2003Q2	05/27/03		0.5 U	1.77	0.5 U	0.89	0.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.43	1 U	5 U		5.58	0.5 U	0.5 U	20	0.5 U	0.5 U
MW-12d	DP		211	2003Q3	08/26/03		0.5 U	1.45	0.5 U	0.81	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.96	1 U	5 U		5.98	0.5 U	0.5 U	20.8	0.5 U	0.5 U
MW-12d	DP		211	2003Q4	11/12/03		0.5 U	1.51	0.5 U	0.79	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.67	1 U	5 U		4.56	0.5 U	0.5 U	16.7	0.5 U	0.5 U
MW-12d	DP		211	2004Q1	01/28/04		0.5 U	1.64	0.5 U	0.93	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.2	1 U	5 U		5.98	0.5 U	0.5 U	18.2	0.5 U	0.5 U
MW-12d	DP		211	2004Q2	05/06/04		0.5 U	1.32	0.5 U	0.79	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.76	1 U	5 U		4.82	0.5 U	0.5 U	16	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-12d	DP		211	2004Q3	08/18/04		0.5 U	1.95	0.5 U	1.07	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.9	1 U	5 U		5.57	0.5 U	0.5 U	20.7	0.5 U	0.5 U
MW-12d	DP		211	2004Q4	11/18/04		0.5 U	1.24	0.5 U	0.78	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.79	1 U	5 U		4.68	0.5 U	0.5 U	16.6	0.5 U	0.5 U
MW-12d	DP	DP	211	2005Q1	02/15/05		0.5 U	1.33	0.5 U	0.76	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.49	1 U	5 U		4.05	0.5 U	0.5 U	15.5	0.5 U	0.5 U
MW-12d	DP	D	211	2005Q1	02/15/05		0.5 U	1.29	0.5 U	0.74	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.56	1 U	5 U		4.15	0.5 U	0.5 U	15.9	0.5 U	0.5 U
MW-12d	DP		211	2005Q4	11/17/05		0.5 U	1.12	0.5 U	0.75	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.6	1 U	5 U		3.94	0.5 U	0.5 U	14.1	0.5 U	0.5 U
MW-12d	DP		211	2006Q1	03/24/06	10:13	0.5 U	1.06	0.5 U	0.69	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.27	1 U	5 U		4.26	0.5 U	0.5 U	15.7	0.5 U	0.5 U
MW-12d	DP		211	2006Q2	06/06/06	9:14	0.5 U	0.96	0.5 U	0.68	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.24	1 U	5 U		4.7	0.5 U	0.5 U	14	0.5 U	0.5 U
MW-12d	DP		211	2006Q3	09/11/06	12:36	0.5 U	1.06	0.5 U	0.67	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.26	1 U	5 U		3.92	0.5 U	0.5 U	14.3	0.5 U	0.5 U
MW-12d	DP		211	2007Q1	02/08/07	10:00	0.5 U	0.81	0.5 U	0.65	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.86	1 U	5 U		4.69	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-12d	DP		211	2008Q1	02/28/08	10:22	0.5 U	0.93	0.5 U	0.72	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.45	1 U	5 U		5.07	0.5 U	0.5 U	15.2	0.5 U	0.5 U
MW-12d	DP		211	2009Q1	03/30/09	14:40	0.5 U	0.91	0.5 U	0.77	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	5.4	0.5 U	2 U		5	0.5 U	0.5 U	17	0.5 U	0.5 U
MW-12d	DP		211	2009Q3	09/17/09	17:20	0.5 U	0.9	0.5 U	0.81	0.87	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	6	0.5 U	2 U		6.1	0.5 U	0.5 U	18	0.5 U	0.5 U
MW-12d	DP		211	2009Q4	12/15/09	16:09	0.5 U	1.1	0.5 U	0.85	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	0.5 U	6.2	0.5 U	2 U		6.8	0.5 U	0.5 U	21	0.5 U	0.5 U
MW-12d	DP		211	2010Q1	03/15/10	15:39	0.5 U	0.67	0.5 U	0.57	0.67	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	4.6	0.5 U	2 U		5.6	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-12d	DP		211	2010Q3	09/23/10	10:02	0.5 U	0.83	0.5 U	0.62	0.62	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	4.8	0.5 U	2 U		4.4	0.5 U	0.5 U	15	0.5 U	0.5 U
MW-12d	DP		211	2011Q1	03/15/11	14:27	0.5 U	0.88	0.5 U	0.67	0.82	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	5	0.5 U	2 U		4.9	0.5 U	0.5 U	16	0.5 U	0.5 U
MW-12d	DP		211	2011Q3	09/12/11	15:16	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	1 U	0.5 U	0.5 U	5 U	2.67	1 U	5 U		2.99	0.5 U	0.5 U	8.13	0.5 U	0.5 U
MW-12d	DP		211	2012Q1	03/13/12	16:32	0.5 U	0.66 J	0.5 U	0.56 J	0.55 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.2	1 U	5 U		3	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-12d	DP		211	2012Q3	09/12/12	10:55	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	1 U	0.5 U	0.5 U	5 U	3	1 U	5 U		3.5	0.5 U	0.5 U	9.3	0.5 U	0.5 U
MW-12d	DP		211	2013Q1	03/18/13	14:25	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	1 U	0.5 U	0.5 U	5 U	2.7	1 U	5 U		3.6	0.5 U	0.5 U	11	0.5 U	0.5 U
MW-12d	DP		211	2013Q3	09/11/13	15:15	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.2	1 U	5 U		3.6	0.5 U	0.5 U	11	0.5 U	0.5 U
MW-12d	DP		211	2014Q1	03/11/14	15:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.9	1 U	5 U		2.8	0.5 U	0.5 U	7.1	0.5 U	0.5 U
MW-12d	DP		211	2014Q3	09/11/14	11:56	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.53	1 U	5 U		2.54	0.5 U	0.5 U	8.87	1 U	0.5 U
MW-12d	DP		211	2015Q1	03/02/15	12:02	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.18	1 U	5 U		2.82	0.5 U	0.5 U	8.98	1 U	0.5 U
MW-12d	DP		211	2015Q3	09/09/15	15:21	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.53	1 U	5 U		2.52	0.5 U	0.5 U	8.18	1 U	0.5 U
MW-14d	DP		216	2000Q4	11/17/00		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	1 U	1 U	0.5 U	0.5 U	5 U	1.91	0.5 U	10 U		2.34	0.5 U	0.5 U	7.17	1 U	0.5 U
MW-14d	DP	DP	216	2001Q3	07/20/01		0.5 U	1.42	0.5 U	0.73	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.99	1 U	5 U		3.85	0.5 U	0.5 U	12.2	0.5 U	0.5 U
MW-14d	DP	D	216	2001Q3	07/20/01		0.5 U	1.45	0.5 U	0.64	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.15	1 U	5 U		4.07	0.5 U	0.5 U	13	0.5 U	0.5 U
MW-14d	DP		216	2001Q4	10/25/01		0.5 U	1.58	0.5 U	0.73	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.63	1 U	5 U		3.91	0.5 U	0.5 U	12.5	0.5 U	0.5 U
MW-14d	DP		216	2002Q1	01/18/02		0.5 U	1.11	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.9	1 U	5 U		3.66	0.5 U	0.5 U	10.8	0.5 U	0.5 U
MW-14d	DP		216	2002Q2	06/01/02		0.5 U	0.9	0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.01	1 U	5 U		2.38	0.5 U	0.5 U	8.31	0.5 U	0.5 U
MW-14d	DP		216	2002Q3	08/22/02		0.5 U	1.18	0.5 U	0.69	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.86	1 U	5 U		3.14	0.5 U	0.5 U	11.7	0.5 U	0.5 U
MW-14d	DP	DP	216	2002Q4	11/25/02		0.5 U	1.3	0.5 U	0.67	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.9	1 U	5 U		3.44 UB	0.5 U	0.5 U	11.8	0.5 U	0.5 U
MW-14d	DP	D	216	2002Q4	11/25/02		0.5 U	1.19	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.57	1 U	5 U		3.15 UB	0.5 U	0.5 U	10.7 UB	0.5 U	0.5 U
MW-14d	DP		216	2003Q1	02/25/03		0.5 U	1.22	0.5 U	0.64	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.75	1 U	5 U		3.15	0.5 U	0.5 U	12.1	0.5 U	0.5 U
MW-14d	DP		216	2003Q2	05/27/03		0.5 U	1.19	0.5 U	0.7	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4	1 U	5 U		3.27	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-14d	DP		216	2003Q3	08/26/03		0.5 U	1.03	0.5 U	0.61	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.52	1 U	5 U		3.73	0.5 U	0.5 U	14	0.5 U	0.5 U
MW-14d	DP		216	2003Q4	11/11/03		0.5 U	0.76	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.24	1 U	5 U		2.64	0.5 U	0.5 U	8.74	0.5 U	0.5 U
MW-14d	DP		216	2004Q1	01/27/04		0.5 U	0.81	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.39	1 U	5 U		2.79	0.5 U	0.5 U	9.44	0.5 U	0.5 U
MW-14d	DP		216	2004Q2	05/04/04		0.5 U	1.2	0.5 U	0.75	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.99	1 U	5 U		3.9	0.5 U	0.5 U	13.6	0.5 U	0.5 U
MW-14d	DP	DP	216	2004Q3	08/17/04		0.5 U	1.33	0.5 U	0.88	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.15	1 U	5 U		3.73	0.5 U	0.5 U	14.7	0.5 U	0.5 U
MW-14d	DP	D	216	2004Q3	08/17/04		0.5 U	1.45	0.5 U	0.86	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.31	1 U	5 U		3.93	0.5 U	0.5 U	15.1	0.5 U	0.5 U
MW-14d	DP		216	2004Q4	11/17/04		0.5 U	0.59	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.91	1 U	5 U		1.96	0.5 U	0.5 U	7.35	0.5 U	0.5 U
MW-14d	DP		216	2005Q1	02/10/05		0.5 U	0.92	0.5 U	0.71	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.16	1 U	5 U		2.94	0.5 U	0.5 U	10.3	0.5 U	0.5 U
MW-14d	DP	DP	216	2005Q4	11/16/05		0.5 U	1.04	0.5 U	0.84	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.11	1 U	5 U		3.34	0.5 U	0.5 U	12.8	0.5 U	0.5 U
MW-14d	DP	D	216	2005Q4	11/16/05		0.5 U	0.97	0.5 U	0.82	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.16	1 U	5 U		3.25	0.5 U	0.5 U	12.7	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-14d	DP		216	2006Q1	03/22/06	13:52	0.5 U	1.13	0.5 U	0.77	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.21	1 U	5 U		3.61	0.5 U	0.5 U	14.7	0.5 U	0.5 U
MW-14d	DP		216	2006Q2	06/05/06	11:13	0.5 U	1.03	0.5 U	0.83	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.18	1 U	5 U		3.7	0.5 U	0.5 U	13.7	0.5 U	0.5 U
MW-14d	DP		216	2006Q3	09/08/06	11:05	0.5 U	0.9	0.5 U	0.75	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.94	1 U	5 U		2.69	0.5 U	0.5 U	11.5	0.5 U	0.5 U
MW-14d	DP		216	2007Q1	02/08/07	14:51	0.5 U	0.79	0.5 U	0.76	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.64	1 U	5 U		3.51	0.5 U	0.5 U	14.4	0.5 U	0.5 U
MW-14d	DP		216	2007Q3	09/12/07	9:19	0.5 U	1.21 J	0.5 U	1.03 J	0.69 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.37 J	1 U	5 U		4.53 J	0.5 U	0.5 U	17.5 J	0.5 U	0.5 U
MW-14d	DP		216	2008Q1	02/26/08	16:03	0.5 U	1.1	0.5 U	0.95	0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.33	1 U	5 U		3.74	0.5 U	0.5 U	15.8	0.5 U	0.5 U
MW-14d	DP		216	2008Q3	09/16/08	18:49	0.5 U	1.1	0.5 U	0.82	0.88	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	6.3	0.5 U	2 U	2 U	6.4	0.5 U	0.5 U	19	0.5 U	
MW-14d	DP		216	2009Q1	04/01/09	14:54	0.5 U	0.88	0.5 U	0.82	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	5.7	0.5 U	2 U		6.1	0.5 U	0.5 U	18	0.5 U	0.5 U
MW-14d	DP		216	2009Q3	09/18/09	15:52	0.5 U	0.5 U	0.5 U	0.74	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	4.2	0.5 U	2 U		3.3	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-14d	DP		216	2010Q1	03/16/10	13:27	0.5 U	0.5 U	0.5 U	0.57	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	3.2	0.5 U	2 U		2.8	0.5 U	0.5 U	9.3	0.5 U	0.5 U
MW-14d	DP		216	2010Q3	09/22/10	16:03	0.5 U	0.5 U	0.5 U	0.54	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	3.4	0.5 U	2 U		2.3	0.5 U	0.5 U	9.6	0.5 U	0.5 U
MW-14d	DP		216	2011Q1	03/10/11	15:50	0.5 U	0.5 U	0.5 U	0.63	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	3.5	0.5 U	2 U		2.7	0.5 U	0.5 U	11	0.5 U	0.5 U
MW-14d	DP		216	2011Q3	09/12/11	14:26	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	1 U	0.5 U	0.5 U	5 U	2.21	1 U	5 U		1.58	0.5 U	0.5 U	7.01	0.5 U	0.5 U
MW-14d	DP		216	2012Q1	03/12/12	16:58	0.5 U	0.5 U	0.5 U	0.5 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.7	1 U	5 U		2	0.5 U	0.5 U	8.1	0.5 U	0.5 U
MW-14d	DP		216	2012Q3	09/06/12	10:55	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	0.5 U	0.5 U	0.5 U	1.1	0.5 U	1 U		1.9	0.5 U	0.5 U	5	0.5 U	0.5 U
MW-14d	DP		216	2013Q1	03/15/13	16:40	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	1 U	0.5 U	0.5 U	5 U	1.9	1 U	5 U		2.3	0.5 U	0.5 U	7.6	0.5 U	0.5 U
MW-14d	DP		216	2013Q3	09/13/13	15:20	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.7	1 U	5 U		2.2	0.5 U	0.5 U	6.6	0.5 U	0.5 U
MW-14d	DP		216	2014Q1	03/10/14	13:20	0.5 U	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.6	1 U	5 U		3.1	0.5 U	0.5 U	12	0.5 U	0.5 U
MW-14d	DP		216	2014Q3	09/09/14	16:57	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.4	1 U	5 U		1.64	0.5 U	0.5 U	5.57	1 U	0.5 U
MW-14d	DP		216	2015Q1	03/01/15	14:00	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.25	1 U	5 U		1.48	0.5 U	0.5 U	5.77	1 U	0.5 U
MW-14d	DP	DP	216	2015Q3	09/03/15	13:40	0.5 U	0.5 U	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.71	1 U	5 U		1.94	0.5 U	0.5 U	8.44	1 U	0.5 U
MW-14d	DP	D	216	2015Q3	09/03/15	0:00	0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.65	1 U	5 U		1.87	0.5 U	0.5 U	8.26	1 U	0.5 U
CM-MW-10d	TGA		225	2000Q4	12/14/00	0:00		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	1 U	5 U	1 U	1 U	1 U	5 U		1 U		1 U	1 U	1 U	1 U
CM-MW-10d	TGA		225	2001Q1	02/08/01	0:00		1 U	1 U	1 U	1 U	50 U	1 U	50 U	1 U		1 U	5 U	1 U	5 U	5 U	1 U	1 U	5 U		1 U		1 U	4.69	1 U	1 U
CM-MW-10d	TGA		225	2001Q3	08/30/01	9:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2001Q4	11/08/01	12:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2002Q1	02/04/02	9:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2002Q2	05/29/02	13:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2002Q3	08/21/02	15:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2003Q1	02/03/03	15:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2004Q1	01/28/04	18:00	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	5 UJ	0.5 UJ	1 UJ	5 UJ		0.5 UJ		0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
CM-MW-10d	TGA		225	2004Q3	08/17/04	11:00	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CM-MW-10d	TGA		225	2004Q4	11/16/04	14:40	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2005Q1	02/01/05	13:00	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	1 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2006Q2	06/06/06	14:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2007Q1	02/15/07	15:40	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2008Q1	03/10/08	10:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2009Q1	03/23/09	12:20	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	0.5 U	0.5 U	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
CM-MW-10d	TGA		225	2010Q1	03/17/10	12:25	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	0.5 U	0.5 U	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
CM-MW-10d	TGA		225	2011Q1	03/16/11	15:13	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	0.5 U	0.5 U	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
CM-MW-10d	TGA		225	2012Q1	03/27/12	16:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2013Q1	03/07/13	15:53	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA	DP	225	2014Q1	03/25/14	13:50	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA	D	225	2014Q1	03/25/14	13:50	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-10d	TGA		225	2015Q1	03/10/15	13:35	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-27TGA	TGA		165	2004Q3	09/20/04	12:30	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-27TGA	TGA		165	2004Q4	11/17/04	15:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.64	0.5 U	0.5 U
CM-MW-27TGA	TGA		165	2005Q1	02/03/05	12:35	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	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-27TGA	TGA		165	2005Q2	05/19/05	12:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-27TGA	TGA		165	2005Q3	08/17/05	13:37	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U
CM-MW-27TGA	TGA		165	2005Q4	11/15/05	13:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-27TGA	TGA		165	2006Q2	06/02/06	15:48	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	1.85	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-27TGA	TGA		165	2006Q3	09/05/06	14:10	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	3.32	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-27TGA	TGA		165	2007Q1	02/15/07	10:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	1.82	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-27TGA	TGA		165	2008Q1	02/25/08	16:15	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-27TGA	TGA		165	2009Q1	03/27/09	12:20	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-27TGA	TGA		165	2009Q3	09/15/09	9:50	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	0.5 U	0.5 U	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
CM-MW-27TGA	TGA		165	2010Q1	03/17/10	11:15	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	0.5 U	0.5 U	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
CM-MW-27TGA	TGA		165	2011Q1	03/15/11	13:08	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	0.5 U	0.5 U	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
CM-MW-27TGA	TGA		165	2012Q1	03/26/12	15:52	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-27TGA	TGA		165	2013Q1	03/11/13	13:05	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-27TGA	TGA		165	2014Q1	03/27/14	14:48	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-27TGA	TGA		165	2015Q1	03/18/15	16:45	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	0.25	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
CM-MW-28TGA	TGA		206	2004Q4	10/20/04	13:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2004Q4	11/18/04	11:09	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2005Q1	02/04/05	11:22	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2005Q2	05/19/05	15:05	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2005Q3	08/17/05	10:55	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U
CM-MW-28TGA	TGA		206	2005Q4	11/16/05	10:35	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2006Q2	06/01/06	13:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	4.71	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2006Q3	09/11/06	10:25	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2007Q1	02/14/07	12:20	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2008Q1	02/26/08	16:45	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.84	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2009Q1	03/24/09	13:45	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	2.1	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2009Q3	09/15/09	11:15	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	1.4	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2010Q1	03/16/10	16:25	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.93	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2011Q1	03/15/11	11:45	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2012Q1	03/20/12	17:18	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	1.9	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2013Q1	03/08/13	10:13	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	1.5	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2014Q1	03/24/14	10:28	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.98	0.5 U	0.5 U	0.5 U	0.5 U
CM-MW-28TGA	TGA		206	2015Q1	03/09/15	12:50	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	1.44	0.5 U	0.5 U	1 U	0.5 U
CM-MW-29TGA	TGA		155	2004Q4	10/21/04	9:15	0.5 U	1.03	0.5 U	0.71	0.64	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	4.84	1 U	5 U		4.97		0.5 U	14.4	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2004Q4	11/16/04	13:36	0.5 U	0.6	0.5 U	0.75	0.6	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	4.41	1 U	5 U		4		0.5 U	13.6	0.5 U	0.5 U
CM-MW-29TGA	TGA	DP	155	2005Q1	02/03/05	11:25	0.5 U	1.02 J	0.5 U	0.86	0.7	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 UJ	0.5 U	0.5 U	5 U	6.17	1 U	5 U		4.82		0.5 U	15.4 J	0.5 U	0.5 U
CM-MW-29TGA	TGA	D	155	2005Q1	02/03/05	11:25	0.5 U	1.01	0.5 U	0.8	0.76	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	6.21	1 U	5 U		4.77		0.5 U	15.5	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2005Q2	05/19/05	10:34	0.5 U	1.21 J	0.5 U	0.7	0.84	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	1 UJ	0.5 U	0.5 U	5 U	4.65	1 U	5 U		4.68		0.5 U	14.1 J	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2005Q3	08/17/05	8:21	1 U	1.24	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	5.06	1 U	1 U		5.41		1 U	17.2	1 U	1 U
CM-MW-29TGA	TGA		155	2005Q4	11/15/05	15:45	0.5 U	1.07	0.5 U	0.67	0.65	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	1 U	0.5 U	0.5 U	5 U	5.28	1 U	5 U		5.34		0.5 U	15.1	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2006Q2	06/06/06	10:38	0.5 U	0.93	0.5 U	0.7	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.87	1 U	5 U		5.98	0.5 U	0.5 U	14.4	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2006Q3	09/07/06	12:40	0.5 U	0.87	0.5 U	0.63	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.77	1 U	5 U		5.49	0.5 U	0.5 U	13.9	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2007Q1	02/15/07	12:05	0.5 U	0.91	0.5 U	0.64	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.32	1 U	5 U		7.06	0.5 U	0.5 U	17.5	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2007Q3	09/11/07	12:04	0.5 U	0.87	0.5 U	0.64	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.24	1 U	5 U		6.61	0.5 U	0.5 U	16	0.5 U	0.5 U

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
CM-MW-29TGA	TGA		155	2008Q1	02/27/08	11:32	0.5 U	0.95	0.5 U	0.65	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.91	1 U	5 U		7.6	0.5 U	0.5 U	16.5	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2008Q3	09/15/08	11:22	0.5 U	0.87	0.5 U	0.72	0.67	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	5.1	0.5 U	2 U	2 U	6.9	0.5 U	0.5 U	18	0.5 U	
CM-MW-29TGA	TGA		155	2009Q1	03/23/09	12:45	0.5 U	0.92	0.5 U	0.72	0.82	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	5.5	0.5 U	2 U		8.4	0.5 U	0.5 U	20	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2009Q2	06/17/09	11:20	0.5 U	0.95	0.5 U	0.69	0.79	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	4.8	0.5 U	2 U		9.8	0.5 U	0.5 U	19	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2009Q3	09/14/09	12:38	0.5 U	0.6	0.5 U	0.6	0.64	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	4.4	0.5 U	2 U		8.9	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2009Q4	12/17/09	13:05	0.5 U	0.77	0.5 U	0.68	0.64	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	4.6	0.5 U	2 U		8.5	0.5 U	0.5 U	18	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2010Q1	03/17/10	13:52	0.5 U	0.66	0.5 U	0.62	0.73	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	5.1	0.5 U	2 U		9.1	0.5 U	0.5 U	18	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2010Q3	09/20/10	15:53	0.5 U	0.7	0.5 U	0.58	0.65	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	4.5	0.5 U	2 U		8.6	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2011Q1	03/14/11	14:04	0.5 U	0.6	0.5 U	0.57	0.69	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	4.3	0.5 U	2 U		8.4	0.5 U	0.5 U	16	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2011Q3	09/12/11	11:15	0.5 U	0.5	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.12	1 U	5 U		6.62	0.5 U	0.5 U	12.9	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2012Q1	03/27/12	15:30	0.5 U	0.5 U	0.5 U	0.58 J	0.51 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4	1 U	5 U		5.7	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2012Q3	09/05/12	10:48	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	0.5 U	0.5 U	0.5 U	3.2	0.5 U	1 U		5.7	0.5 U	0.5 U	10	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2013Q1	03/07/13	11:15	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	1 U	0.5 U	0.5 U	5 U	4	1 U	5 U		8.2	0.5 U	0.5 U	13	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2013Q3	09/24/13	15:15	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.3	1 U	5 U		7.3	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2014Q1	03/25/14	11:26	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.8	1 U	5 U		6.9	0.5 U	0.5 U	12	0.5 U	0.5 U
CM-MW-29TGA	TGA		155	2014Q3	09/04/14	9:25	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.03	1 U	5 U		5.14	0.5 U	0.5 U	9.35	1 U	0.5 U
CM-MW-29TGA	TGA	DP	155	2015Q1	03/10/15	10:02	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.1	1 U	5 U		6.28	0.5 U	0.5 U	11.83	1 U	0.5 U
CM-MW-29TGA	TGA	D	155	2015Q1	03/10/15	10:02	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.1	1 U	5 U		5.6	0.5 U	0.5 U	11.47	1 U	0.5 U
CM-MW-29TGA	TGA		155	2015Q3	09/23/15	13:05	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.93	1 U	5 U		6.24	0.5 U	0.5 U	11.73	1 U	0.5 U
MW-02d	TGA		212	1999Q2	04/28/99		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	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2000Q4	11/09/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2001Q3	07/24/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2001Q4	10/15/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2002Q1	01/16/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2002Q2	06/05/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA	DP	212	2002Q4	11/25/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA	D	212	2002Q4	11/25/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2004Q1	01/30/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2005Q1	02/23/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2005Q4	11/16/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2006Q1	03/23/06	13:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2006Q2	06/07/06	13:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2007Q1	02/09/07	14:28	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2008Q1	03/04/08	12:29	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2009Q1	03/31/09	14:56	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U		0.5 U	0.5 U	0.5 U	1.6	0.5 U	0.5 U
MW-02d	TGA		212	2009Q3	09/22/09	9:31	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	0.5 U	0.5 U	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
MW-02d	TGA		212	2010Q1	03/19/10	15:03	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	0.5 U	0.5 U	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
MW-02d	TGA		212	2011Q1	03/17/11	11:13	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	0.5 U	0.5 U	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

Appendix A - Summary of Groundwater Analytical Results - All Dates through 2015 Q3 (µg/L)
Port of Vancouver

Well Name	Water Quality Zone	QC Code	Sample Depth (ft bgs)	Sampling Event/ Quarter	Sample Date	Sample Time	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-dichloro-methane	Bromo-form	Carbon Tetra-chloride	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	Dibromo-chloro-methane	Methy-lene chloride	n-Propyl-benzene	Tetra-chloro-ethene	Toluene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MW-02d	TGA		212	2012Q1	03/28/12	13:38	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2013Q1	03/19/13	14:55	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2014Q1	03/13/14	11:20	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	TGA		212	2015Q1	03/12/15	13:39	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-13d	TGA		257	2000Q4	11/07/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2001Q3	07/16/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2001Q4	10/17/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2002Q1	01/12/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2002Q2	06/05/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2002Q3	08/28/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2002Q4	11/19/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2003Q1	02/28/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2003Q2	05/30/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2003Q3	08/29/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2003Q4	11/14/03		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2004Q1	02/02/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2004Q2	05/07/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2004Q3	08/20/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2004Q4	11/22/04		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2005Q1	02/11/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2005Q4	11/22/05		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2006Q1	03/24/06	15:03	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2006Q2	06/07/06	11:00	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2007Q1	02/07/07	15:26	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2008Q1	02/26/08	15:07	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2009Q1	03/27/09	10:38	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	0.5 U	0.5 U	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
MW-13d	TGA		257	2009Q3	09/14/09	16:41	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	0.5 U	0.5 U	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
MW-13d	TGA		257	2010Q1	03/15/10	14:49	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	0.5 U	0.5 U	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
MW-13d	TGA		257	2011Q1	03/15/11	13:46	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	0.5 U	0.5 U	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
MW-13d	TGA		257	2012Q1	03/12/12	16:18	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2013Q1	03/21/13	15:30	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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2014Q1	03/11/14	13:33	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	0.2 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	TGA		257	2015Q1	03/16/15	10:20	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	0.25 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
MW-16d	TGA		225	2000Q4	11/07/00		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	TGA		225	2001Q3	07/19/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	TGA		225	2001Q4	10/25/01		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	TGA		225	2002Q1	01/14/02		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	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Appendix B

Quality Assurance Plan

APPENDIX B: QUALITY ASSURANCE PLAN

1. INTRODUCTION

1.1 PURPOSE

The purpose of the Quality Assurance Plan (QAP) is to establish a system of quality and performance checks pertaining to collection of groundwater samples; laboratory analysis of samples; and reporting of results for groundwater at the SMC and Cadet sites during all 2015 sampling events. A previous version of the QAP was included in the Work Plan for Remedial Investigation and Feasibility Study for the SMC site (Parametrix 1999), and its procedures have been followed for groundwater sampling conducted at the SMC and Cadet sites.

1.2 DATA QUALITY OBJECTIVES

Established before data collection, data quality objectives (DQOs) specify the quality of the data required to meet the stated goals of the project and to ensure collection of representative data of known and documentable quality. All investigation activities will be conducted and documented in accordance with the specified DQOs to ensure that sufficient data of known quality are collected. DQOs for precision, representativeness, accuracy, completeness, and comparability of the data to be collected and analyzed are described in Section 3.

An important project DQO for groundwater monitoring is to obtain appropriate quantitation limits so that the data generated can be compared to applicable quality standards. This QAP also presents procedures for handling samples, sample chain-of-custody procedures, instrument/ equipment preventative maintenance analytical methods for sample analysis, internal quality control, corrective actions, and data assessment.

2. ANALYTICAL DATA QUALITY LEVELS

The United States Environmental Protection Agency (EPA) has defined five levels of analytical data quality (USEPA 1987). This project will use Level III analytical support. Analyses performed using Level III techniques are designed to confirm the identification and quantification of organic and inorganic compounds in water samples; provide sufficient data for site characterization, environmental monitoring, and confirmation of field data; and support engineering studies and, if needed, risk assessment. Level III data will be sufficient for most samples, with the following requirements:

1. The project laboratories must follow the mandatory and recommended QA/QC procedures outlined for the specified methods. Where numerical method detection limits, precision, accuracy, and completeness DQOs are specified in this QAP, these limits will supersede method-specific requirements, unless method-specific requirements are more stringent.
2. The project laboratories must receive and implement the QAP. The Project Manager will request written correspondence from the laboratories acknowledging this fact. All analytical data must be archived for at least 10 years.
3. The project laboratories will complete case files containing all raw data (chromatograms, strip charts, or computer printouts). For data retained on compact

disk (CD) or hard drives, results must be traceable to the case and the samples for future verification, should this information be required at a later date.

3. QUALITY ASSURANCE OBJECTIVES FOR PARCC MEASUREMENT

This section describes DQOs for precision, accuracy, representativeness, completeness, and comparability (PARCC) of the project data. Documentation from the project laboratories will be used to determine if the PARCC parameters are being met. This documentation includes reports on sample results, surrogate recoveries, spike recoveries, laboratory instrument calibrations, and copies of the actual gas chromatograph results. The documentation of PARCC allows validation of results against previous investigations and identifies data uses and/ or limitations prior to the actual data use.

Specific requirements for sample handling, sample custody, calibration, analytical procedures, data reporting, internal quality control, preventative maintenance, data assessment procedures, and corrective actions will be discussed in the following sections of this QAP.

3.1 PRECISION AND ACCURACY

Precision is a measure of mutual agreement among individual measurements of the same property under prescribed similar conditions. It is expressed in terms of standard deviation or relative percent difference (RPD). Accuracy is the degree of agreement of a measurement (or an average of measurements of the same property), X, with either an accepted reference or true value, T. Accuracy can be expressed as the difference between two values, X-T, or the difference as a percentage of the reference or true value, (X-T)/T x 100, or as a ratio, X/T. Accuracy is a measure of the bias in a system and will be expressed as the percent recovery of the samples.

Accuracy and precision are determined through quality control parameters such as surrogate recoveries, matrix spikes, matrix spike duplicates, laboratory control samples (LCS), LCS duplicates (LCSD), quality control (QC) check samples, and field duplicates. The project DQOs for the evaluation of these parameters are based on those given in SW-846 (USEPA 1986), the Contract Laboratory Program (CLP) statements of work (SOW) (USEPA 1993a, 1993b), functional guidelines outlined by the EPA for evaluating organic analyses (USEPA 1994a, 1994b), or statistical information provided by the project laboratories and pre-approved by the QA officer.

QC objectives (control limits expressed as percent) for surrogate recoveries, and percent recovery and RPD for matrix spikes, matrix spike duplicates, and laboratory duplicates for this project, will be those currently established by the testing laboratories. If the required QC objectives are not met after a corrective action is performed, the laboratory will notify the QA officer before data submittal. The QA officer will determine if additional corrective action should be performed, such as re-analysis, if applicable.

Field duplicate samples will be analyzed as QC samples for verification of precision and accuracy. If the results of the field duplicates are outside the control limits, corrective action and/ or data qualification will be determined after review by the QA officer or QA designee. Field duplication can be of poor quality because of sample heterogeneity. Therefore, corrective action will be determined by the QA officer and discussed in the data QA report.

3.2 REPRESENTATIVENESS

Representativeness expresses the degree to which sampling data accurately and precisely represent a characteristic of a population. Sample locations and field sampling procedures have been chosen to maximize representativeness. Representativeness will be assessed from the review of sampling records and a QA audit of field activities.

3.3 COMPLETENESS

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the total data collected. The QA objective for completeness during this project is 90 percent.

3.4 COMPARABILITY

Comparability expresses the confidence with which one data set can be compared to another. All measurements will be made so that results are comparable with other measurement data for similar samples and sample conditions, and with relevant action levels, criteria, or standards. The samples will be collected and analyzed using standard techniques, and analytical results will be reported in units consistent with EPA guidelines. Method detection limits and units to be reported are described in Section 6.

4. SAMPLING PROCEDURES

4.1 SAMPLE COLLECTION

Groundwater samples will be collected from each groundwater monitoring well in accordance with approved methods (ie low-flow purging technique).

4.2 QA/QC SAMPLES

Field and laboratory QA/ QC sample guidelines are summarized in Table 1.

Table 1. Guidelines For Minimum QA/ QC Samples For Field Sampling And Laboratory Analysis

Media	Field	Laboratory				
	Field Duplicate	Trip Blank[1]	Matrix Spike	Matrix Spike Duplicate[2]	Method Blank	Laboratory Control Sample
Groundwater	1 in 20	1 per cooler	1 in 20	1 in 20	1 in 20	1 in 20

1 Trip blank prepared by laboratory and analyzed for volatile organic compounds only.

2 Matrix spike duplicate analyzed for organic compounds.

4.3 SAMPLE CONTAINERS, PREPARATION, PRESERVATIVES, AND HOLDING TIMES

Specifications for containers, holding times, preservation, and handling are shown in Table 2.

Table 2. Sample Containers, Preparation, Preservatives, and Holding Times

Sample Matrix	Sample Container	Container Size	Preservation and Handling	Analyses	Holding Times[1,2,3]
Groundwater	Glass vial; Teflon-lined silicon septum cap	40-ml x 3	Fill bottles leaving NO AIR SPACE. Keep in dark, cool to 4°C; HCL to pH < 2.	VOCs	7 days; 14 days if preserved

1 USEPA 1983. Methods for Chemical Analysis of Water and Wastes.

2 USEPA 1986. Test Methods for Evaluating Solid Waste (SW-846), 3rd Edition.

3 APHA - AWWA - WPCF 1989. Standard Methods for the Examination of Waste and Wastewater, 17th Edition.

4.4 DOCUMENTATION

Sample collection and handling will be documented through the use of daily field logs and other forms, as indicated in Table 3.

Table 3. Sample Collection and Handling Records

Record	Use	Responsibility/Requirements
Field Notebook	Records significant events and observations.	Maintained by field sampler; all entries must be factual, detailed, objective; entries must be signed and dated.
Sampling Field Data Sheet	Provides a record of each sample collected.	Completed, dated, and signed by sampler; maintained in project file.
Exploratory Boring Log	Records geologic and groundwater data during field exploration; used to develop final logs of borings and well logs.	Completed by field geologist or engineer; maintained in project files.
Sample Label	Accompanies sample; contains specific sample identification information.	Completed and attached to sample container by sampler.
Chain-of-Custody Record	Documents chain-of-custody for sample handling.	Documented by sample number. Original accompanies sample. A copy is retained by QA Officer.

4.4.1 Daily Field Logs

A field notebook will be maintained to provide daily records of significant events and observations that occur during field investigations. All entries are to be made in waterproof ink, signed, and dated. Corrections will be made according to the procedures given at the end of this section.

Field notebooks are intended to provide sufficient data and observations to enable participants to reconstruct events that occurred during the project and to refresh the memory of the field personnel if called upon to give testimony during legal proceedings. The field notebook entries should be factual, detailed, and objective.

All field logs and field data sheets will be retained by the project field coordinator and secured in a safe place.

4.4.2 Corrections to Documents

Pages of the field notebook are not to be removed, destroyed, or thrown away. To correct all errors in the notebook, a single line will be drawn through the original entry (so that the original entry can still be read), and the corrected entry will be written alongside. The correction will be initialed and dated. Most corrected errors will require a footnote explaining the correction.

If an error made on a document is assigned to one person, that individual may make corrections simply by crossing out the error and entering the correct information. The erroneous information should not be obliterated. The person who made the entry should correct any error discovered in a document.

4.4.3 Photographs

All photographs taken of field activities will be documented with the following information noted on a photo log:

- Date, time, and subject or location of photograph taken
- Photographer
- Weather conditions
- Description of photograph taken
- Reasons photograph was taken
- Sequential number of the photograph
- Viewing direction

The photographer will review the photographs or slides and compare them to the log, to assure that the log and the photographs match.

5. SAMPLE CUSTODY

5.1 CUSTODY PROCEDURES

This section describes sample custody and the chain-of-custody procedures to be used for this project. These procedures ensure that the quality and integrity of the samples are maintained during their collection, transportation, storage, and analysis.

Sample documents will be carefully prepared so that sample identification and chain-of-custody can be maintained and sample disposition controlled. Sample identification documents will include:

- Field notebooks

- Sample field data sheets
- Sample labels
- Chain-of-custody records

5.1.1 Chain-of-Custody

The chain-of-custody procedures used for this project provide an accurate written or computerized record that can be used to trace the possession of each sample from the time the sample is collected until the completion of all required analyses. A sample is in custody if it is in any of the following places:

- In someone's physical possession
- In someone's view
- In a secured container
- In a designated secure area

The following information will be provided on the laboratory-supplied chain-of-custody form:

- Project name and number
- Sample identification numbers
- Matrix type for each sample
- Analytical methods to be performed for each sample
- Number of containers for each sample
- Sampling date and time for each sample
- Turnaround time for analysis
- Names of all sampling personnel
- Signature and dates indicating the transfer of sample custody

5.1.2 Field Custody Procedures

The following field custody procedures will be followed:

- As few people as possible will handle the samples.
- The sample collector will be responsible for the care and custody of the samples collected until the samples are transferred or dispatched properly.
- The sample collector will record sample data on the sample collection form.
- The field coordinator will determine whether proper custody procedures were followed during the fieldwork, and will decide if additional samples are required.

5.2 TRANSFER OF CUSTODY AND SHIPMENT

When samples are transferred, the person relinquishing the samples will sign the chain-of-custody form and record the date and time of transfer. The sample collector will sign the form in the first signature space.

The QA officer for the project will verify sample custody documentation during regular review of the data validation package.

The following transfer of custody and shipment procedures will be followed:

- A chain-of-custody form must accompany each cooler and shipping container in which samples are packed. When transferring samples, the individuals relinquishing and receiving them must sign, date, and note the time on the chain-of-custody form to document sample custody transfer.
- When coolers and shipping containers are shipped to the labs via a third party, the sample coolers and shipping containers will be sealed with custody seals prior to shipment. The method of shipment, name of courier, and other pertinent information will be entered in the "Remarks" section of the chain-of-custody form and traffic report.
- The chain-of-custody form will accompany all shipments, identifying their contents. The original form will accompany the shipment. The other copies will be distributed as appropriate to the QA officer and project manager.

5.3 SAMPLE IDENTIFICATION

Each sample will be labeled, chemically preserved (if required), and sealed immediately after collection. The labels will be supplied by the laboratory and filled out using waterproof ink, and will be firmly affixed to the sample containers and tags.

The following information will be given on each sample label:

- Project name and number
- Name of sampler
- Date and time of sample collection
- Sample station
- Sample number
- Analysis required
- Preservation

5.4 SAMPLE PACKAGING

The samples will be transported and handled in a manner that not only protects the integrity of the sample, but also prevents any detrimental effects due to the possible hazardous nature of the samples.

6. ANALYTICAL PROCEDURES

As defined by Ecology (1995), the method detection limit (MDL) is the minimum concentration of a compound that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero. The Method Reporting Level (MRL) is the concentration that can be reliably measured within specified limits during routine laboratory operating conditions using Washington State Department of Ecology (Ecology)-approved

methods. During data review, laboratory-specific MDLs and MRLs for water, soil gas, and indoor and outdoor air are compared with the regulatory standards specified in the project DQOs.

Where appropriate, these procedures may be modified, based on anticipated data uses and with recognition of validation requirements, to incorporate techniques familiar to the project laboratory. The laboratory will notify the QA officer of any proposed procedural changes and document these changes in the cover letter included with the data reports.

Matrix interferences may make achievement of the desired detection limits and associated quality control criteria impossible. In such instances, the project laboratories must report to the QA officer the reason for elevated detection limits or noncompliance with quality control criteria.

7. DATA REDUCTION, VALIDATION, AND REPORTING

7.1 DATA REDUCTION

Raw data (including instrument calibrations, chromatograms, and mass spectra), procedural logs for each instrument, sample extraction and preparation logs, and standard preparation logs will be kept on file at the project laboratories. Sample and QC results will be stored in a database maintained by the analytical laboratories.

7.2 DATA VALIDATION

All data packages provided by the project laboratories must provide a summary of QA results adequate to enable reviewers to validate or evaluate the quality of the data. The project QA officer is responsible for conducting checks for internal consistency, transmittal errors, and adherence to the quality control elements specified in the QAP.

For each data package, the project QA officer will conduct a review of the quality control results. Data will be qualified using guidance provided in the CLP functional guidelines for assessing data (USEPA 1994a, 1994b). The QA officer will review the following quality control data results for all samples:

- Chain-of-custody documentation
- Holding times
- Trip blanks
- Rinsate blanks
- Transfer blanks
- Duplicates
- Method blanks

A limited review (minimum 10%) of the following quality control data results will be conducted:

- Laboratory matrix spike/ matrix spike duplicate and/ or matrix duplicate results
- Laboratory surrogate recoveries

- Laboratory check samples

Further evaluations will be conducted, if, based on this limited review, the quality control data results indicate potential data quality problems.

The QA officer will prepare a quality assurance memorandum for each data package describing the results of the data validation and describing any qualifiers that are added to the data.

7.3 DATA REPORTING

All laboratory report data packages will contain the following information:

- Cover letter
- Chain-of-custody forms
- Summary of sample results
- Summary of QC results

The information provided in the cover letter will include:

- Laboratory name, address and telephone number
- Date(s) of sample receipt and number of samples received
- Detailed description of any problems encountered with QC, analysis, shipment or handling procedures
- Identification of possible reasons for any QC criteria falling outside acceptance limits
- Signature of laboratory representative and date certifying data results

The minimum information to be presented on each sample for each parameter or parameter group is:

- Client sample number and laboratory sample number
- Sample matrix
- Date of extraction/preparation and date/time of analysis
- Dilution factors
- Sample weights/volumes used in sample preparation/analysis
- Identification of analytical instrument
- Analytical method
- Detection/quantitation limits

The minimum QC summary information to be presented on each sample for each analyte or analyte group will include:

- Surrogate standard recovery results
- Matrix QC results (matrix spike/ matrix spike duplicate, duplicate)
- Method blank results
- Laboratory check standard results

- Definitions of any data qualifiers used

8. INTERNAL QUALITY CONTROL

Quality control checks consist of measurements performed in the field and laboratory. The analytical methods referenced in Section 10 specify routine methods required to evaluate data precision and accuracy, and to determine whether the data are within the quality control limits. Guidelines for minimum samples for field QA/ QC sampling and laboratory analysis were summarized in Table 1.

8.1 FIELD METHODS

The following quality control samples will be evaluated to verify accuracy and precision of laboratory results for this project: trip blank, equipment rinsate blank, and field duplicate. The frequency of quality control sample evaluation is also indicated by sample type, but may be adjusted when the final sampling schedule is determined. The frequencies of quality control sample evaluation described here should be considered a minimum.

8.1.1 Trip Blank

A minimum of one trip blank for each matrix (groundwater, soil gas, and air) will be analyzed per cooler or shipment. The trip blanks used for groundwater samples will be prepared by CAS using deionized (DI)/ distilled water. The trip blanks used for soil gas and indoor and outdoor air samples will consist of unused Summa™ canisters supplied by CAS. The trip blanks will be transported to and from the field, and then returned to the laboratories for analysis, unopened and unaltered.

8.1.2 Equipment Rinsate Blank

A minimum of one equipment rinsate blank will be collected per sampling event if sample collection involves the use of non-dedicated equipment (e.g., during low-flow purging with non-dedicated tubing). Equipment rinsate samples will be collected following equipment decontamination to assess the effectiveness of the decontamination process. Rinsate samples will consist of laboratory-supplied DI/ distilled water poured onto the non-dedicated sampling equipment and collected directly into appropriate sample containers. Currently, groundwater sampling and soil gas and indoor and outdoor air sampling use dedicated equipment and, thus, rinsate blanks will not be required.

8.1.3 Field Duplicate

In order to verify the precision of laboratory and/ or sampling methodology, a minimum of one blind field duplicate for each matrix will be analyzed per 20 samples, or one per sampling event if there are fewer than 20 samples in a sampling event. The field duplicates for water and soil gas samples will be collected sequentially. Field duplicates for indoor and outdoor air samples will be collected concurrently. The samples will be coded so the project laboratories cannot discern which samples are field duplicates.

8.2 LABORATORY METHODS

Specific procedures and frequencies for laboratory quality control are detailed by analytical method in the laboratory QA Plan. General descriptions of the types of required laboratory QC samples are provided in the following sections.

8.2.1 Method Blanks

To assess possible laboratory contamination, a minimum of one laboratory method blank will be analyzed per 20 samples, or one per sampling event if there are fewer than 20 samples in a sampling event. Method blanks will contain all reagents and undergo all procedural steps used for analysis.

8.2.2 Control Samples

A minimum of one laboratory control sample (LCS) and one LCS duplicate (LCSD) per 20 samples, or one per sampling event if there are fewer than 20 samples in a sampling event, will be analyzed for inorganics to verify the precision of laboratory equipment. The LCS will be a concentration within the calibration range at a different concentration than the standards used to establish the calibration curve. LCS/ LCSD analysis will follow EPA LCS/ LCSD guidelines established in SW-846 (USEPA 1986).

8.2.3 Matrix Spike

A minimum of one laboratory matrix spike (MS) per 20 groundwater samples, or one per sampling event if there are fewer than 20 samples in a sampling event, will be analyzed for VOCs in order to monitor recoveries and ensure that extraction and concentration levels are acceptable for QA/ QC review. MS preparation is not possible in Summa™ canisters containing soil gas or indoor and outdoor air samples. The laboratory matrix spike will be analyzed using a separate groundwater sample collected from one of the wells. The laboratory matrix spike will follow the matrix spike guidelines specified in the CLP SOWs (USEPA 1993a, 1993b).

8.2.4 Matrix Spike Duplicate

A minimum of one laboratory matrix spike duplicate (MSD) per 20 groundwater samples, or one per sampling event if there are fewer than 20 samples in a sampling event, will be analyzed for VOCs in order to provide information on the precision of chemical analysis. MSD preparation is not possible in Summa™ canisters containing soil gas or indoor and outdoor air samples. The MSD will be analyzed using a separate groundwater sample collected at the same well from which the matrix spike sample is collected. MSDs (rather than matrix duplicates) apply to organic analyses because of the potentially large number of undetected compounds to be reported. Comparing the MS and MSD provides better information on the quality of the data. The laboratory MSD will follow EPA matrix spike duplicate guidelines specified in SW-846 (USEPA 1986).

9. PREVENTIVE MAINTENANCE

9.1 FIELD INSTRUMENTS

The field coordinator will arrange for field instrumentation preventive maintenance. Qualified field technicians will perform preventive maintenance on field instruments following the manufacturer's instructions and maintenance schedules. Maintenance will be documented in instrument logbooks along with the date and initials of the individual performing the maintenance.

The field coordinator will routinely review and compare instrument calibration results against the preventive maintenance records to verify the effectiveness of the preventive maintenance program. The field coordinator will track scheduling of preventive maintenance required by the manufacturer.

9.2 LABORATORY INSTRUMENTS

The analytical project laboratory managers are ultimately responsible for the care of the laboratory instruments. They may delegate the responsibility to senior supervising chemists or technicians qualified to perform routine maintenance, after demonstrating that such personnel are trained in maintenance procedures for that laboratory section (e.g., wet chemistry, metals, and organics). Training of laboratory personnel on the routine care of laboratory equipment will be provided, at a minimum, during the initial installation of the equipment and, for new analysts, before initial use of the equipment.

Maintenance and other appropriate details will be documented in daily maintenance logbooks. The individual performing the maintenance procedures will date and sign each entry. At a minimum, the preventive maintenance schedules contained in the EPA methods and in the equipment manufacturer's instructions will be followed.

10. DATA ASSESSMENT PROCEDURES

The project laboratory QA officers will review analytical data to assure that the QA/ QC objectives for precision, accuracy, and completeness are met. These reviews will identify the occurrence of deficiencies in time to take corrective actions. This section describes routine procedures for assessing project data.

10.1 PRECISION

Precision measures the mutual agreement among individual measurements of the same property, usually under prescribed similar conditions. QA/ QC sample types that measure precision include field duplicates, matrix spike duplicates, and matrix duplicates. The estimate of precision of duplicate measurements is expressed as a relative percent difference (RPD):

RPD = (D1 - D2)/((D1 + D2)/2) x 100
Where D1 = First sample value
D2 = Second sample value

The RPDs will be routinely calculated and compared with DQOs. Control limits are established by determining the standard deviation of a series of replicate measurements.

10.2 ACCURACY

Accuracy is assessed using the results of standard reference material, linear check samples, and matrix spike analyses. It is routinely expressed as a percent recovery, which is calculated:

$$\% \text{ Recovery} = \frac{(\text{Total Analyte Found} - \text{Analyte Originally Present}) \times 100}{\text{Analyte Added}}$$

The percent recovery will be routinely calculated and checked against DQOs.

10.3 COMPLETENESS

The amount of valid data produced will be compared with the total analyses performed to assess the percent of completeness. Completeness will be routinely calculated and compared with the data quality objectives.

10.4 REPRESENTATIVENESS

Sample locations and sampling procedures will have been chosen to maximize representativeness. A qualitative assessment (based on professional experience and judgment) will be made of sample data representativeness based on review of sampling records and QA audit of field activities.

11. CORRECTIVE ACTIONS

Corrective actions may be needed for two categories of nonconformance:

- Deviations from the methods or QA requirements established in Sampling and Analysis Plans (SAPs) or this QAP
- Equipment or analytical malfunctions

During field operations and sampling procedures, the project field coordinator will be responsible for taking and reporting required corrective actions. A description of any such action taken will be entered in the field notebook. The QA officer will be consulted immediately if field conditions are such that conformance with the SAP or QAP is not possible. Any corrective action or field condition resulting in a major revision of the QAP will be communicated to the project manager for review and concurrence. Whenever possible, this communication will be made before changes in field procedures are implemented.

During laboratory analysis, the project laboratory QA officers will be responsible for taking required corrective actions in response to equipment malfunctions. If an analysis does not meet data quality goals outlined in the QAP, corrective action will follow the guidelines in SW-846 (USEPA 1986). This includes, at a minimum, the following considerations:

- Calibration-check compounds must be within performance criteria specified in SW-846 (USEPA 1986), or corrective action must be taken before sample analysis begins.
- Before processing any samples, the analysts will demonstrate by analysis of a reagent blank that interferences from the analytical system, glassware, and reagents are within acceptable limits. Each time a set of samples is extracted or there is a change in reagents, reagent water blank will be processed as a safeguard against chronic laboratory contamination. The blank samples will be carried through all sample preparation and measurement steps.
- Surrogate spike analysis must be within the contract-required recovery limits, or corrective action must be taken and documented.

If analytical conditions do not conform to this QAP, the project QA officer will be notified as soon as possible so that additional corrective actions can be taken. Corrective Action Reports will document responses to any reported nonconformances. These reports may be generated from internal or external audits or from informal reviews of project activities. Corrective Action Reports will be reviewed for appropriateness of recommendations and actions by the project QA officer for QA matters, and by the project manager for matters of technical approach.

12. QUALITY ASSURANCE REPORTS

A QA data validation report will accompany all data packages submitted to Ecology. This QA report will summarize all relevant data quality information. The QA Officer will be responsible for data quality assessments and associated QA reports. Final task or investigative reports will contain a separate QA section summarizing data quality information.

13. REFERENCES

Ecology (Washington State Department of Ecology). 1995. Guidance on sampling and data analysis methods. Publication No. 94-49. Washington State Department of Ecology. Olympia, Washington. 1995.

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USEPA. 1993a. Statement of work for inorganic analysis, multi-media, multi-concentration. U.S. EPA Contract Laboratory Program. (ILM03.0) U.S. Environmental Protection Agency, Washington, D.C. 1993.

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USEPA. 1994a. USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review. Office of Emergency and Remedial Response. USEPA, Washington, D.C. 1994.

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Appendix C

Analytical Data and Review

Parametrix
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TECHNICAL MEMORANDUM

DATE: January 15, 2016
TO: Project File
FROM: Adam Romey
SUBJECT: Data Quality Assurance Review – 2015 Annual Environmental Monitoring Report (AEMR)
CC:
PROJECT NUMBER: 275-1940-006
PROJECT NAME Port of Vancouver TCE Cleanup

INTRODUCTION

The Port of Vancouver, USA (the Port) is performing interim actions based on the results of a Remedial Investigation (RI) and Feasibility Study (FS) of trichloroethene (TCE) and associated volatile organic compounds (VOCs) in soil and groundwater conducted at the former Building 2220 (a.k.a. the Swan Manufacturing Company or SMC) and Cadet Manufacturing Company (Cadet) sites, located in Vancouver, Washington.

Monitoring of the SMC and Cadet sites historically included groundwater, soil gas, indoor air and outdoor air, but only groundwater has been sampled since 2012. Implementation of interim treatment actions has resulted in substantial reduction in VOC concentrations as documented in prior AEMRs. The reduction of VOC concentrations has allowed for the monitoring program associated with the two sites to be optimized and reduced over time.

There were three quarterly groundwater sampling events in 2015. The events were completed in March 2015 (Quarter 1), June 2015 (Quarter 2), and September 2015 (Quarter 3). Parametrix collected 203 groundwater samples, along with 12 duplicate samples and 13 trip blanks, during 2015. Sampling details by event are as follows.

- Quarter 1 – 126 field samples, 7 duplicate samples, and 7 trip blanks
- Quarter 2 – 5 field samples, 1 duplicate sample, and 1 trip blank
- Quarter 3 – 71 field samples, 4 duplicate samples, and 5 trip blanks

Apex Laboratories performed sample analyses for all groundwater samples collected in 2015. The qualified analytical results for the 2015 groundwater monitoring events are summarized in Table 1. The analytes detected in the primary field groundwater and the field duplicate groundwater samples, and their relative percent differences (RPDs) are summarized in Table 2. The samples collected during all the 2015 quarterly sampling events are summarized in Table 3.

DATA QUALITY SUMMARY

Data collection and validation were performed in accordance with the project Quality Assurance Plan (QAP). The data are considered acceptable for their intended use, with appropriate qualifiers assigned, if any. Qualified VOC results, are shown in the tables below.

Representativeness

Representativeness expresses the degree to which sampling data accurately and precisely represents a characteristic of a population, and is assessed from a review of sampling records and a QA audit of field activities. A review of the sampling records (i.e., field data sheets) and procedures employed during the 2015 quarterly sampling events at the SMC and Cadet sites indicates that sampling procedures were consistent throughout the year and were also consistent with sampling procedures employed during prior years. Since the Port acquired the Cadet property as part of the settlement agreement in 2006, sampling procedures employed by the Port at the Cadet site have mimicked those previously used by Cadet by referring to previous field data sheets and utilizing the same field equipment (e.g., micro-purge controller, bladder pumps, peristaltic pump). In summary, there were no deviations in specified sampling protocols between past years and 2015 or between sampling events during 2015. Hence, the data collected during the 2015 quarterly monitoring events are considered representative.

Completeness

Completeness is a measure of the amount of valid data obtained from a measurement system, compared to the total data collected. The QA objective for completeness during this project is 90 percent.

A review of the data collected during the 2015 quarterly monitoring events indicates that all the sample results are considered acceptable for their intended use, with appropriate qualifiers assigned. Analysis of the 2015 quarterly monitoring data indicates that, of the 203 field groundwater samples collected (excluding 12 field duplicates and 13 trip blanks), none were qualified as invalid resulting in a completeness of 100 percent for groundwater samples. Therefore, the data from the 2015 Quarter 1 through Quarter 3 sampling events are considered complete. The qualified analytical results are summarized in Table 1 below.

Table 1. Qualified Analytical Results

Sample Type	Sample Event/ Quarter	Sample Location	Lab ID	Analyte	QC Code	Sample Date	Result (µg/L)	Qualifier
Groundwater	2015Q1	CM-MW-03s	A5C0206-01	Trichloro-fluoro-methane		03/06/15	1	UJ
	2015Q1	CM-MW-03d-100	A5C0206-02	Trichloro-fluoro-methane		03/06/15	1	UJ
	2015Q1	CM-MW-03d-141	A5C0206-03	Trichloro-fluoro-methane		03/06/15	1	UJ
	2015Q1	CM-MW-03d-181	A5C0206-04	Trichloro-fluoro-methane		03/06/15	1	UJ
	2015Q1	CM-MW-03d-227	A5C0206-05	Trichloro-fluoro-methane		03/06/15	1	UJ
	2015Q1	CM-MW-07d	A5C0327-12	Toluene		03/10/15	0.97	J
	2015Q1	CM-MW-04i	A5C0327-21	Chloroform		03/11/15	0.55	J
	2015Q1	CM-MW-Ui	A5C0556-01	Chloroform		03/17/15	0.73	J

2015Q1	MW-20	A5C0557-06	Chloroform	03/16/15	0.67	J
2015Q1	CM-MW-19i	A5C0709-03	Chloroform	03/18/15	0.5	J
2015Q3	CM-MW-19i	A5I0190-07	Chloroform	09/02/15	0.57	J
2015Q3	MW-09	A5I0208-08	Chloroform	09/03/15	0.59	J
2015Q3	MW-38i	A5I0312-15	Chloroform	09/10/15	0.5	J
2015Q3	CM-MW-29USA-100	A5I0784-05	Chloroform	09/23/15	0.57	J

µg/L = micrograms per liter; U= not detected at or above the method reporting limit; J = the analyte was positively identified but the associated value is approximate; B = analyte was detected in the associated blank as well as the sample, indicating possible/probable blank contamination; Various = multiple VOCs were qualified in sample.

Comparability

Comparability expresses the confidence with which one data set can be compared to another. Given no sampling procedure deviations between sampling events during 2015 or between procedures employed during 2015 and during past years, in conjunction with the high degree of completeness obtained for the Quarter 1 through Quarter 3 datasets, initial review suggests a high degree of comparability. Additional review indicates that analytical results are consistent with historical values, bearing in mind the established trends at various sampling locations; there are no anomalous data among the Quarter 1 through Quarter 3 data sets. In summary, the data from the 2015 sampling events are considered comparable with those of previous sampling events.

Continuing Calibration Verification

During the 2015 Quarter 1 event it was necessary to qualify results based on continuing calibration verification exceedances. In sample delivery group A5C0206, the laboratory indicated that the continuing calibration verification sample recovery for trichlorofluoromethane in batche 5030316 was below lower control limits for this analyte. Results are likely biased low and are considered estimates. As a result, all field sample results for trichlorofluoromethane in this batch are qualified (J) as estimates. See Table 1 for a summary of the qualified results.

Detections Below the Method Reporting Limit

During the 2015 Quarters 1 and 3 events it was necessary to qualify results based on detections below the method reporting limit (MRL) but above the method detection limit (MDL). The laboratory reported chloroform detections below the method reporting limit (MRL) in the following Quarter 1 and 3 events samples.

- CM-MW-04i (A5C0327-21)
- CM-MW-Ui (A5C0556-01)
- MW-20 (A5C0557-06)
- CM-MW-19i (A5C0709-03)
- CM-MW-19i (A5I0190-07)
- MW-09 (A5I0208-08)
- MW-38i (A5I0312-15)
- CM-MW-29USA-100 (A5I0784-05)

The MRL is the lowest amount of an analyte in a sample that can be quantitatively determined with stated, acceptable precision and accuracy under stated analytical conditions. These results have been qualified as estimates (J). Table 1 identifies the analytical results qualified during this sampling event.

Sample Holding Times

It was unnecessary to qualify any results based on holding time exceedances.

Blanks

It was unnecessary to qualify any results based on trip blanks.

Surrogates

It was unnecessary to qualify any results based on surrogate recoveries.

Lab Duplicate

It was unnecessary to qualify any results based on lab duplicate RPDs.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

It was unnecessary to qualify any results based on MS/MSD percent recoveries and RPDs.

Laboratory Control Samples (LCS)

It was unnecessary to qualify any results based on LCS recoveries.

Field Duplicates

It was unnecessary to qualify results based on field duplicate RPDs.

Field duplicates were collected for the samples shown in Table 2. Table 2 summarizes the analytes detected in the primary field groundwater samples and in the field duplicate groundwater samples and their RPDs. Field duplicate precision for target analytes was screened against an RPD of 35%. All field duplicate RPDs were below these values, with the exceptions noted in Table 2. No results were qualified based on field duplicate results alone.

Miscellaneous Issues

It was unnecessary to qualify any results based on chain-of-custody or miscellaneous issues.

Table 2. Summary of Groundwater Field Duplicate Results

Sampling Event	Lab Report	Sample	Analyte	Primary Sample Result (µg/L)	Duplicate Sample Result (µg/L)	RPD
2015Q1	A5C0100	MW-32i	1,1-Dichloroethane	1.71	1.7	0.59
2015Q1	A5C0100	MW-32i	cis-1,2-Dichloroethene	29.48	29.35	0.44
2015Q1	A5C0100	MW-32i	Tetrachloroethene	24.69	23.13	6.52
2015Q1	A5C0100	MW-32i	Trichloroethene	13.23	12.6	4.88
2015Q1	A5C0173	MW-05i	1,1,1-Trichloroethane	0.98	0.96	2.06
2015Q1	A5C0173	MW-05i	1,1-Dichloroethane	0.69	0.71	2.86

Sampling Event	Lab Report	Sample	Analyte	Primary Sample Result (µg/L)	Duplicate Sample Result (µg/L)	RPD
2015Q1	A5C0173	MW-05i	1,1-Dichloroethene	0.83	0.83	0.00
2015Q1	A5C0173	MW-05i	cis-1,2-Dichloroethene	4.9	5.19	5.75
2015Q1	A5C0173	MW-05i	Tetrachloroethene	2	2	0.00
2015Q1	A5C0173	MW-05i	Trichloroethene	26.31	25.88	1.65
2015Q1	A5C0206	CM-DPW-01	1,1,1-Trichloroethane	0.5 U	0.51	1.98
2015Q1	A5C0206	CM-DPW-01	Tetrachloroethene	1.9	1.82	4.30
2015Q1	A5C0206	CM-DPW-01	Trichloroethene	7.54	7.74	2.62
2015Q1	A5C0327	CM-MW-29TGA	cis-1,2-Dichloroethene	3.1	3.1	0.00
2015Q1	A5C0327	CM-MW-29TGA	Tetrachloroethene	6.28	5.6	11.45
2015Q1	A5C0327	CM-MW-29TGA	Trichloroethene	11.83	11.47	3.09
2015Q1	A5C0390	MW-06	Tetrachloroethene	1.1	1	9.52
2015Q1	A5C0390	MW-06	Trichloroethene	2.41	2.47	2.46
2015Q2	A5G0107	MW-05	cis-1,2-Dichloroethene	18.8	19.6	4.17
2015Q2	A5G0107	MW-05	Tetrachloroethene	121.2	122.2	0.82
2015Q2	A5G0107	MW-05	Trichloroethene	2607.4	2694.2	3.27
2015Q3	A5I0190	CM-MW-05i	Tetrachloroethene	1.26	1.23	2.41
2015Q3	A5I0190	CM-MW-05i	Trichloroethene	1.33	1.26	5.41
2015Q3	A5I0208	MW-14d	1,1-Dichloroethane	0.58	0.55	5.31
2015Q3	A5I0208	MW-14d	cis-1,2-Dichloroethene	2.71	2.65	2.24
2015Q3	A5I0208	MW-14d	Tetrachloroethene	1.94	1.87	3.67
2015Q3	A5I0208	MW-14d	Trichloroethene	8.44	8.26	2.16
2015Q3	A5I0312	CM-MW-20i	cis-1,2-Dichloroethene	1.61	1.61	0.00
2015Q3	A5I0312	CM-MW-20i	Tetrachloroethene	6.82	5.93	13.96
2015Q3	A5I0312	CM-MW-20i	Trichloroethene	6.17	5.34	14.42
2015Q3	A5I0312	MW-18i	Tetrachloroethene	2.07	1.79	14.51
2015Q3	A5I0312	MW-18i	Trichloroethene	5.19	5.24	0.96

µg/L = micrograms per liter; VOCs = volatile organic compounds; ND = not detected; Q1, Q2, Q3, and Q4 = first, second, third, and fourth quarter sampling events, respectively; RPD = relative percent difference. Results exceeding the recommended RPB are listed in ***bold italics***.

SAMPLE SUMMARY

Table 3 provides a summary of the field samples collected in 2015 quarterly sampling events, which includes the 228 groundwater samples collected (including 12 field duplicates and 13 trip blanks).

Table 3. Groundwater Sample Collection Summary

Sampling Event	Lab ID	Sample Location	Sample Depth (ft bgs)	QC Code	Sample Date
2015Q1	A5C0100-01	MW-07	25		3/1/2015
2015Q1	A5C0100-02	MW-08	25		3/1/2015

Sampling Event	Lab ID	Sample Location	Sample Depth (ft bgs)	QC Code	Sample Date
2015Q1	A5C0100-03	MW-08i	125		3/1/2015
2015Q1	A5C0100-04	MW-14d	216		3/1/2015
2015Q1	A5C0100-05	MW-15	28		3/1/2015
2015Q1	A5C0100-06	MW-15i	134		3/1/2015
2015Q1	A5C0100-07	MW-12	26		3/2/2015
2015Q1	A5C0100-08	MW-12d	211		3/2/2015
2015Q1	A5C0100-09	MW-17	26		3/2/2015
2015Q1	A5C0100-10	MW-17d	190		3/2/2015
2015Q1	A5C0100-11	MW-31i	80		3/2/2015
2015Q1	A5C0100-12	MW-32s	28		3/2/2015
2015Q1	A5C0100-14	MW-33s	26		3/2/2015
2015Q1	A5C0100-15	MW-33i	80		3/2/2015
2015Q1	A5C0100-16	MW-E	29		3/2/2015
2015Q1	A5C0100-17	MW-32i	65	D	3/2/2015
2015Q1	A5C0100-13	MW-32i	65	DP	3/2/2015
2015Q1	A5C0100-18	MW-18	33		3/3/2015
2015Q1	A5C0100-19	MW-18i	125		3/3/2015
2015Q1	A5C0100-20	MW-30i	80		3/3/2015
2015Q1	A5C0100-21	MW-35i	117		3/3/2015
2015Q1	A5C0100-22	MW-F	32		3/3/2015
2015Q1	A5C0100-23	MW-G	32		3/3/2015
2015Q1	A5C0100-24	Blank		TB	3/3/2015
2015Q1	A5C0173-01	IMW-05	25		3/4/2015
2015Q1	A5C0173-02	MW-01	20		3/4/2015
2015Q1	A5C0173-03	MW-01d	216		3/4/2015
2015Q1	A5C0173-04	MW-05	25		3/4/2015
2015Q1	A5C0173-06	MW-05dR	221		3/4/2015
2015Q1	A5C0173-07	VMW-08	20		3/4/2015
2015Q1	A5C0173-08	VMW-09	21		3/4/2015
2015Q1	A5C0173-09	VMW-10	23		3/4/2015
2015Q1	A5C0173-10	VMW-11	23		3/4/2015
2015Q1	A5C0173-11	MW-05i	95	D	3/4/2015
2015Q1	A5C0173-05	MW-05i	95	DP	3/4/2015
2015Q1	A5C0173-21	Blank		TB	3/4/2015
2015Q1	A5C0173-12	MW-04	20		3/5/2015
2015Q1	A5C0173-13	MW-11	21		3/5/2015
2015Q1	A5C0173-14	MW-24	57		3/5/2015
2015Q1	A5C0173-15	MW-24i	118		3/5/2015
2015Q1	A5C0173-16	MW-25	80		3/5/2015

Sampling Event	Lab ID	Sample Location	Sample Depth (ft bgs)	QC Code	Sample Date
2015Q1	A5C0173-17	MW-26i	108		3/5/2015
2015Q1	A5C0173-18	MW-28i	80		3/5/2015
2015Q1	A5C0173-19	MW-34i	100		3/5/2015
2015Q1	A5C0173-20	MW-38i	150		3/5/2015
2015Q1	A5C0206-01	CM-MW-03s	20		3/6/2015
2015Q1	A5C0206-02	CM-MW-03d	100		3/6/2015
2015Q1	A5C0206-03	CM-MW-03d	141		3/6/2015
2015Q1	A5C0206-04	CM-MW-03d	181		3/6/2015
2015Q1	A5C0206-05	CM-MW-03d	227		3/6/2015
2015Q1	A5C0206-06	CM-MW-17i	90		3/6/2015
2015Q1	A5C0206-07	CM-VE-09	17.5		3/6/2015
2015Q1	A5C0206-08	CM-VE-10	17.5		3/6/2015
2015Q1	A5C0206-09	CM-VE-11	17.5		3/6/2015
2015Q1	A5C0206-10	CM-VE-12	17.5		3/6/2015
2015Q1	A5C0206-24	Blank		TB	3/6/2015
2015Q1	A5C0206-11	CM-MW-01s	20		3/7/2015
2015Q1	A5C0206-12	CM-MW-01i	86		3/7/2015
2015Q1	A5C0206-13	CM-MW-01d	40		3/7/2015
2015Q1	A5C0206-14	CM-MW-01d	121		3/7/2015
2015Q1	A5C0206-15	CM-MW-01d	161		3/7/2015
2015Q1	A5C0206-16	CM-MW-01d	194		3/7/2015
2015Q1	A5C0206-17	CM-MW-01d	224		3/7/2015
2015Q1	A5C0206-18	CM-MW-22s	40		3/7/2015
2015Q1	A5C0206-20	CM-DPW-06	23		3/7/2015
2015Q1	A5C0206-21	CM-DPW-10	23		3/7/2015
2015Q1	A5C0206-22	CM-DPW-16	22.5		3/7/2015
2015Q1	A5C0206-23	CM-DPW-01	18	D	3/7/2015
2015Q1	A5C0206-19	CM-DPW-01	18	DP	3/7/2015
2015Q1	A5C0327-01	CM-MW-18s	21.5		3/9/2015
2015Q1	A5C0327-02	CM-MW-18i	93		3/9/2015
2015Q1	A5C0327-03	CM-MW-18d	193.5		3/9/2015
2015Q1	A5C0327-04	CM-MW-24s	25		3/9/2015
2015Q1	A5C0327-05	CM-MW-24i	93		3/9/2015
2015Q1	A5C0327-06	CM-MW-28TGA	206		3/9/2015
2015Q1	A5C0327-07	CM-MW-28USA	50		3/9/2015
2015Q1	A5C0327-08	CM-MW-28USA	120.5		3/9/2015
2015Q1	A5C0327-09	CM-MW-28USA	180		3/9/2015
2015Q1	A5C0327-25	Blank		TB	3/9/2015
2015Q1	A5C0327-10	CM-MW-07s	34		3/10/2015

Sampling Event	Lab ID	Sample Location	Sample Depth (ft bgs)	QC Code	Sample Date
2015Q1	A5C0327-11	CM-MW-07i	104		3/10/2015
2015Q1	A5C0327-12	CM-MW-07d	220		3/10/2015
2015Q1	A5C0327-13	CM-MW-10s	54		3/10/2015
2015Q1	A5C0327-14	CM-MW-10d	225		3/10/2015
2015Q1	A5C0327-16	CM-MW-29USA	60.5		3/10/2015
2015Q1	A5C0327-17	CM-MW-29USA	100		3/10/2015
2015Q1	A5C0327-18	CM-MW-29USA	140.5		3/10/2015
2015Q1	A5C0327-19	CM-MW-29TGA	155	D	3/10/2015
2015Q1	A5C0327-15	CM-MW-29TGA	155	DP	3/10/2015
2015Q1	A5C0327-20	CM-MW-04s	22.5		3/11/2015
2015Q1	A5C0327-21	CM-MW-04i	90		3/11/2015
2015Q1	A5C0327-22	CM-MW-05s	20		3/11/2015
2015Q1	A5C0327-23	CM-MW-05i	90		3/11/2015
2015Q1	A5C0327-24	CM-MW-05d	211.5		3/11/2015
2015Q1	A5C0390-01	MW-02	25		3/12/2015
2015Q1	A5C0390-02	MW-02d	212		3/12/2015
2015Q1	A5C0390-04	MW-09	27		3/12/2015
2015Q1	A5C0390-05	MW-16	31		3/12/2015
2015Q1	A5C0390-06	MW-16d	225		3/12/2015
2015Q1	A5C0390-07	MW-37i	120		3/12/2015
2015Q1	A5C0390-08	MW-06	24	D	3/12/2015
2015Q1	A5C0390-03	MW-06	24	DP	3/12/2015
2015Q1	A5C0390-09	Blank		TB	3/12/2015
2015Q1	A5C0557-01	MW-13d	257		3/16/2015
2015Q1	A5C0557-02	MW-04d	227		3/16/2015
2015Q1	A5C0557-03	MW-23	40		3/16/2015
2015Q1	A5C0557-04	MW-19i	125		3/16/2015
2015Q1	A5C0557-05	MW-19s	28		3/16/2015
2015Q1	A5C0557-06	MW-20	52		3/16/2015
2015Q1	A5C0557-07	MW-21	37		3/16/2015
2015Q1	A5C0556-01	CM-MW-Ui	115		3/17/2015
2015Q1	A5C0556-03	CM-MW-21s	56.5		3/17/2015
2015Q1	A5C0556-04	CM-MW-06s	26.5		3/17/2015
2015Q1	A5C0556-05	CM-MW-25s	21		3/17/2015
2015Q1	A5C0556-06	CM-MW-26s	24		3/17/2015
2015Q1	A5C0557-08	MW-10	26		3/17/2015
2015Q1	A5C0557-09	MW-36s	29		3/17/2015
2015Q1	A5C0557-10	MW-36i	100		3/17/2015
2015Q1	A5C0556-07	CM-MW-21i	115	D	3/17/2015

Sampling Event	Lab ID	Sample Location	Sample Depth (ft bgs)	QC Code	Sample Date
2015Q1	A5C0556-02	CM-MW-21i	115	DP	3/17/2015
2015Q1	A5C0556-08	Blank		TB	3/17/2015
2015Q1	A5C0709-01	CM-MW-27USA	49.5		3/18/2015
2015Q1	A5C0709-02	CM-MW-19d	173		3/18/2015
2015Q1	A5C0709-03	CM-MW-19i	89		3/18/2015
2015Q1	A5C0709-04	CM-MW-19s	26.5		3/18/2015
2015Q1	A5C0709-05	CM-MW-27TGA	165		3/18/2015
2015Q1	A5C0710-01	MW-07i	85		3/18/2015
2015Q1	A5C0710-02	MW-29i	120		3/18/2015
2015Q1	A5C0709-06	CM-MW-02d	225		3/19/2015
2015Q1	A5C0709-07	CM-MW-02s	15		3/19/2015
2015Q1	A5C0709-08	CM-MW-09s	15		3/19/2015
2015Q1	A5C0709-10	CM-MW-23i	97		3/19/2015
2015Q1	A5C0709-11	CM-MW-23s	34		3/19/2015
2015Q1	A5C0710-03	MW-04i	95		3/19/2015
2015Q1	A5C0709-12	CM-MW-08s	19	D	3/19/2015
2015Q1	A5C0709-09	CM-MW-08s	19	DP	3/19/2015
2015Q1	A5C0709-13	CM-MW-20s	27.5		3/20/2015
2015Q1	A5C0709-14	CM-MW-20i	94		3/20/2015
2015Q1	A5C0709-15	CM-MW-15s	52		3/20/2015
2015Q1	A5C0709-16	Blank		TB	3/20/2015
2015Q2	A5G0107-01	IMW-05	25		6/30/2015
2015Q2	A5G0107-03	VMW-08	20		6/30/2015
2015Q2	A5G0107-04	VMW-09	21		6/30/2015
2015Q2	A5G0107-05	VMW-10	23		6/30/2015
2015Q2	A5G0107-06	VMW-11	23		6/30/2015
2015Q2	A5G0107-07	MW-05	25	D	6/30/2015
2015Q2	A5G0107-02	MW-05	25	DP	6/30/2015
2015Q2	A5G0107-08	Blank		TB	6/30/2015
2015Q3	A5I0190-01	CM-MW-28USA	50		9/2/2015
2015Q3	A5I0190-02	CM-MW-28USA	120.5		9/2/2015
2015Q3	A5I0190-03	CM-MW-28USA	180		9/2/2015
2015Q3	A5I0190-04	CM-MW-18i	93		9/2/2015
2015Q3	A5I0190-05	CM-MW-18d	193.5		9/2/2015
2015Q3	A5I0190-06	CM-MW-19s	26.5		9/2/2015
2015Q3	A5I0190-07	CM-MW-19i	89		9/2/2015
2015Q3	A5I0190-08	CM-MW-19d	173		9/2/2015
2015Q3	A5I0190-09	CM-MW-24s	25		9/2/2015
2015Q3	A5I0190-10	CM-MW-24i	93		9/2/2015

Sampling Event	Lab ID	Sample Location	Sample Depth (ft bgs)	QC Code	Sample Date
2015Q3	A5I0208-01	MW-33i	80		9/2/2015
2015Q3	A5I0208-02	MW-32i	65		9/2/2015
2015Q3	A5I0190-11	CM-MW-04i	90		9/3/2015
2015Q3	A5I0190-12	CM-MW-05s	20		9/3/2015
2015Q3	A5I0190-14	CM-MW-05d	211.5		9/3/2015
2015Q3	A5I0190-15	CM-MW-26s	24		9/3/2015
2015Q3	A5I0208-03	MW-31i	80		9/3/2015
2015Q3	A5I0208-04	MW-E	29		9/3/2015
2015Q3	A5I0208-06	MW-16	31		9/3/2015
2015Q3	A5I0208-08	MW-09	27		9/3/2015
2015Q3	A5I0208-09	MW-15i	134		9/3/2015
2015Q3	A5I0190-16	CM-MW-05i	90	D	9/3/2015
2015Q3	A5I0208-07	MW-14d	216	D	9/3/2015
2015Q3	A5I0190-13	CM-MW-05i	90	DP	9/3/2015
2015Q3	A5I0208-05	MW-14d	216	DP	9/3/2015
2015Q3	A5I0190-17	Blank		TB	9/3/2015
2015Q3	A5I0232-01	CM-MW-01s	20		9/4/2015
2015Q3	A5I0232-02	CM-MW-01d	40		9/4/2015
2015Q3	A5I0232-03	CM-MW-01d	121		9/4/2015
2015Q3	A5I0232-04	CM-MW-01d	161		9/4/2015
2015Q3	A5I0232-05	CM-MW-01d	194		9/4/2015
2015Q3	A5I0232-06	CM-MW-01d	224		9/4/2015
2015Q3	A5I0232-07	CM-MW-03s	20		9/4/2015
2015Q3	A5I0232-08	CM-MW-03d	100		9/4/2015
2015Q3	A5I0232-09	CM-MW-03d	141		9/4/2015
2015Q3	A5I0232-10	CM-MW-03d	181		9/4/2015
2015Q3	A5I0232-11	CM-MW-03d	227		9/4/2015
2015Q3	A5I0232-12	CM-MW-22s	40		9/4/2015
2015Q3	A5I0232-13	CM-VE-09	17.5		9/4/2015
2015Q3	A5I0232-14	CM-VE-10	17.5		9/4/2015
2015Q3	A5I0232-15	CM-VE-11	17.5		9/4/2015
2015Q3	A5I0232-16	CM-VE-12	17.5		9/4/2015
2015Q3	A5I0232-17	CM-MW-17i	90		9/4/2015
2015Q3	A5I0232-18	Blank		TB	9/4/2015
2015Q3	A5I0784-10	Blank		TB	9/8/2015
2015Q3	A5I0789-05	Blank		TB	9/8/2015
2015Q3	A5I0312-01	MW-01d	216		9/9/2015
2015Q3	A5I0312-02	MW-05	25		9/9/2015
2015Q3	A5I0312-03	MW-05i	95		9/9/2015

Sampling Event	Lab ID	Sample Location	Sample Depth (ft bgs)	QC Code	Sample Date
2015Q3	A5I0312-04	MW-05dr	221		9/9/2015
2015Q3	A5I0312-05	MW-12d	211		9/9/2015
2015Q3	A5I0312-06	MW-30i	80		9/9/2015
2015Q3	A5I0312-07	MW-37i	120		9/9/2015
2015Q3	A5I0312-08	CM-MW-23s	34		9/9/2015
2015Q3	A5I0312-09	CM-MW-23i	97		9/9/2015
2015Q3	A5I0312-12	MW-28i	80		9/10/2015
2015Q3	A5I0312-13	MW-34i	100		9/10/2015
2015Q3	A5I0312-14	MW-35i	117		9/10/2015
2015Q3	A5I0312-15	MW-38i	150		9/10/2015
2015Q3	A5I0312-16	CM-MW-02d	225		9/10/2015
2015Q3	A5I0312-18	CM-DPW-01	18		9/10/2015
2015Q3	A5I0312-19	CM-DPW-10	23		9/10/2015
2015Q3	A5I0312-20	MW-18i	125	D	9/10/2015
2015Q3	A5I0312-21	CM-MW-20i	94	D	9/10/2015
2015Q3	A5I0312-11	MW-18i	125	DP	9/10/2015
2015Q3	A5I0312-17	CM-MW-20i	94	DP	9/10/2015
2015Q3	A5I0784-01	CM-MW-27USA	49.5		9/22/2015
2015Q3	A5I0784-02	CM-MW-06s	26.5		9/23/2015
2015Q3	A5I0784-03	CM-MW-25s	21		9/23/2015
2015Q3	A5I0784-04	CM-MW-29USA	60.5		9/23/2015
2015Q3	A5I0784-05	CM-MW-29USA	100		9/23/2015
2015Q3	A5I0784-06	CM-MW-29USA	140.5		9/23/2015
2015Q3	A5I0784-07	CM-MW-29TGA	155		9/23/2015
2015Q3	A5I0784-08	CM-MW-07s	34		9/23/2015
2015Q3	A5I0784-09	CM-MW-07i	104		9/23/2015
2015Q3	A5I0789-01	CM-MW-01i	86		9/25/2015
2015Q3	A5I0789-02	CM-DPW-06	23		9/25/2015
2015Q3	A5I0789-03	CM-DPW-16	22.5		9/25/2015
2015Q3	A5I0789-04	CM-MW-15s	52		9/25/2015

QC Codes: TB = trip blank; D = field duplicate sample; DP = field duplicate parent sample; Q1, Q2, Q3, and Q4 = first, second, third, and fourth quarter sampling events, respectively.

Appendix D

Field Methods

APPENDIX D: FIELD METHODS

1. INTRODUCTION

This appendix presents the sample collection methods employed during the 2015 first, second and third quarter sampling events at the SMC and Cadet sites, Port of Vancouver. These field methods were included in the Work Plan for Remedial Investigation and Feasibility Study for the SMC site (Parametrix 1999). The methods have been revised as necessary to include any changes to sampling methods and/or protocols that occurred since the above work plan was prepared. These revised methods were followed for sampling conducted in 2015. The methods included the use of low-flow purging techniques using dedicated submersible bladder pumps or a peristaltic pump for groundwater sampling.

The standard operating procedures for groundwater sampling, personnel and equipment decontamination, and investigation-derived waste (IDW) handling are presented below.

2. LOW-FLOW GROUNDWATER SAMPLING WITH DEDICATED SUBMERSIBLE BLADDER PUMP

2.1 PURPOSE AND SCOPE

The objective of this section is to describe the method used to collect groundwater samples from monitoring wells with dedicated submersible bladder pumps. Low flow purging is used to reduce stress on the water column and minimize drawdown inside the well in order to limit alterations to the water chemistry and the mobilization of solids. Low stress purge rates should be from 0.2 to 0.5 liters per minute (L/min), with an overall drawdown of less than 0.1 meter (0.33 feet). Sampling should occur when the water column and other parameter measurements (based on the criteria listed below) have stabilized.

2.2 MATERIALS

The following materials are used during low stress groundwater sampling:

- Groundwater sampling field data sheets
- Water level meter
- Bladder pump controller
- High density polyethylene tubing
- Air compressor or nitrogen tank and regulator
- Power source (generator or field vehicle power outlet)
- Two graduated 5-gallon plastic buckets
- YSI multi-parameter water quality meter (pH, dissolved oxygen (DO), oxidation-reduction potential (ORP), specific conductance and temperature)
- Flow through cell for water quality meter
- Sample containers
- Sample labels

- Personal Protective Equipment (PPE)
- Decontamination supplies

2.3 SAMPLING PROCEDURE

- Open monitoring well monument, remove the protective plug from the well cap, and allow groundwater to stabilize by monitoring the groundwater level with the water level meter (groundwater has stabilized when fluctuations in the groundwater level are no longer observed). Once groundwater has stabilized, use the water level meter to measure and record depth to groundwater to the nearest 0.01 feet from the surveyed measuring point (typically a notch or ink mark on the north rim of the top of well casing).
- Calibrate all field meters according to manufacturers' specifications and record results on the field data sheet.
- Connect the air compressor (connected to power source) or nitrogen tank to the pump controller and the controller to the pump connection on the wellhead.
- Connect polyethylene tubing to the pump effluent line on the wellhead. Run the tubing from the effluent line to the flow through cell containing the water quality probes. Direct overflow from the flow through cell into the graduated 5-gallon bucket.
- Start compressor or open nitrogen tank control valve and begin purging; control flow via the pump controller.
- Adjust pump controller to achieve minimum drawdown (less than 0.33 feet) and optimum groundwater flow rate (0.2 to 0.5 L/min). Record depth to groundwater measurements on the field data sheet every 3 to 5 minutes.
- Collect and record water quality indicator parameters every 3 to 5 minutes. The water quality indicators include: dissolved oxygen, specific conductance, pH, oxidation-reduction potential, and temperature. Groundwater is considered stable and representative of groundwater in the formation when three consecutive water-quality indicator readings are within the following criteria:

Groundwater Quality Parameters	**Stabilization Criteria**
pH	+/- 0.1 pH units
Specific conductance	+/- 3% S/cm
Oxidation-reduction potential	+/- 10 millivolts
Dissolved oxygen	+/- 0.05 mg/L for values < 1 mg/L +/- 0.2 mg/L for values > 1 mg/L

- Once the groundwater quality parameter stabilization criteria are met, sample collection can take place. Collect sample from the effluent line of the wellhead, not from the discharge of the flow-through cell. If necessary, collect duplicate sample immediately after primary sample collection is complete, following the same procedures for both samples.
- After sampling is complete, disconnect the air compressor or nitrogen tank from the pump controller and the pump controller from the well. The polyethylene tubing

connecting the pump effluent line on the wellhead should also be removed and discarded or decontaminated, unless dedicated to the well. Tubing dedicated to the well will be left in place. Reinstall protective plug in the well cap and replace monument cover.

- Record on the sample label the sample date and time, client name, sample identification (ID), and requested analysis, and attach the label to the sample container. The sample IDs should be consistent with previous sampling events and as they are reported on the tables included in annual monitoring reports. For example, well CM-MW-01d-060.5 should be labeled as such on the sample container; do not use "shortcut" labeling such as eliminating the .5 at the end of the ID. POV wells should be labeled MW-01, MW-02, etc. Also, trip blank labels and duplicate labels should be consistent between samplers. For example, trip blanks should be labeled as TB-01, TB-02, TB-03, etc. Duplicates should be labeled as POV-FD-mmddyy for SMC wells and CM-FD-mmddyy for Cadet wells (e.g. POV-FD-092715 or CM-FD-092415).
- Record on the field data sheet the project name and number, sample ID, sample date and time, weather conditions, personnel on site, any problems or corrective actions, and any other information that will allow reconstruction of pertinent field activities. Field data sheets should clearly indicate which samples include duplicates.
- Record the sample ID exactly as it is listed on the sample container, date, time, and desired analysis on the chain-of-custody form. Duplicate sample times should be recorded as 0000 on the chain-of-custody as well as on the sample label.
- Place the samples into a cooler with ice, along with the completed chain-of-custody form (place the custody form in a plastic bag for protection against melt water). Place packing materials around the samples if needed to ensure that breakage will not occur during shipping. A commercial carrier (e.g., FedEx, UPS, etc.) or a courier from the project laboratory will pick up and transport the cooler to the project analytical laboratory under chain-of-custody procedures.

3. LOW-FLOW GROUNDWATER SAMPLING WITH PERISTALTIC PUMP

3.1 PURPOSE AND SCOPE

The objective of this section is to describe the method used to collect groundwater samples from monitoring wells with a peristaltic pump. Low flow purging is used to reduce stress on the water column and minimize drawdown inside the well in order to limit alterations to the water chemistry and the mobilization of solids. Low stress purge rates should be from 0.2 to 0.5 liters per minute (L/min), with an overall drawdown of less than 0.1 meter (0.33 feet). Sampling should occur when the water column and other parameter measurements (based on the criteria listed below) have stabilized.

3.2 MATERIALS

The following materials are used during low stress groundwater sampling:

- Groundwater field data sheet
- Water level meter

- Peristaltic pump
- 0.25-inch (OD) polyethylene tubing
- Generator or other power source for pump
- Two graduated 5-gallon plastic buckets
- YSI multi-parameter water quality meter (pH, dissolved oxygen (DO), oxidation-reduction potential (ORP), specific conductance and temperature)
- Flow through cell for water quality meter
- Sample containers
- Sample labels
- PPE
- Decontamination supplies

3.3 SAMPLING PROCEDURES

- Open monitoring well monument, remove the protective plug from the well cap, and allow groundwater to stabilize by monitoring the groundwater level with the water level meter (groundwater has stabilized when fluctuations in the groundwater level are no longer observed). Once groundwater has stabilized, use the water level meter to measure and record depth to groundwater to the nearest 0.01 feet from the surveyed measuring point (typically a notch or ink mark on the north rim of the top of well casing).
- Calibrate all field meters according to manufacturers' specifications and record results on the field data sheet.
- Connect the peristaltic pump to the generator or other power source.
- Connect polyethylene tubing to the flexible tubing which is placed in the pumphead. Run the effluent end of the tubing to the flow through cell containing the water quality probes. Direct overflow from the flow through cell into the graduated 5-gallon bucket.
- Start generator or activate power source and begin purging.
- Adjust flow control knob on the pump to achieve minimum drawdown (less than 0.33 feet) and optimum groundwater flow rate (0.2 to 0.5 L/min). Record depth to groundwater measurements on the field data sheet every 3 to 5 minutes.
- Collect and record water quality indicator parameters every 3 to 5 minutes. The water quality indicators include: dissolved oxygen, specific conductance, pH, oxidation-reduction potential, and temperature. Groundwater is considered stable and representative of groundwater in the formation when three consecutive water-quality indicator readings are within the following criteria:

Groundwater Quality Parameters	**Stabilization Criteria**
pH	+/- 0.1 pH units
Specific conductance	+/- 3% S/cm
Oxidation-reduction potential	+/- 10 millivolts
Dissolved oxygen	+/- 0.05 mg/L for values < 1 mg/L +/- 0.2 mg/L for values > 1 mg/L

- Once the groundwater quality parameter stabilization criteria are met, sample collection can take place. Collect sample from the tubing routed through the peristaltic pump, not from the discharge of the flow-through cell. Reduce flow rate before sampling to minimize possibility of volatilization of dissolved VOCs before sampling. If necessary, collect duplicate sample immediately after primary sample collection is complete, following the same procedures for both samples.
- After sampling is completed, disconnect the generator or other power source from the pump and remove the tubing (if not dedicated) from the well and discard. Tubing dedicated to the well should be stored in a plastic bag for future use. The polyethylene tubing connecting the pump effluent line on the wellhead should also be removed and discarded. Reinstall protective plug in the well cap and replace monument cover.
- Record on the sample label the sample date and time, client name, sample ID, and requested analysis, and attach the label to the sample container. The sample IDs should be consistent with previous sampling events and as they are reported on the tables included in annual monitoring reports. For example, well CM-MW-01d-060.5 should be labeled as such on the sample container; do not use "shortcut" labeling such as eliminating the .5 at the end of the ID. POV wells should be labeled MW-01, MW-02, etc. Also, trip blank labels and duplicate labels should be consistent between samplers. For example, trip blanks should be labeled as TB-01, TB-02, TB-03, etc. Duplicates should be labeled as POV-FD-mmddyy for SMC wells and CM-FD-mmddyy for Cadet wells (e.g. POV-FD-092715 or CM-FD-092415).
- Record on the field data sheet the project name and number, sample ID, sample date and time, weather conditions, personnel on site, any problems or corrective actions, and any other information that will allow reconstruction of pertinent field activities. Field data sheets should clearly indicate which samples include duplicates.
- Record the sample ID exactly as it is listed on the sample container, date, time, and desired analysis on the chain-of-custody form. Duplicate sample times should be recorded as 0000 on the chain-of-custody as well as on the sample label.
- Place the samples into a cooler with ice, along with the completed chain-of-custody form (place the custody form in a plastic bag for protection against melt water). Place packing materials around the samples if needed to ensure that breakage will not occur during shipping. A commercial carrier (e.g., FedEx, UPS, etc.) or courier from the project laboratory will pick up and transport the cooler to the project analytical laboratory under chain-of-custody procedures.

4. DECONTAMINATION

4.1 PURPOSE

This section provides personnel and equipment decontamination procedures that are to be followed during field activities.

4.2 SCOPE

Decontamination is the process of removing or neutralizing contaminants that have accumulated on personnel and/or equipment at hazardous waste sites. Decontamination is required to protect personnel from the potential effects of hazardous substances and to minimize the spread of those substances. Decontamination methods include physical removal of contaminants, detoxification, and disinfection/sterilization.

This section describes decontamination responsibilities and procedures to be implemented at hazardous and non-hazardous waste sites. The procedures outlined are to be followed by all personnel who participate in site activities in areas that may contain hazardous or non-hazardous substances. The scenarios of decontamination procedures presented here will not necessarily be appropriate for a given site. As part of the Site-Specific Health and Safety Plan (HSP), project procedures may be prepared that focus on site-specific conditions that incorporate the appropriate procedures.

These procedures apply in their entirety to all Parametrix projects unless the Corporate Health and Safety Manager (CHSO) grants a variance. Modifications to these procedures may be appropriate on a project-specific basis.

4.3 RESPONSIBILITIES

There are specific responsibilities for Parametrix personnel to comply with the required decontamination procedures, depending on an individual's role within the company or on a given project. These responsibilities are outlined below:

- **Site-Specific Health and Safety Officer:** The Site-Specific Health and Safety Officer (SHSO) is responsible for maintaining and enforcing the project decontamination program. HSP decontamination procedures for all projects shall be reviewed and authorized by the CHSO. All modifications and/or changes must be noted in the field logbook, documented as HSP revisions, and initiated by all field personnel.
- **Site Manager:** The Site Manager is responsible for assuring that all site personnel become familiar with and follow the decontamination procedures described in this document or in the Site-Specific HSP.

4.4 PERSONNEL DECONTAMINATION PROCEDURES

Contamination avoidance is the best way to prevent the spread of contaminants. Minimize direct contact with contaminants by not leaning against objects, and not kneeling or sitting on the ground; through the use of remote sample-handling and container-opening techniques, wherever appropriate; and through the use of disposable equipment, wherever appropriate.

4.4.1 Decontamination Program Planning

The SHSO shall research the background information on a particular site when planning decontamination procedures for the fieldwork at that site. The physical, chemical, toxicological, and pathogenic properties (if any), as well as the amounts and concentrations of each contaminant present at the site, are the determining factors in selecting the levels of protection for personnel and the extent of decontamination required. Sources of information for the characterization of hazardous or non-hazardous waste sites include site records, state and federal agency files, and interviews with knowledgeable people. Hazardous and toxicological references, industrial process references, and manufacturers' handbooks are also good sources of information. Topography, local meteorological conditions (most probable wind direction, rainfall, etc.), and other site-specific features, are factors to consider in defining decontamination measures.

4.4.2 Decontamination Station Layout

When site conditions require, a dedicated area shall be established as a decontamination station. The decontamination station shall be located upwind of the Exclusion Zone. This is especially important when airborne contaminants are detected at above-background levels, or when such a potential exists. This is to prevent the airborne contamination of the Contamination Reduction Zone (CRZ) and the Support Zone. Exclusion, CRZ, and Support zones are defined as follows:

- **Exclusion Zone:** The zone encompassing the contaminated area that must be large enough to prevent the spread of contaminants beyond its boundaries. The extent of the Exclusion Zone will depend on:
  - Toxicity of the contaminants.
  - Physical form of the contaminants (solid, liquid, or gas).
  - Amounts and concentrations of the contaminants.
  - Fire and explosive potential of contamination.
  - Site-specific conditions such as topography and meteorology, and potential and active migration pathways to air, water, and soil.
- **Contamination Reduction Zone:** The area between the Exclusion and Support Zones where contamination is controlled and/or removed. A contamination reduction corridor is an area within the CRZ that is the point of entry and exit for personnel to and from the Exclusion Zone.
- **Support Area:** The Support Area is separated from the CRZ by the contamination control line (CCL). The Support Area must be free from all contamination at all times.

The boundaries of the decontamination station should be clearly visible to all field personnel. The decontamination line should be set up along a straight line to facilitate identification of each station in the decontamination process. Movements to and from the exclusion zone will only be via the decontamination corridor.

Site-specific conditions to consider when locating the decontamination station are the location(s) of field investigation activities, accessibility to site personnel, and site terrain and safety. The decontamination station should be moved if site investigation activities are moved significantly.

The SHSO will determine if gross contamination has spread beyond the Exclusion Zone if wind direction changes (when airborne contaminants are suspected), inclement weather develops, or other site-specific factors arise.

Multiple decontamination stations may be deemed necessary by the SHSO, depending on the particular project.

Decontamination equipment, materials, and supplies are generally selected on the basis of availability and compatibility with contaminants encountered. Other considerations include ease of equipment decontamination, disposability, and site-specific requirements. Recommended equipment for a decontamination station includes the following:

- Plastic sheeting, or other suitable materials, on which the decontamination tubs, clean equipment, and contaminated equipment can be set down.
- Long-handled, soft-bristled wire or other scrub brushes to help scrub off contaminants.
- Large plastic or steel tubs or other suitable tubs. These should be large enough for a worker to step in.
- Paper towels for drying protective clothing and equipment.
- DOT-approved drums with lids for contaminated wash and rinse solutions, for contaminated disposal items, and for trash cans.
- Washcloths, soap, and towels for hand rinse.
- Pressurized spray cans for deionized/distilled water.
- Portable shower facilities for full-body wash (if needed).
- Folding chairs and tables.
- Pocketknife.
- Stakes and rope for marking the hot zone limits.
- First aid kit.
- Decontamination solutions and detergents.
- Distilled and deionized water. Potable tap water for decontamination.

4.4.3 Decontamination Solutions

Personnel will generally use household soap and water. The detergents Alconox® or Liqui-Nox® and water are the preferred surfactants for most decontamination procedures relating to equipment. Selection of specific solvents and decontamination solutions are to be defined in the site work plan.

The effectiveness of decontamination solutions will be continuously verified. Visual observations of discoloration, stains, and arid substances adhering to objects, are indications that the decontamination solution is not effective in removing contamination. Decontamination solutions must be replenished frequently with use to ensure their continued effectiveness.

The quality of rinse water used in the decontamination process shall be verified. A distilled/deionized rinse is the final step in the decontamination of equipment and in removing all traces of contaminants.

4.4.4 Personnel Decontamination

Personnel decontamination procedures depend on the level of personal protection worn by the field crew, as required by the Site-Specific Health and Safety Plan, and upon the degree of contamination the crew members experience. The objective of personal decontamination is to protect the health of all crewmembers and to prevent the spread of contamination from the site. Therefore, the following procedures should be extended and modified by the SHSO until all field personnel are satisfied that complete decontamination has been accomplished. In the event of an emergency, the SHSO may decide to curtail these decontamination procedures to evacuate the site or initiate first aid.

- **Level B Decontamination:** Level B personal protection equipment (PPE) includes chemical-resistant disposable coveralls, self-contained breathing apparatus (SCBA), hardhat, steel-toe/shank boots, boot covers, and inner and outer gloves. Level B decontamination procedures also can be divided into four sublevels: (1) highly-contaminated personnel exiting the Exclusion Zone, (2) minimally-contaminated personnel exiting the Exclusion Zone, (3) highly-contaminated personnel crossing the hot line to exchange SCBA tanks, and (4) minimally-contaminated personnel crossing the hot line to exchange SCBA tanks. These distinctions are noted in the decontamination station descriptions below.
    - Station 1 – Segregated Equipment Drop (All Sublevels): Before crossing the hot line, personnel returning from the field must deposit all equipment and/or sample bottles in segregated areas on plastic sheeting. Highly contaminated equipment, such as samplers and sample containers, are kept separate from minimally contaminated and difficult-to-clean equipment, such as air monitoring equipment.
    - Station 2 – Boot Cover and Outer Glove Wash, Rinse, and Removal: Personnel must step into a washtub containing a detergent solution. Boot covers and outer gloves are scrubbed with a long-handled, soft-bristled brush. All surfaces of the boots and gloves are washed, including boot soles and duct tape used to seal covers and gloves to coverall. Boot covers, including soles and outer gloves, are rinsed with a long-handled, soft-bristled brush. Tape is removed from boot covers and outer gloves and deposited into a plastic-lined disposal drum. Boot covers and outer gloves are removed and deposited into a plastic-lined disposal drum. A knife may be used to aid in the removal of tight fitting boot covers.
    - Station 3 – Coverall, SCBA, and Safety Boot Wash and Rinse: At this station, all exposed surfaces of PPE are washed with the detergent solution. Personnel must step into a washtub containing a detergent solution. All gear is scrubbed with a long-handled, soft-bristled brush. All surfaces of gear should be scrubbed, including boot soles, until visible contamination is removed. All exposed surfaces of PPE are rinsed to remove detergent.
    - Personnel must step into a washtub containing tap water. All gear is rinsed with a long-handled, soft-bristled brush. Pressure sprayers containing tap water may be used to aid in rinsing.
    - Station 4 – Safety Boot, SCBA Backpack and Chemically Resistant Overall Removal: Boots must be removed and set on plastic sheeting. While still wearing the face-piece, the SCBA backpack is removed and set on a chair or table. The air supply hose is disconnected from the regulator valve.

Chemically resistant overalls are removed and disposed to a plastic-lined disposal drum.

- Station 5 – Inner Glove Wash and Rinse and SCBA Face Piece Removal: Inner gloves are scrubbed by rubbing hands together with a detergent solution then rinsed in tap water. The SCBA face-piece is removed without touching inner gloves to face, and then deposited on plastic sheeting.
- Station 6 – Inner Glove Removal: Inner gloves are removed and disposed to a plastic-lined disposal drum.
- Station 7 – Field Wash/Field Shower: Hands and face are washed with hand soap, then rinsed and dried with paper towels. If highly toxic, skin-corrosive, or skin-absorbable materials are at the site, shower entire body.

- **Level C Decontamination:** Level C personal protection includes chemical-resistant disposable coverall, APR, hardhat, steel toe/shank boots, boot covers, and inner and outer gloves. Depending on exposure hazards, boot covers and outer gloves may not be required, and Tyvek® coveralls may be substituted for chemical-resistant coveralls. Station decontamination activities include the following:
  - Station 1 – Segregated Equipment Drop: Before crossing the hot line, personnel returning from the field must deposit all equipment and/or sample bottles in segregated areas on plastic sheeting. Highly contaminated equipment, such as samplers and sample containers, are kept separate from minimally contaminated and difficult-to-clean equipment, such as air monitoring equipment.
  - Station 2 – Boot Covers and Outer Glove Wash, Rinse, and Removal: Personnel must step into a washtub containing a detergent solution. Boot covers and outer gloves are scrubbed with a long-handled, soft-bristled brush. All surfaces of the boots and gloves are washed including boot soles and duct tape used to seal covers and gloves to coveralls.
  - Personnel must step into a washtub containing tap water. Boot covers, including bottoms and outer gloves, are rinsed with long-handled, soft-bristled brush. Tape that seals boot covers and outer gloves is removed and deposited into a plastic-lined disposal drum. Boot covers and outer gloves are removed and deposited into a plastic-lined disposal drum. A knife may be used to aid in the removal of tight fitting boot covers.
  - Station 3 – Safety Boots and Coverall Wash, Rinse, and Removal: Personnel must step into washtub containing detergent solution. Boots are scrubbed with a long-handled, soft-bristled brush. If leather safety boots are worn, the soles are scrubbed and the upper surfaces are wiped with a paper towel dipped in detergent solution. If waterproof coveralls are worn, they are scrubbed also. All surfaces of gear, including boot soles, are scrubbed until visible contamination is removed.
  - Personnel must step into washtub containing tap water. Boots and coveralls are rinsed with a long-handled, soft-bristled brush. Boots are removed and set on plastic sheeting. Coveralls are removed and disposed to a plastic-lined disposal drum.

  - Station 4 – Inner Glove Wash and Rinse: Inner gloves are scrubbed by rubbing hands together with a detergent solution. Finish with a rinse in tap water.
  - Station 5 – APR and Inner Glove Removal: The APR is removed without touching inner gloves to face, and then deposited on plastic sheeting. Inner gloves are removed and disposed to a plastic-lined disposal drum.

- **Level D Decontamination:** Level D is the lowest level of personal protection and is worn when exposure to contaminants is not expected. Level D personal protection includes hardhat and steel toe/shank leather boots. Depending on the anticipated activities, Level D may also include Tyvek® coveralls and gloves. Station decontamination activities include the following:
  - Station 1 – Segregated Equipment Drop: Personnel returning from the field must deposit all equipment and/or sample bottles in segregated areas on plastic sheeting. Highly contaminated equipment, such as samplers and sample containers, are kept separate from minimally contaminated and difficult-to-clean equipment, such as air-monitoring meters.
  - Station 2 – Safety Boot Wash, Rinse, and Removal: Boot soles must be scrubbed with a long-handled, soft-bristled brush. All surfaces of gear, including boot soles, must be scrubbed until visible contamination is removed. Boot soles are rinsed with tap water using a long-handled, soft-bristled brush. Boots are removed and placed on plastic sheeting.
  - Station 3 – Coveralls Removal (if needed): If worn, remove coveralls and dispose to a plastic-lined disposal drum.
  - Station 4 – Glove Wash, Rinse, and Removal (if needed): If worn, inner gloves are scrubbed by rubbing hands together with a detergent solution. Finish with a rinse in tap water. Gloves are removed and disposed to a plastic-lined disposal drum.

4.4.4.1 Priorities of Worker Decontamination

The following members of the work team returning from the Exclusion Zone shall have priority over others when being decontaminated.

- A worker who is in need of first aid, or is in physical discomfort.
- A worker who is low on air or whose SCBA is malfunctioning.
- A worker who has been highly contaminated.
- A worker who did the major part of physical activity required on site.

It is the responsibility of the SHSO to decide which workers receive priority.

4.4.4.2 Emergency Decontamination

In an emergency, the primary concern shall be to prevent the loss of life or severe injury to personnel. If immediate administration of medical treatment is required to prevent further deterioration of health, then decontamination may be eliminated, modified, or performed later when the worker's condition is stabilized. The SHSO and the team leader must weigh the consequences of delaying, modifying, or eliminating decontamination against the consequences of delaying treatment, before making a decision on a case-by-case basis.

First aid equipment shall be readily available in the Support Area and as specified in the Site-Specific HSP. At least one response team member shall be trained in first aid and CPR.

Arrangements shall be made to advise medical personnel on the nature of contaminants to which the patient was exposed and the extent of decontamination. In some cases, the SHSO will need to contact nearby emergency response medical facilities in advance to alert them of the possibility of a problem. This will help the medical facility to prepare for the specific sort of health care that may be required in an emergency.

4.4.4.3 Cold Weather Decontamination

In freezing temperatures, a small quantity of ethanol can be added to the washtubs containing decontamination and tap water to prevent freezing. Deionized water and distilled water containers shall be kept warm in the heated van or car for use when needed. Orchard sprayers shall also be kept in a warm place when not in use.

4.5 EQUIPMENT DECONTAMINATION PROCEDURES

4.5.1 Protection of Monitoring Equipment

All equipment and monitoring instruments shall be protected from contamination while in use by wrapping them in clean plastic bags and sealing them with tape.

4.5.2 Heavy Equipment

Heavy equipment like bulldozers, trucks, and drilling equipment are difficult to decontaminate. Decontamination shall consist of either steam cleaning or washing with suitable detergent solutions and then with water under high pressure. Decontamination equipment that may be needed include long-handled brushes, pressurized sprayers, curtains and enclosures to contain splashes from pressurized sprayers, and wire brushes. A decontamination pad lined with heavy-duty plastic sheeting may be needed for the decontamination of heavy equipment.

4.5.3 Tools/Sampling Equipment

Disposable tools shall be used wherever possible. Typically, decontamination of tools will include brushing with decontamination solution followed by tap water. This procedure shall be followed by spraying with distilled water and then deionized water. The tools shall be segregated and wrapped in clean plastic bags and taped securely.

Decontamination of sampling equipment such as split spoons, stainless steel buckets, and filtration transfer vessels shall be in accordance with the following steps:

- Set up clean tubs or buckets to collect wash and rinse solutions.
- Scrub item with Alconox or Liquinox and water until visually clean. Use Liquinox when phosphate is an analytical parameter.
- Rinse with tap water.
- Rinse with distilled or deionized water, the variety that can be found in any grocery store. A garden sprayer or squirt bottle may be used.

4.6 LEVEL OF PROTECTION OF DECONTAMINATION TEAM

Decontamination workers who initially come into contact with personnel and equipment returning from the Exclusion Zone shall be required to wear the same level of protection as the returning team, or one level lower. The level of protection for decontamination workers can be progressively decreased, without compromising worker safety, the farther away the stations are located from the hot line. The SHSO shall determine the level of protection required for the decontamination team.

4.7 INVESTIGATION-DERIVED WASTE

SOP HS-006 contains more details on disposal of decontamination solutions and other decontaminated items such as paper towels and Tyvek. Typically, the washtubs containing decontamination solution and rinse water shall be emptied into DOT-approved drums. The washtubs shall be sprayed with decontamination solution and tap water, and then also emptied into the drums. All solid waste shall be double-bagged and disposed of in drums. The drums shall be securely fastened and labeled as "decontamination water" or "solid waste." Include the name of the site, the date, the company name, and the level of fullness on the drum label. The Port of Vancouver is responsible for the final disposal of investigation-derived waste at the project site.

5. REFERENCES

Parametrix. 1999. Work Plan for Remedial Investigation and Feasibility Study, Former Building 2220 Site (a.k.a. Swan Manufacturing Company Site), prepared for Port of Vancouver. June 1999.

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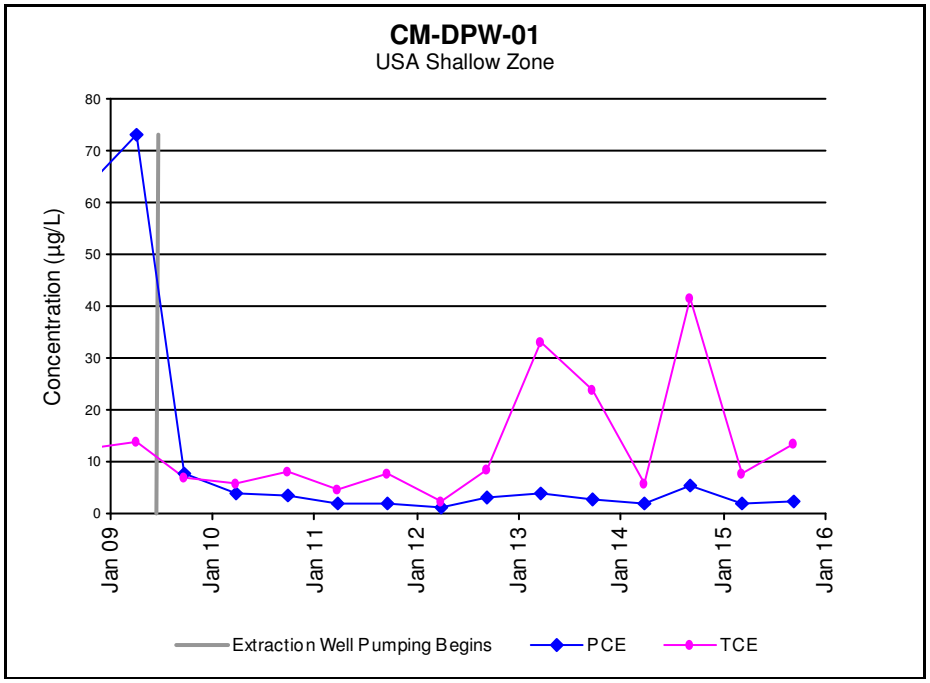
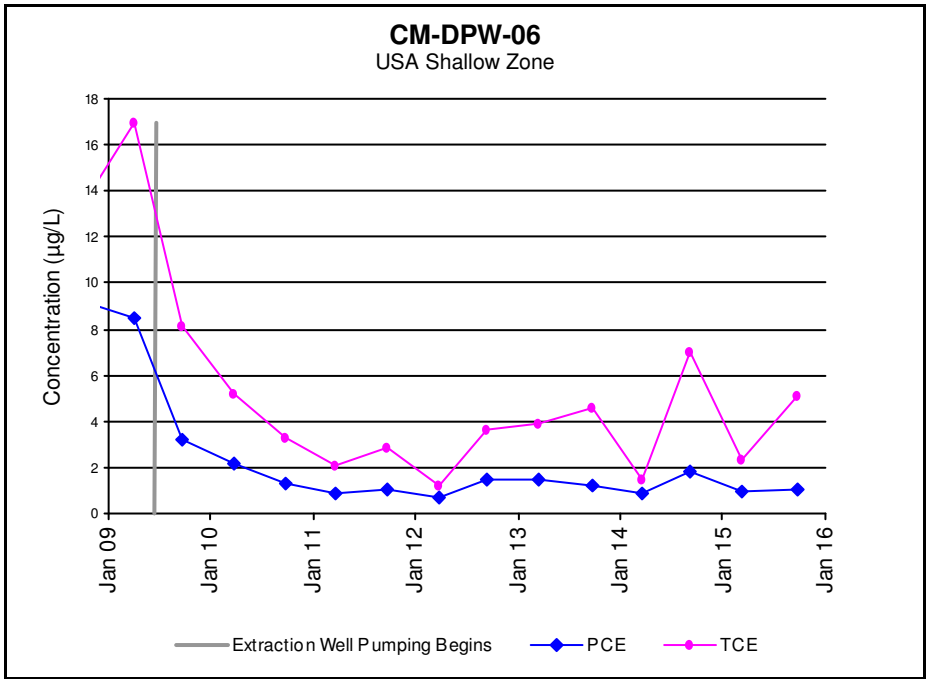
Appendix E

Individual Well TCE/PCE Concentration Trend Charts


CM-DPW-01
USA Shallow Zone
Concentration (µg/L)
80
70
60
50
40
30
20
10
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE


CM-DPW-06
USA Shallow Zone
Concentration (µg/L)
18
16
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
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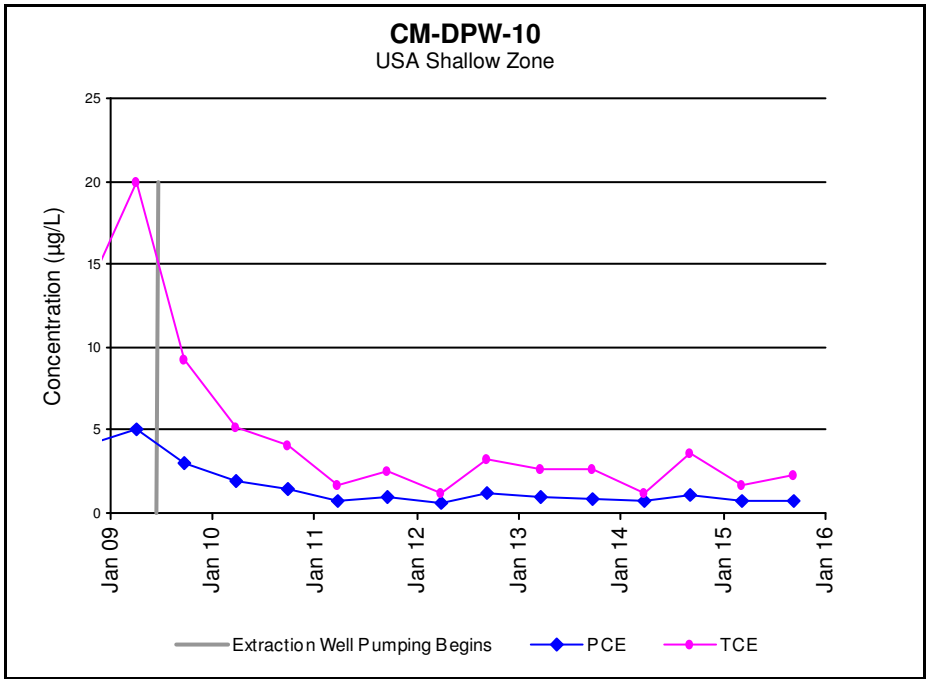
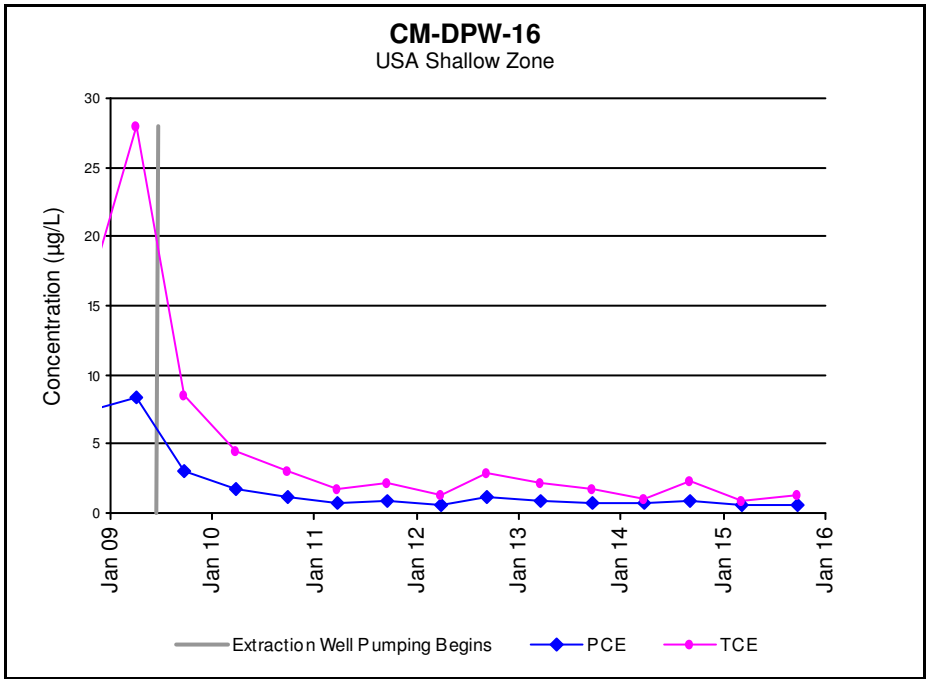
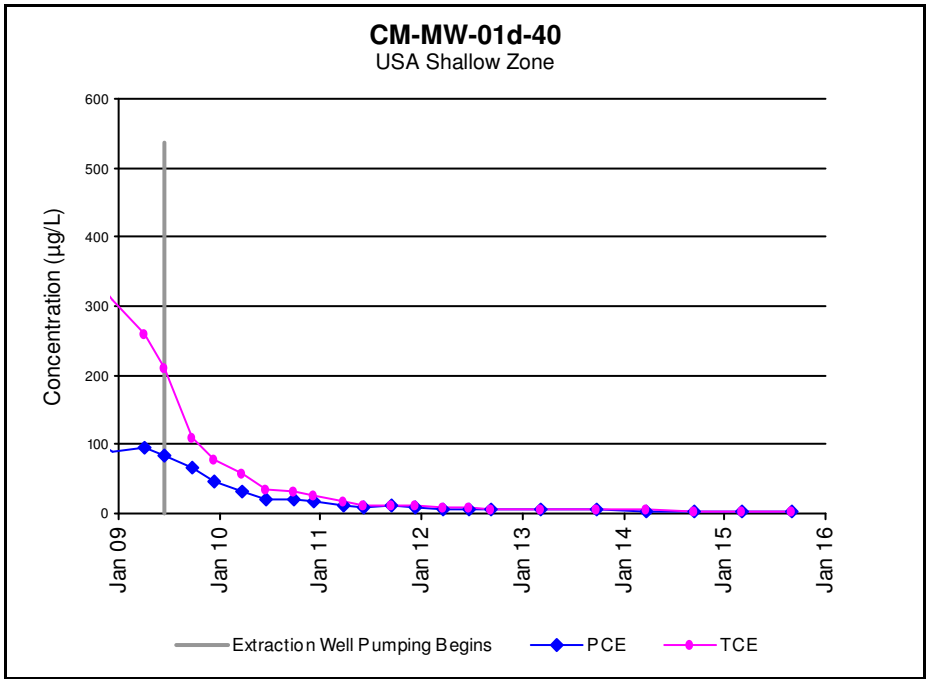
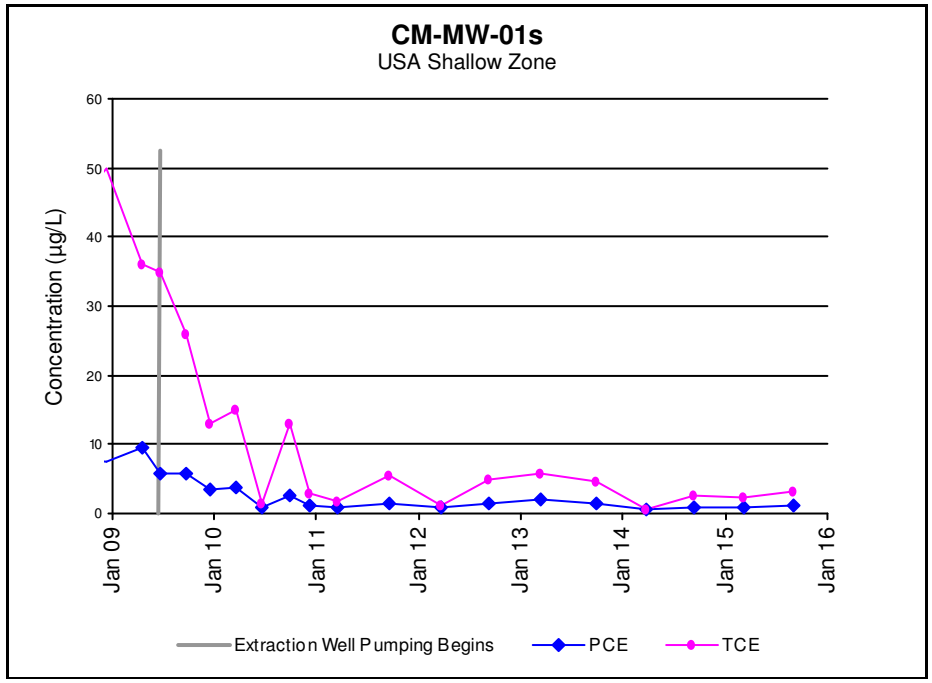
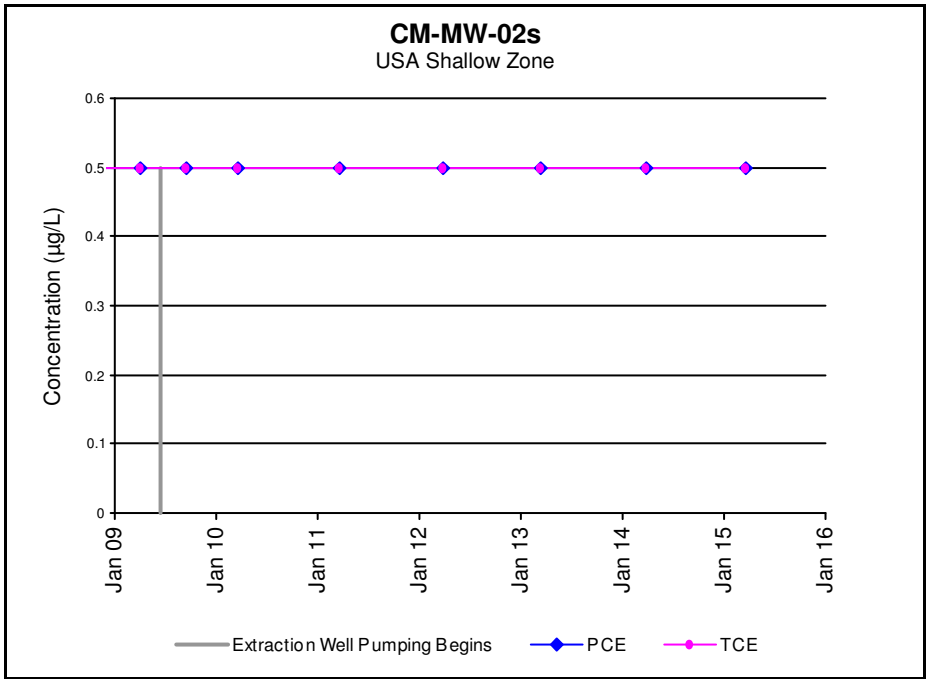
Extraction Well Pumping Begins
PCE
TCE

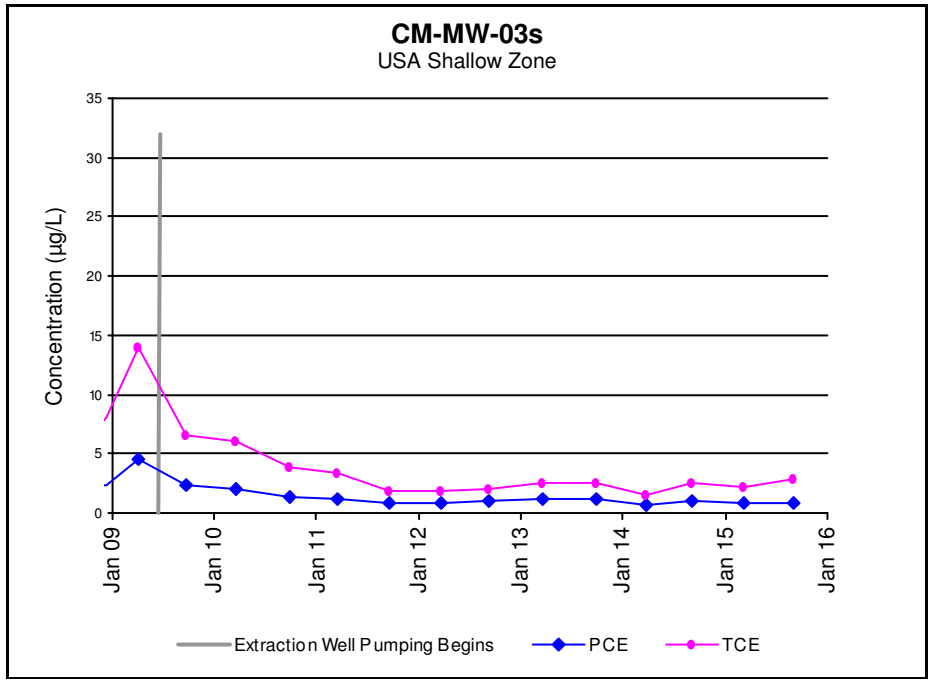

CM-DPW-10
USA Shallow Zone
Concentration (µg/L)
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

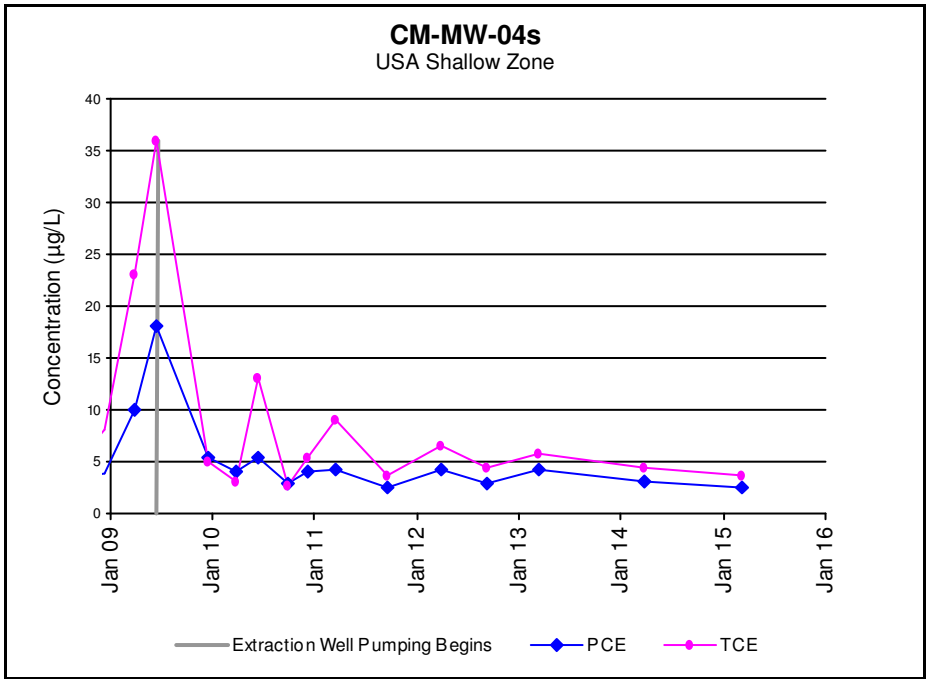

CM-DPW-16
USA Shallow Zone
Concentration (µg/L)
30
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

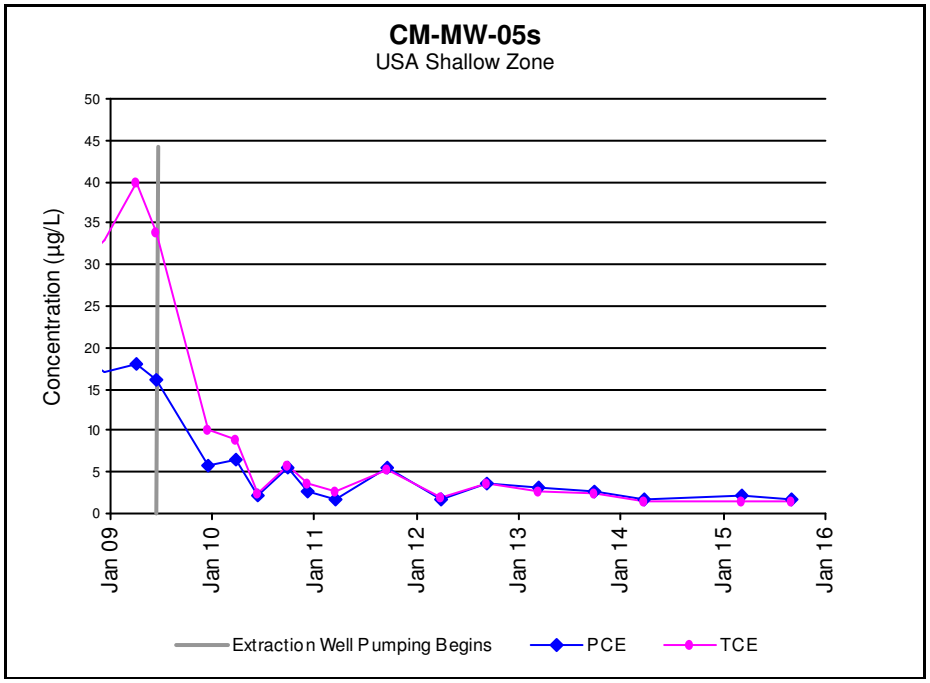

CM-MW-01d-40
USA Shallow Zone
Concentration (µg/L)
600
500
400
300
200
100
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

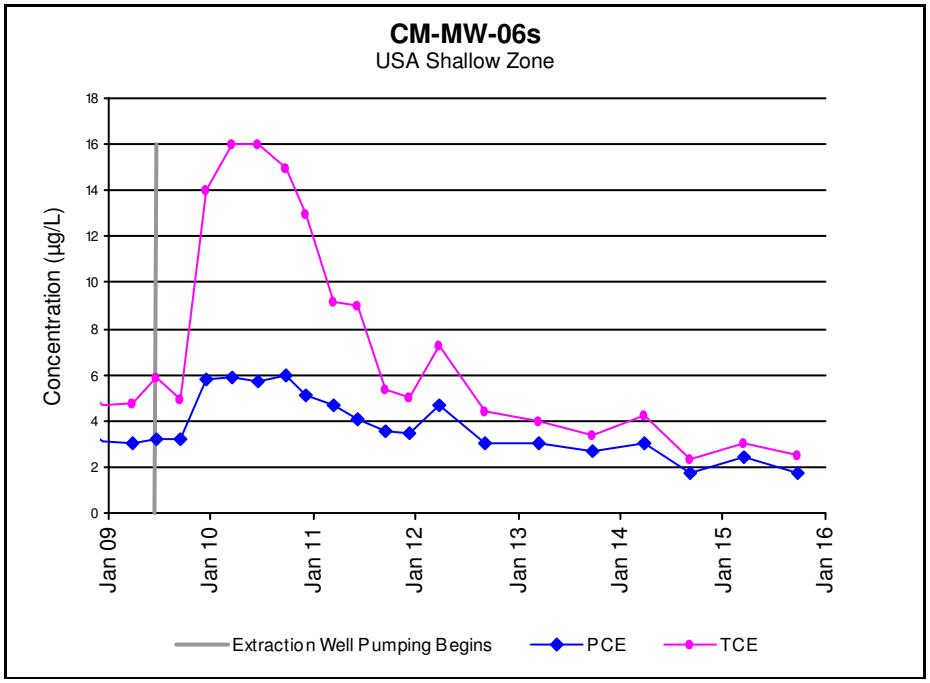

CM-MW-01s
USA Shallow Zone
Concentration (µg/L)
60
50
40
30
20
10
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

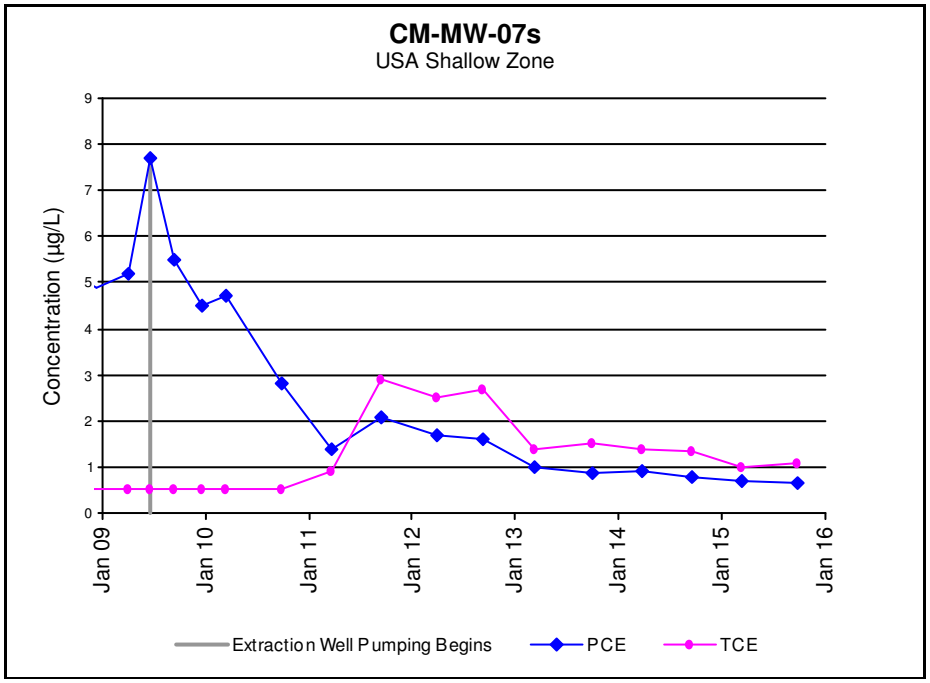

CM-MW-02s
USA Shallow Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

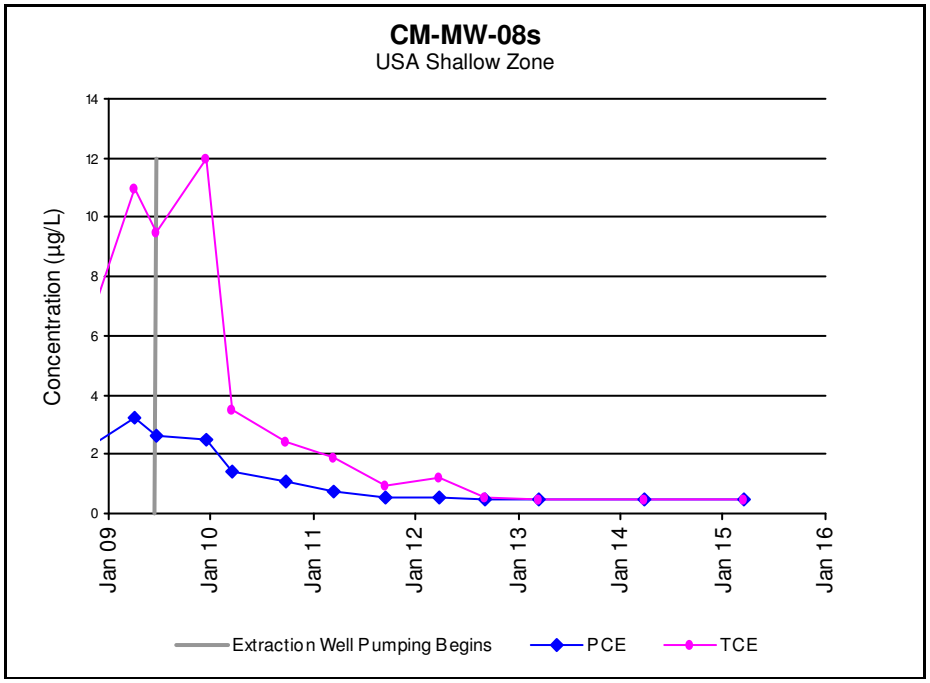

CM-MW-03s
USA Shallow Zone
Concentration (µg/L)
35
30
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

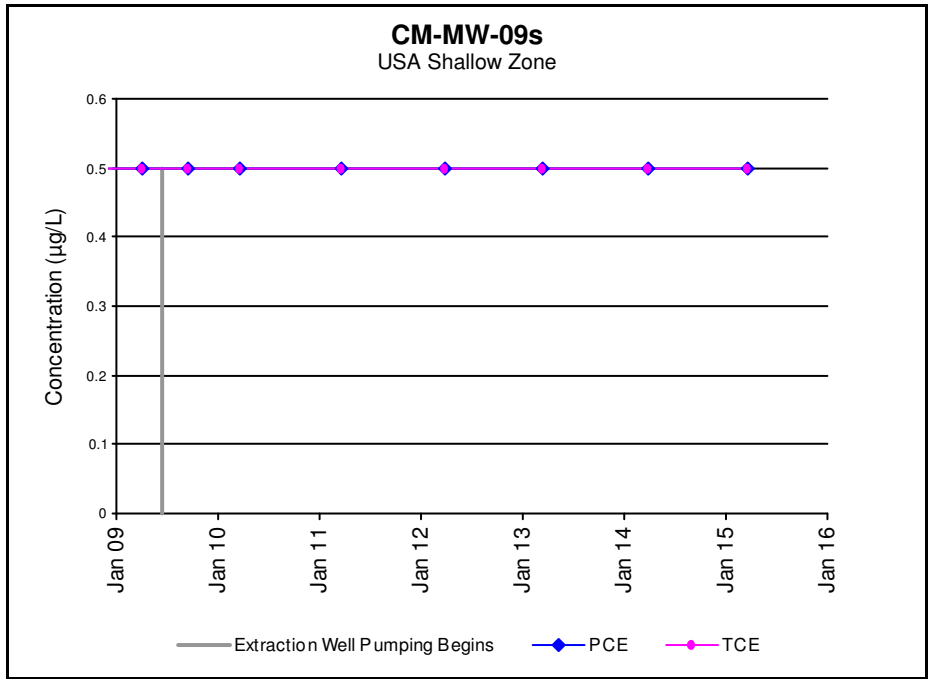

CM-MW-04s
USA Shallow Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

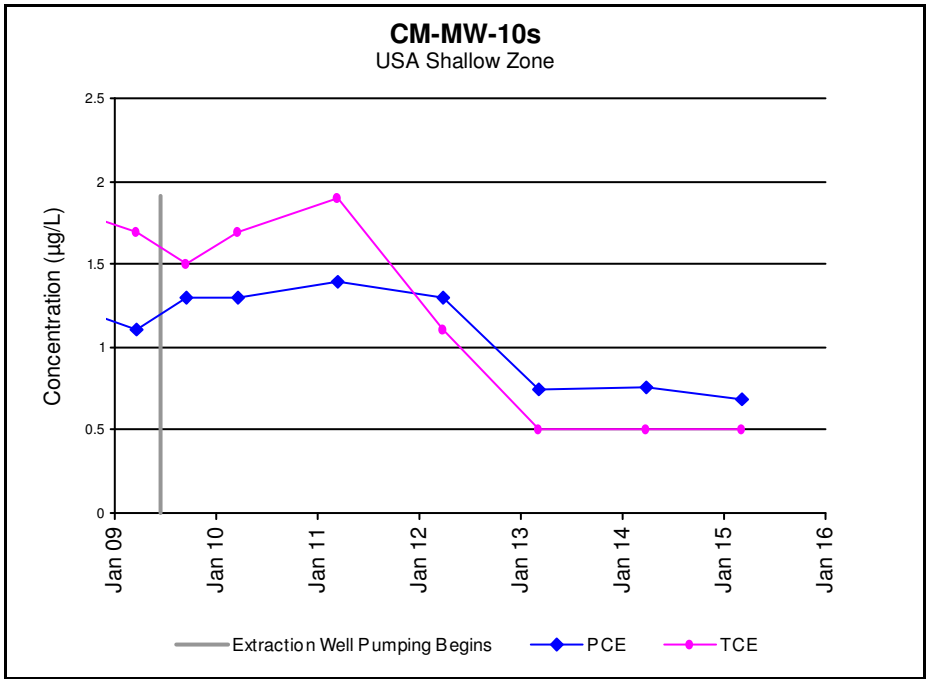

CM-MW-05s
USA Shallow Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
45
50
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

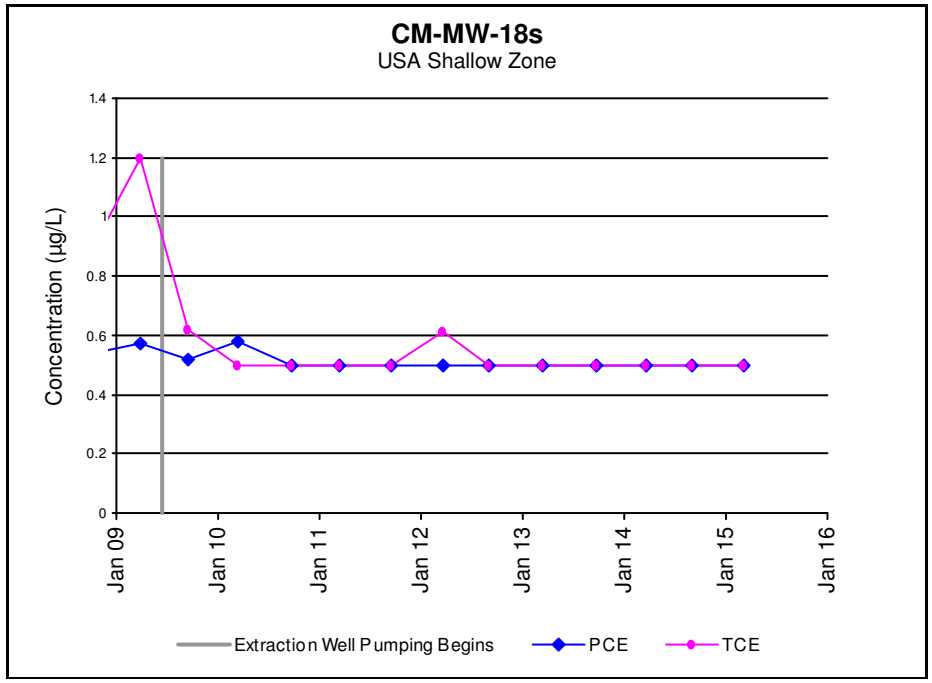

CM-MW-06s
USA Shallow Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
18
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

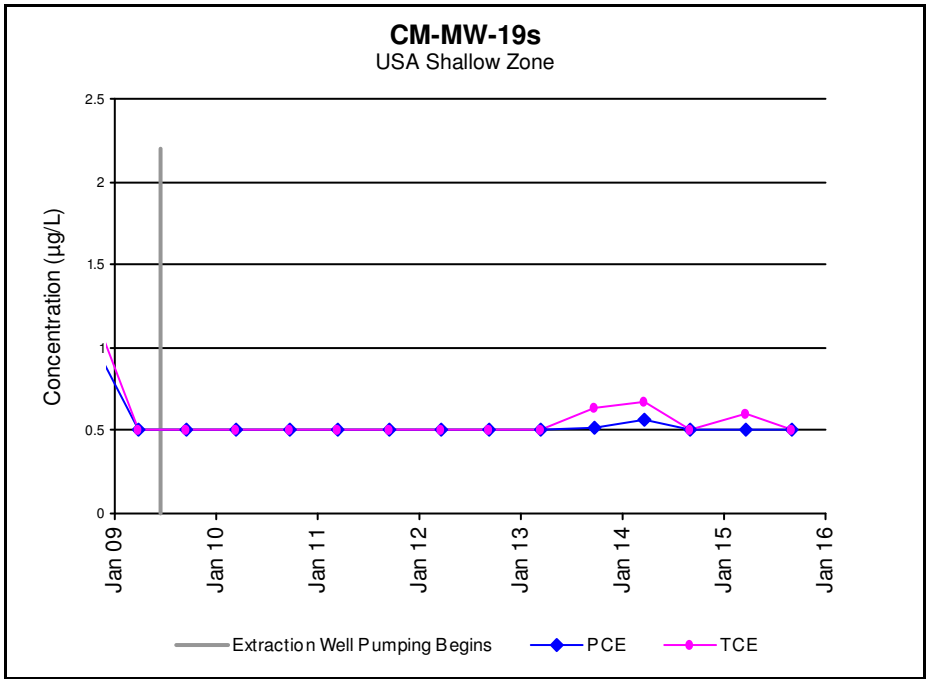

CM-MW-07s
USA Shallow Zone
Concentration (µg/L)
0
1
2
3
4
5
6
7
8
9
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

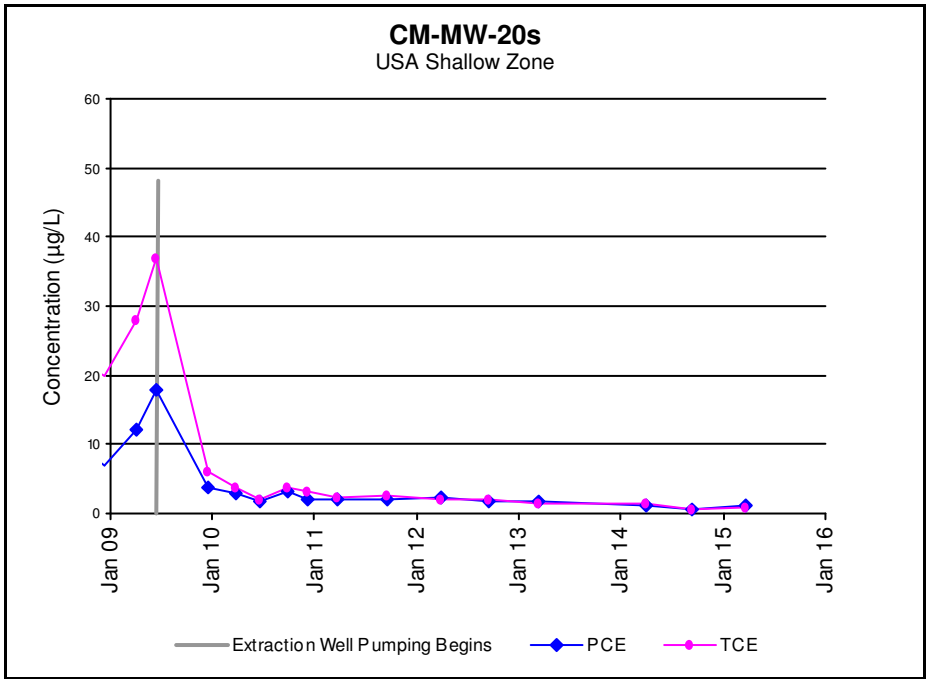

CM-MW-08s
USA Shallow Zone
Concentration (µg/L)
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

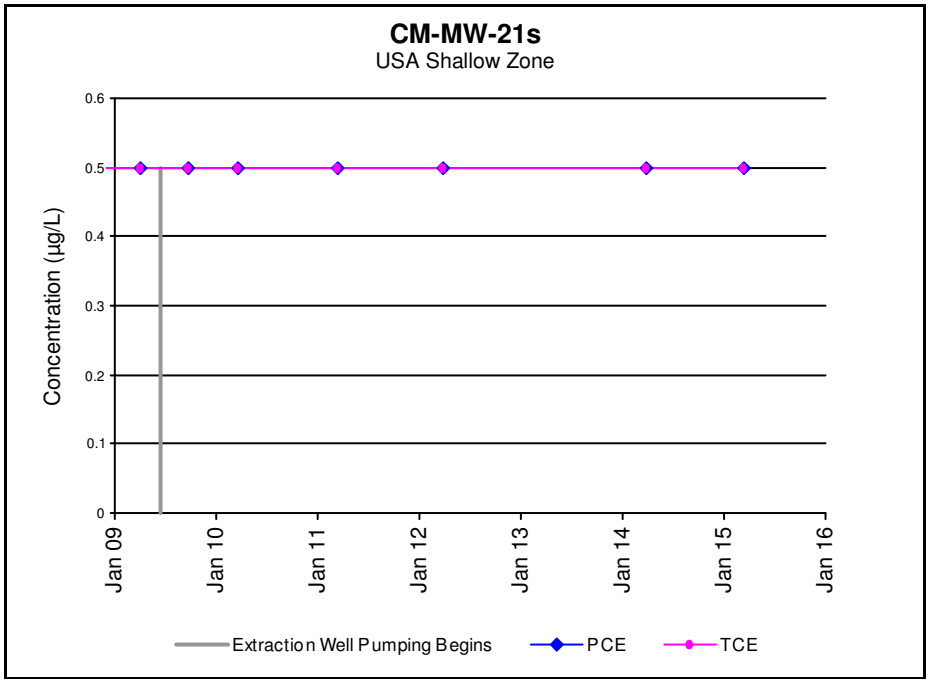

CM-MW-09s
USA Shallow Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

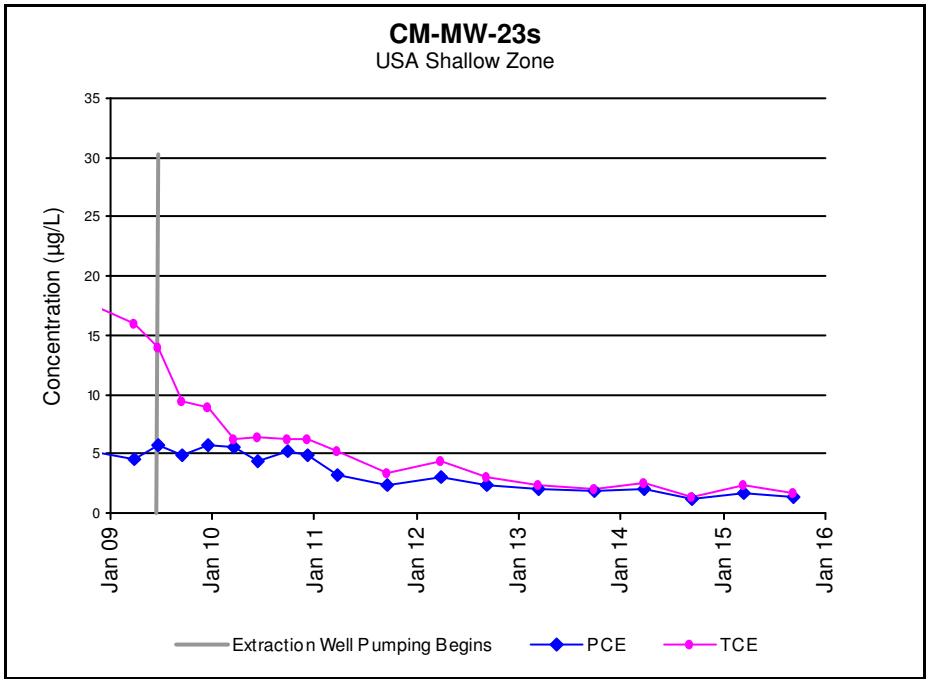

CM-MW-10s
USA Shallow Zone
Concentration (µg/L)
2.5
2
1.5
1
0.5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

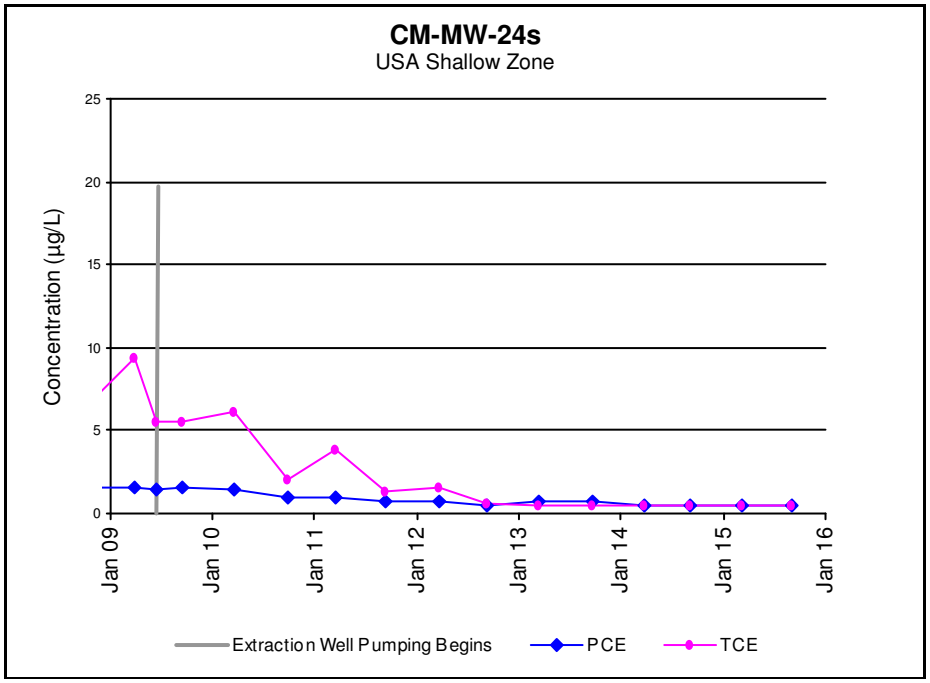

CM-MW-18s
USA Shallow Zone
Concentration (µg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

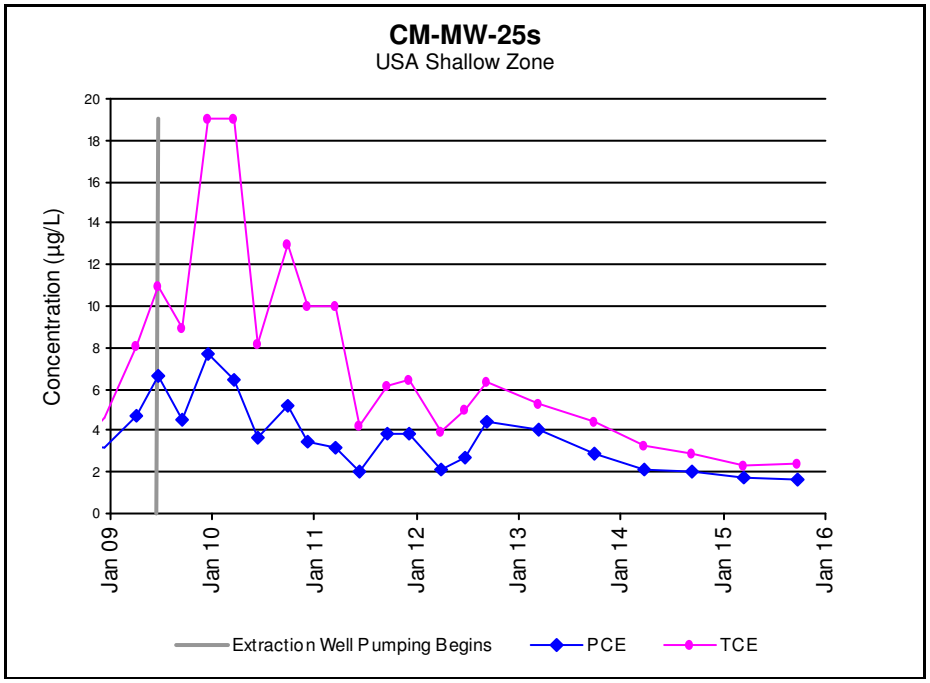

CM-MW-19s
USA Shallow Zone
Concentration (µg/L)
2.5
2
1.5
1
0.5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

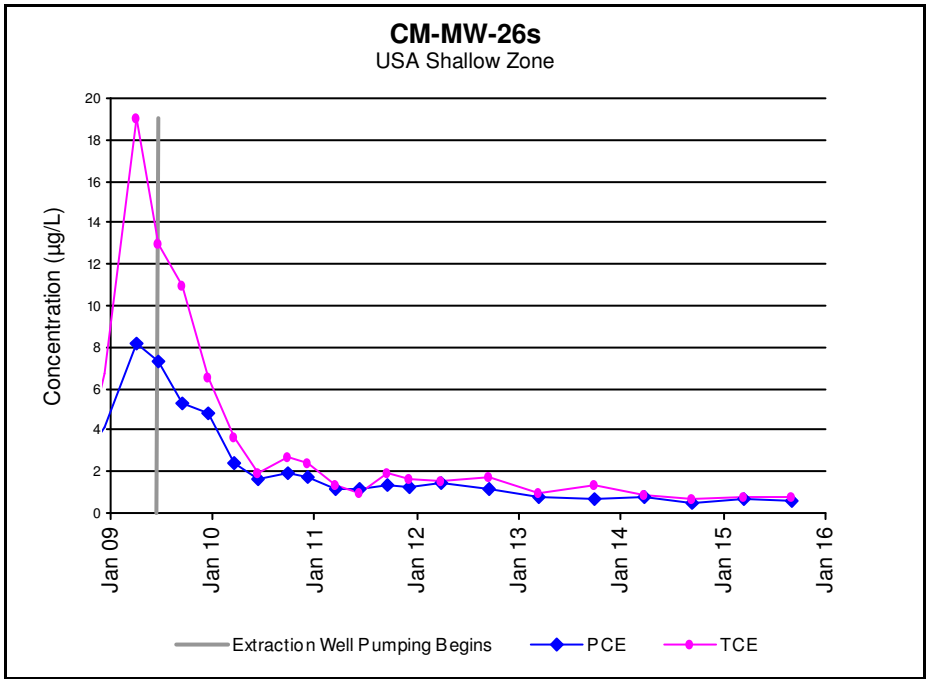

CM-MW-20s
USA Shallow Zone
Concentration (µg/L)
60
50
40
30
20
10
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

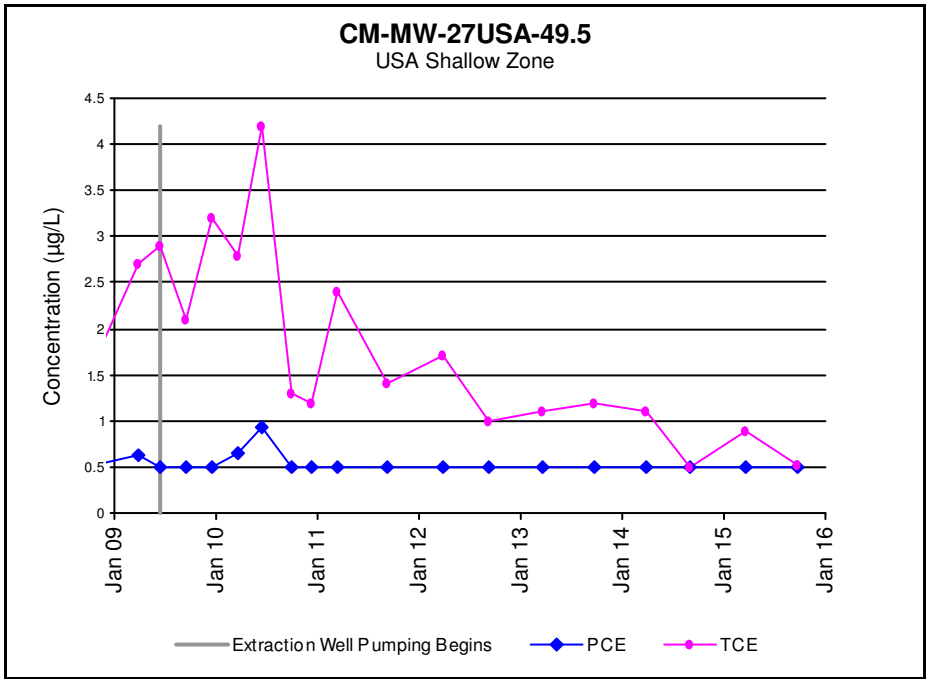

CM-MW-21s
USA Shallow Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

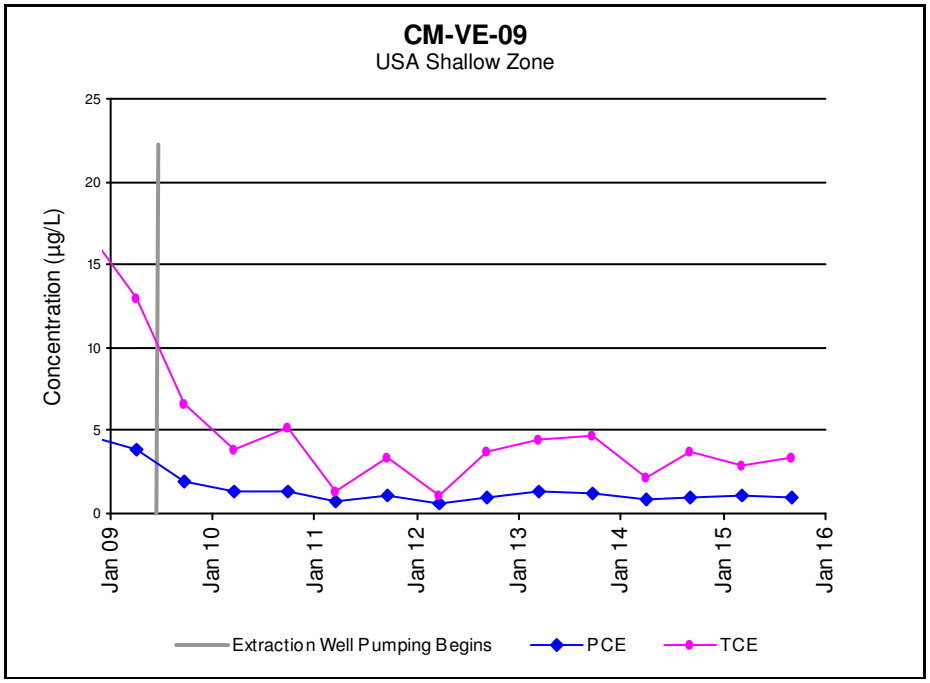

CM-MW-23s
USA Shallow Zone
Concentration (µg/L)
35
30
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

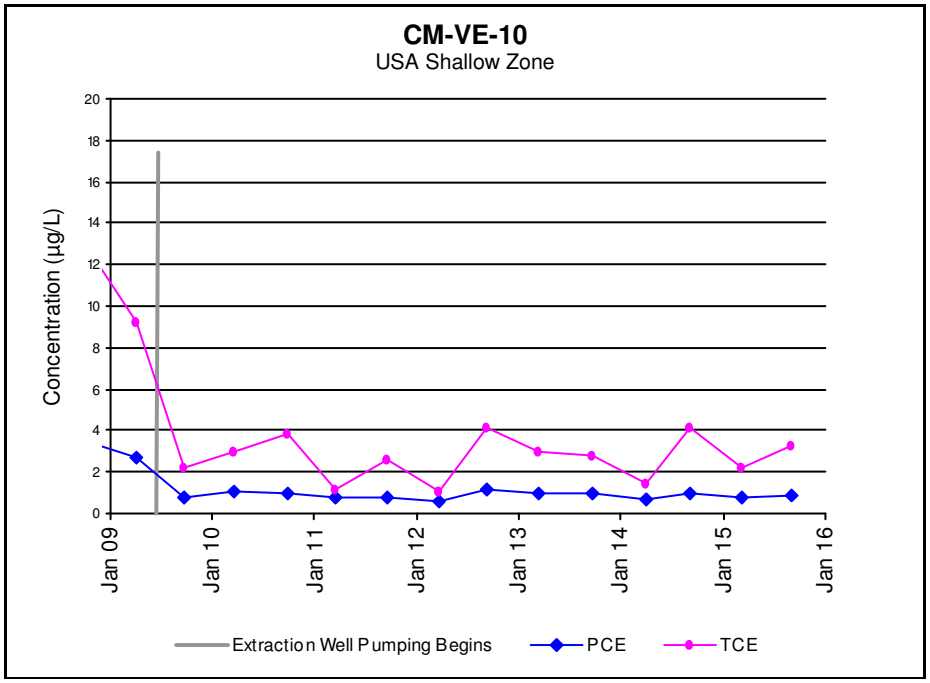

CM-MW-24s
USA Shallow Zone
Concentration (µg/L)
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

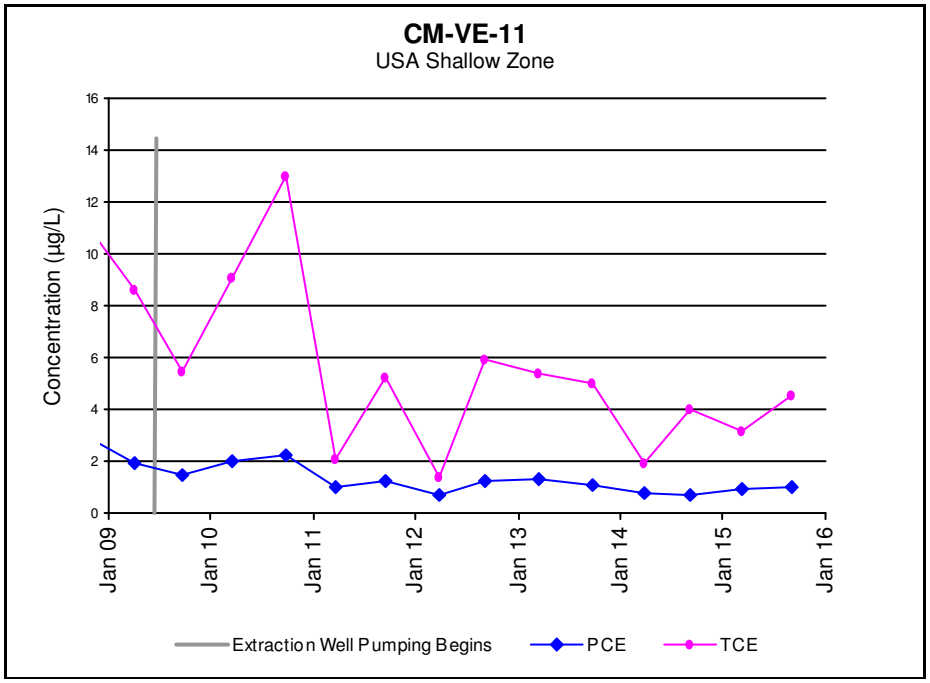

CM-MW-25s
USA Shallow Zone
Concentration (µg/L)
20
18
16
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

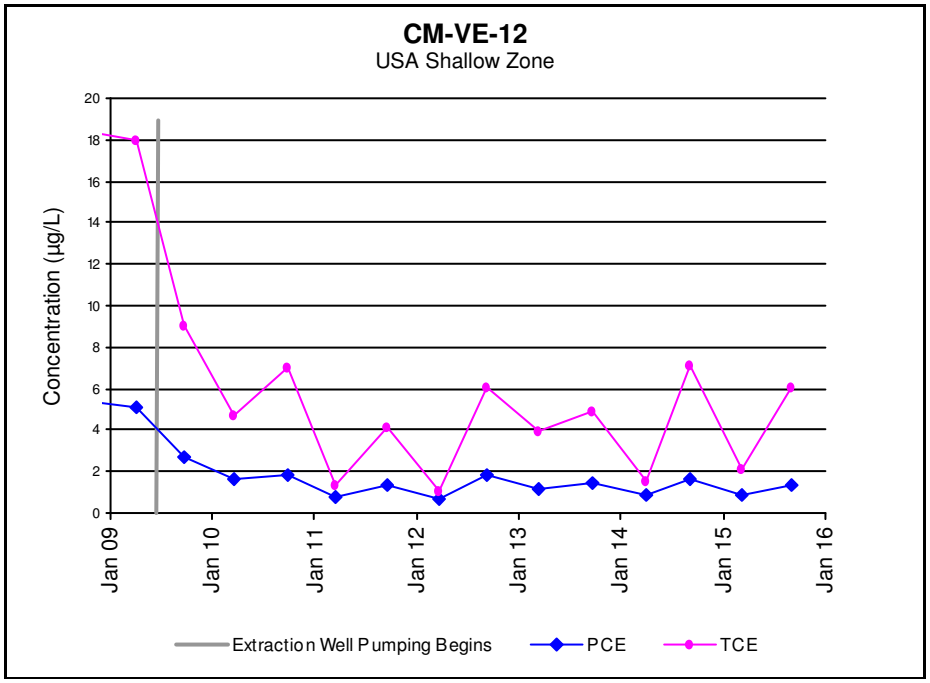

CM-MW-26s
USA Shallow Zone
Concentration (µg/L)
20
18
16
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

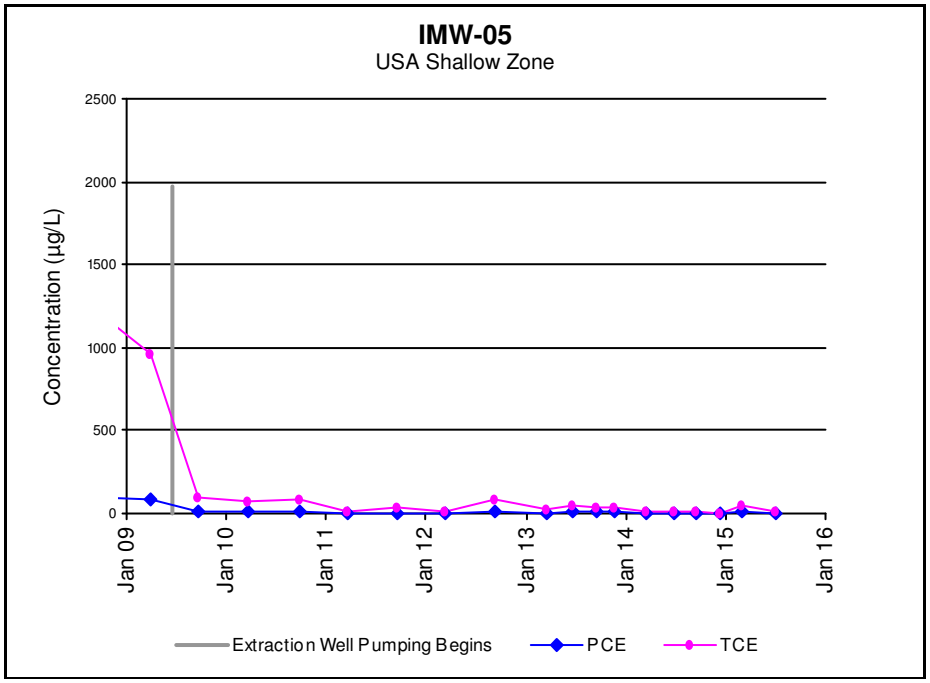

CM-MW-27USA-49.5
USA Shallow Zone
Concentration (µg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

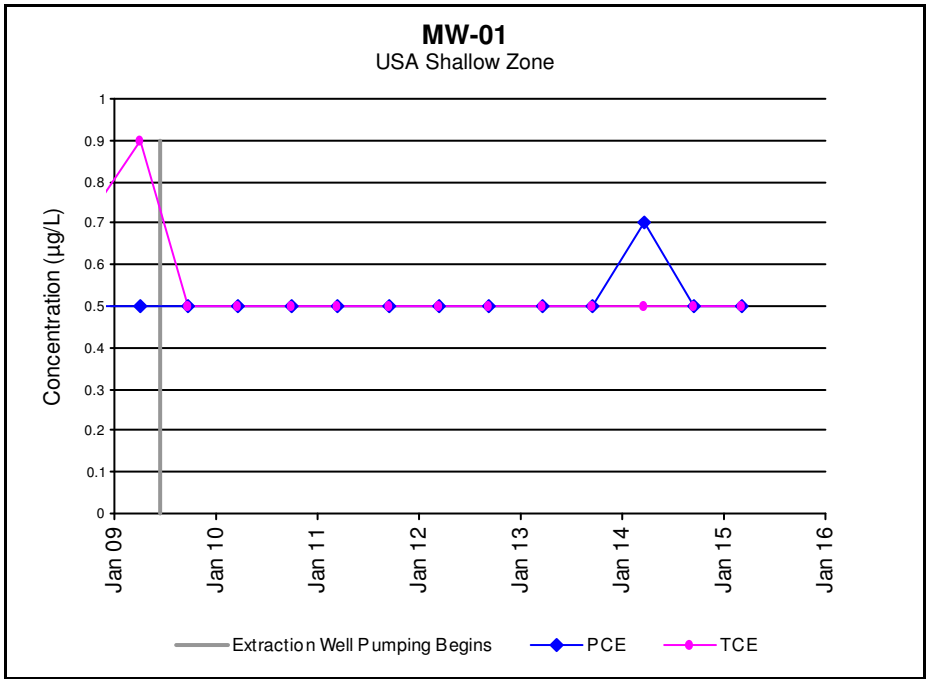

CM-VE-09
USA Shallow Zone
Concentration (µg/L)
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

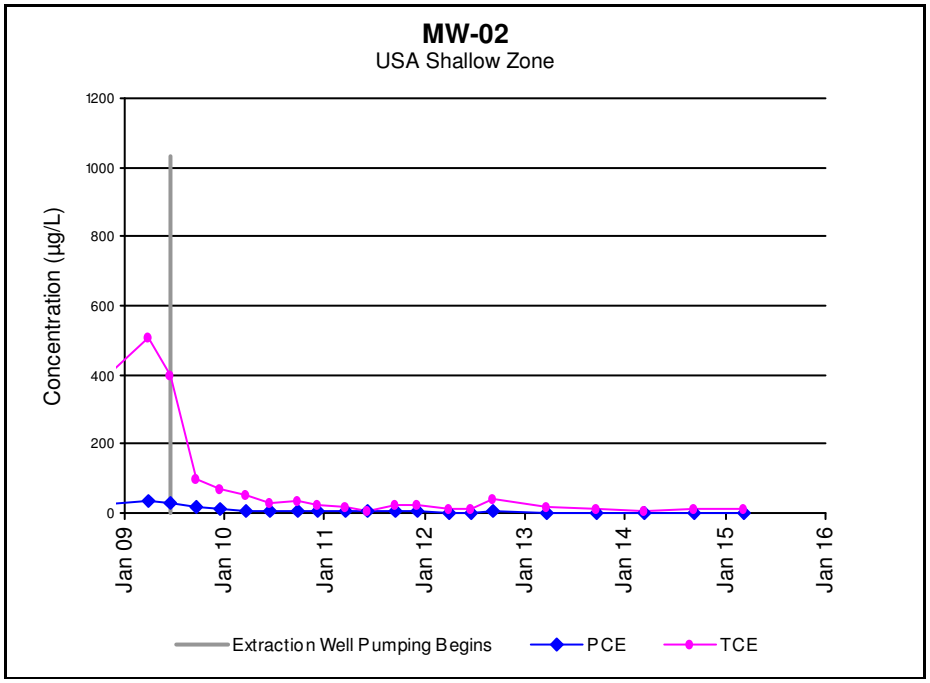

CM-VE-10
USA Shallow Zone
Concentration (µg/L)
20
18
16
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

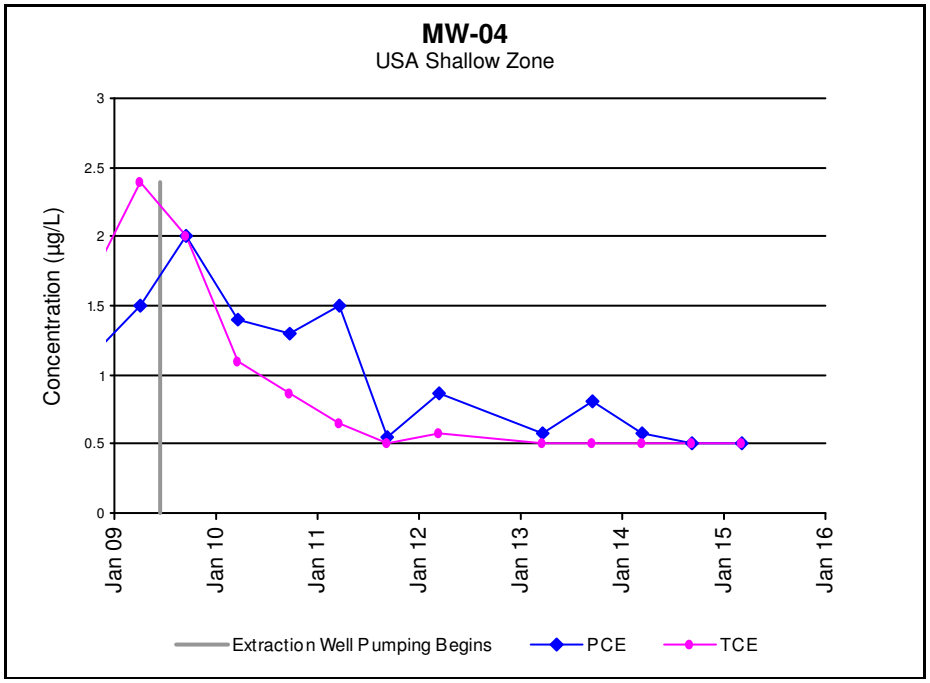

CM-VE-11
USA Shallow Zone
Concentration (µg/L)
16
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

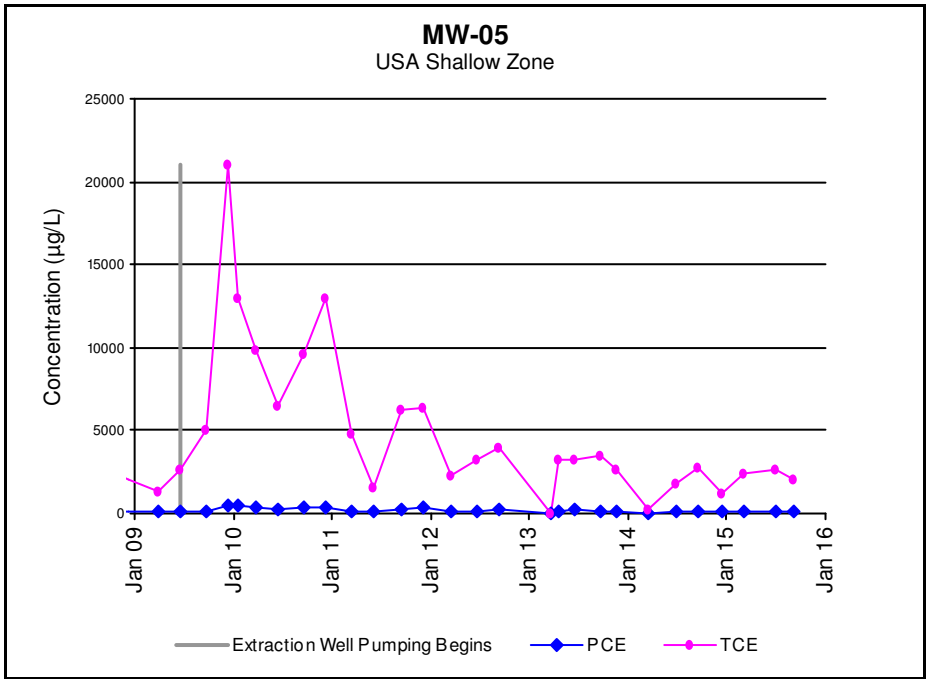

CM-VE-12
USA Shallow Zone
Concentration (µg/L)
20
18
16
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

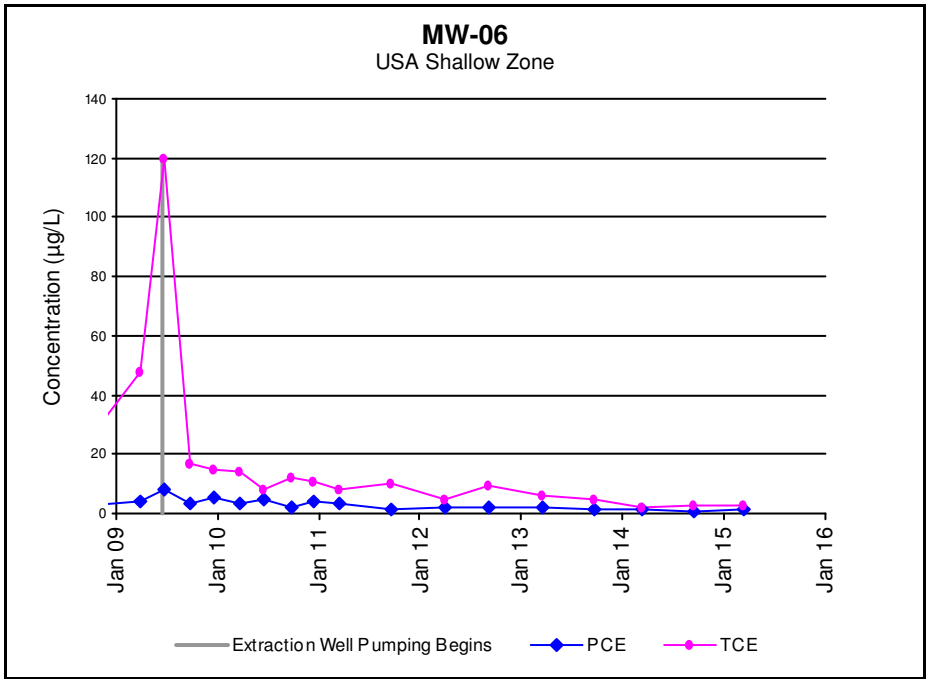

IMW-05
USA Shallow Zone
Concentration (µg/L)
2500
2000
1500
1000
500
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

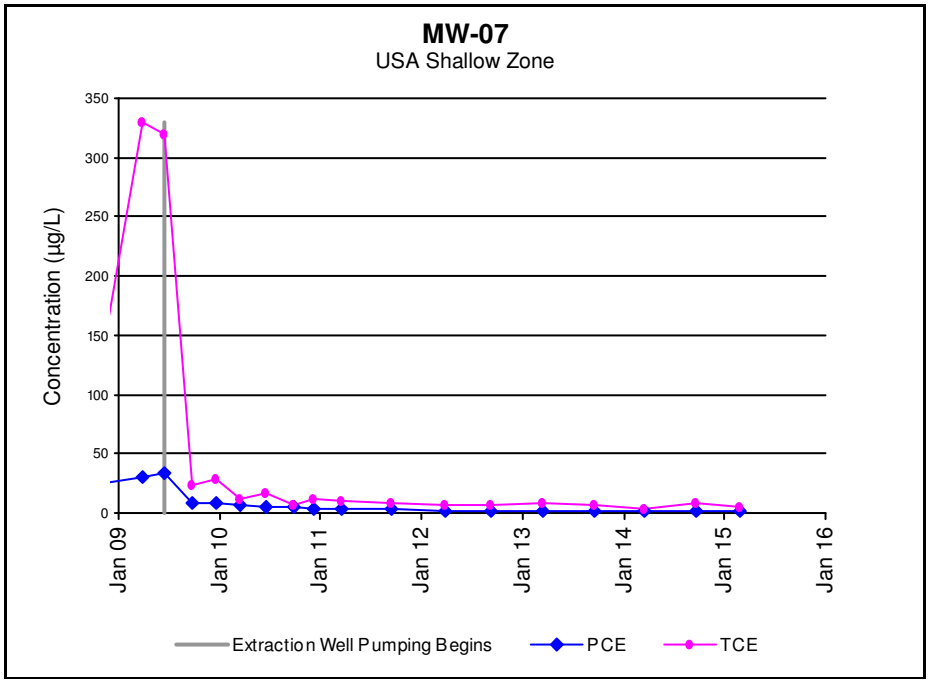

MW-01
USA Shallow Zone
Concentration (µg/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

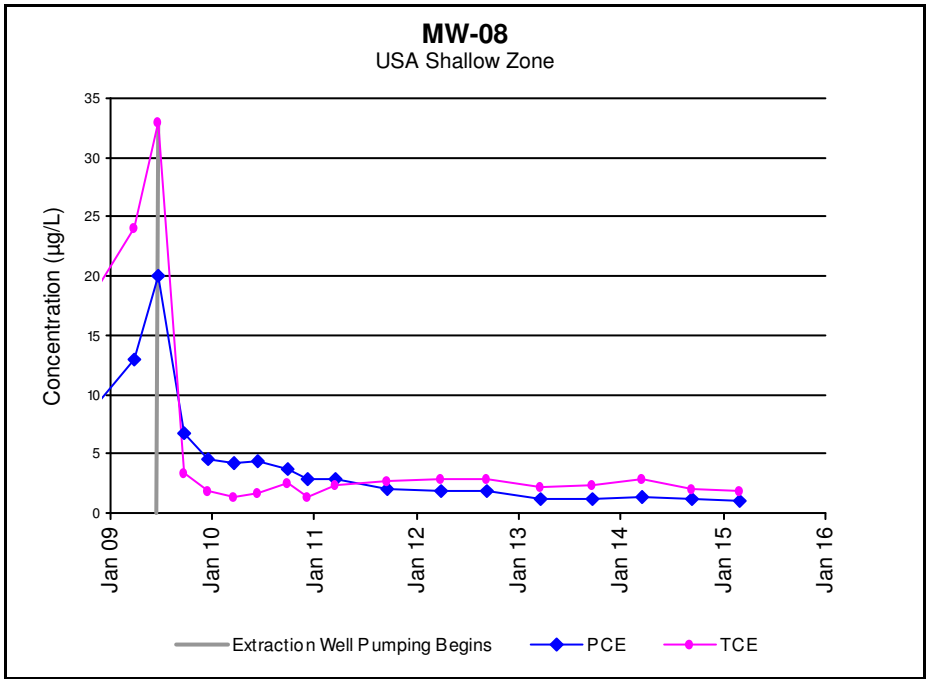

MW-02
USA Shallow Zone
Concentration (µg/L)
1200
1000
800
600
400
200
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

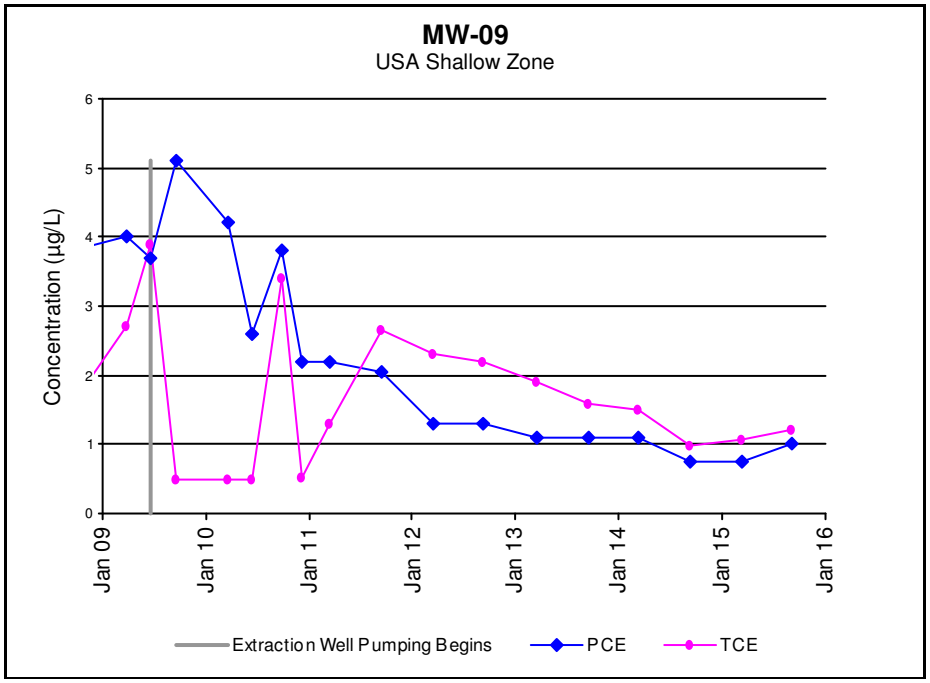

MW-04
USA Shallow Zone
Concentration (µg/L)
3
2.5
2
1.5
1
0.5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

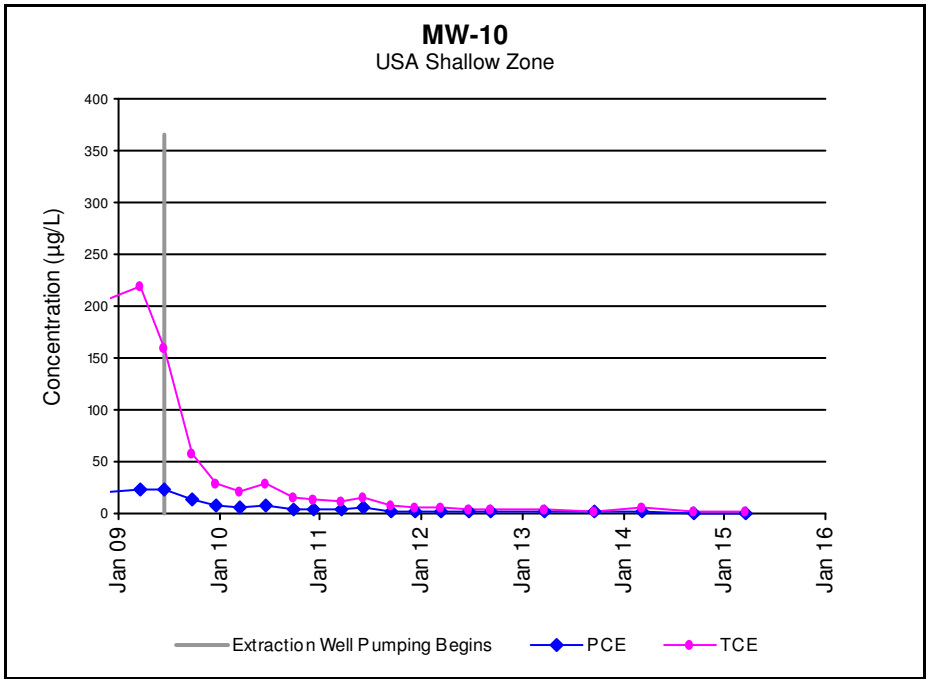

MW-05
USA Shallow Zone
Concentration (µg/L)
25000
20000
15000
10000
5000
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

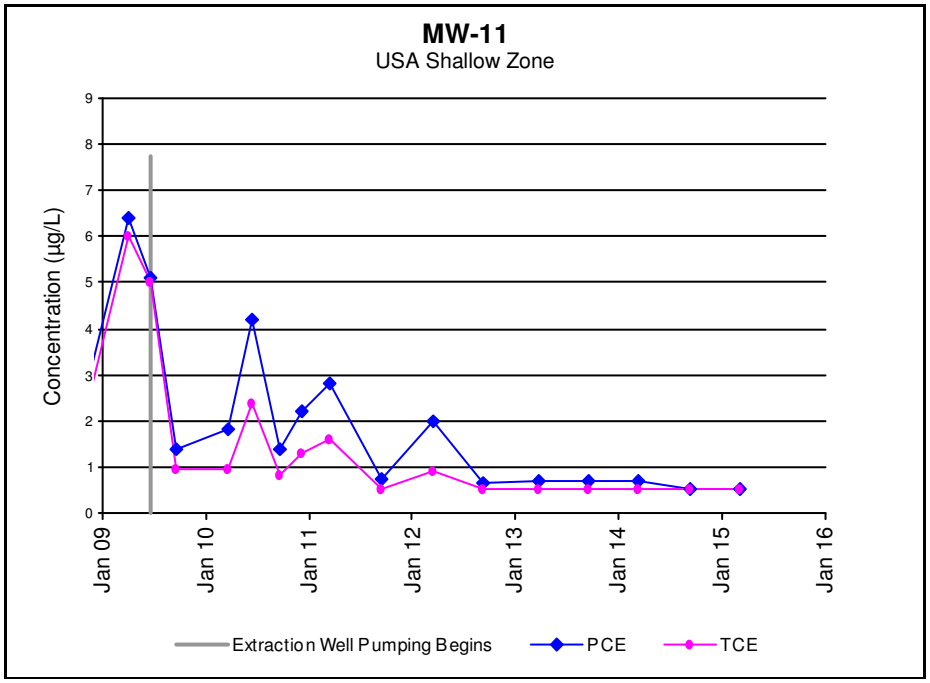

MW-06
USA Shallow Zone
Concentration (µg/L)
140
120
100
80
60
40
20
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

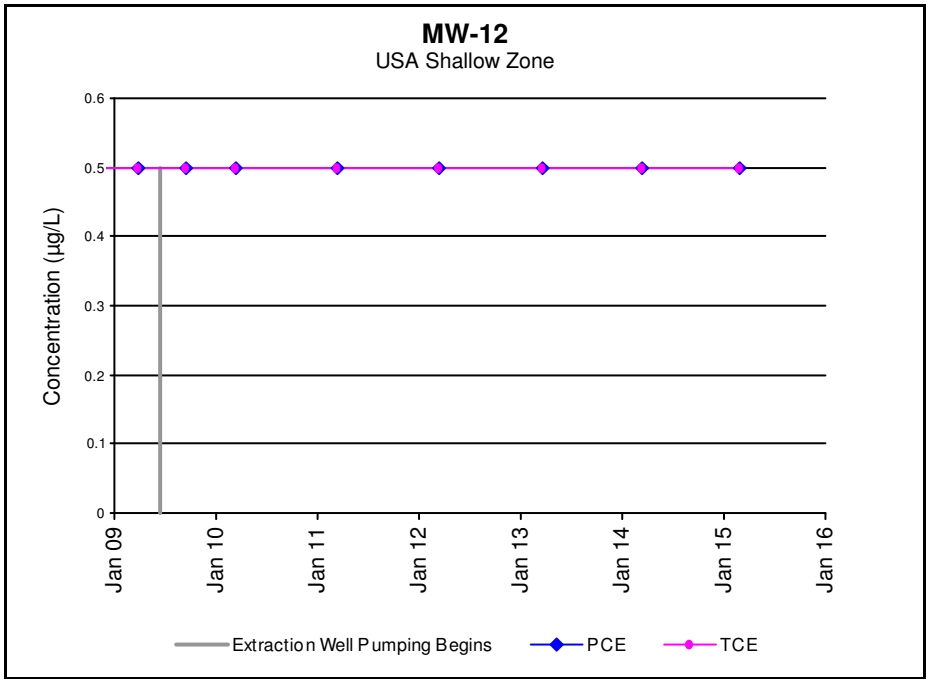

MW-07
USA Shallow Zone
Concentration (µg/L)
350
300
250
200
150
100
50
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

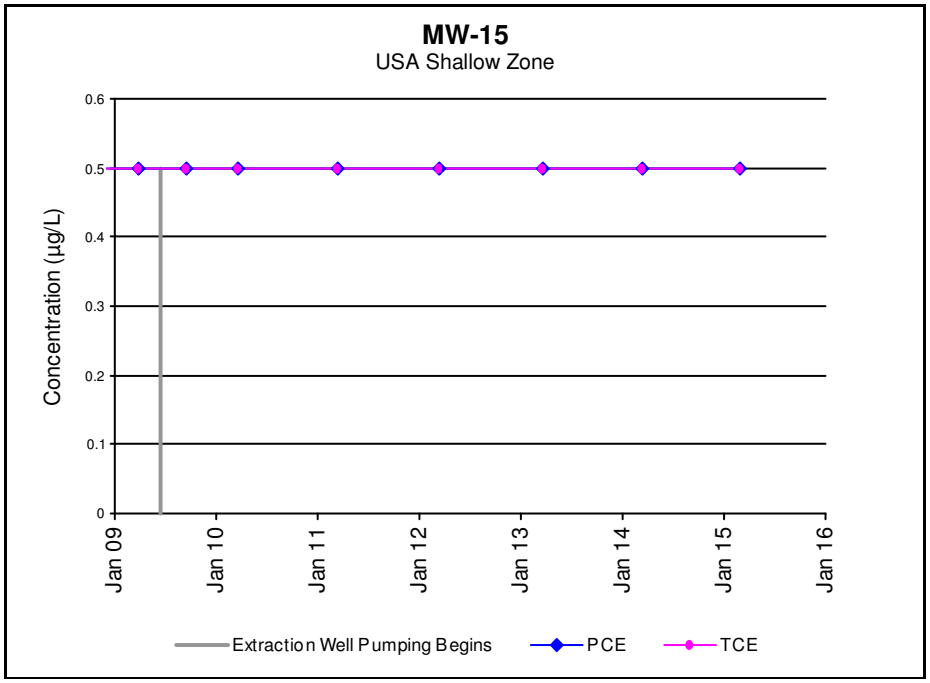

MW-08
USA Shallow Zone
Concentration (µg/L)
35
30
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

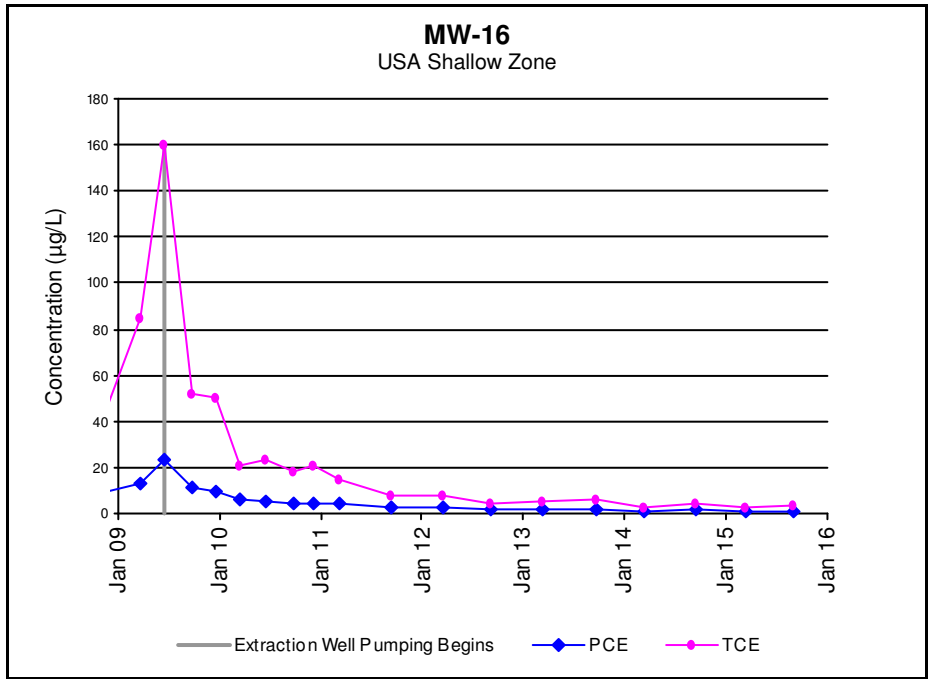

MW-09
USA Shallow Zone
Concentration (µg/L)
0
1
2
3
4
5
6
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

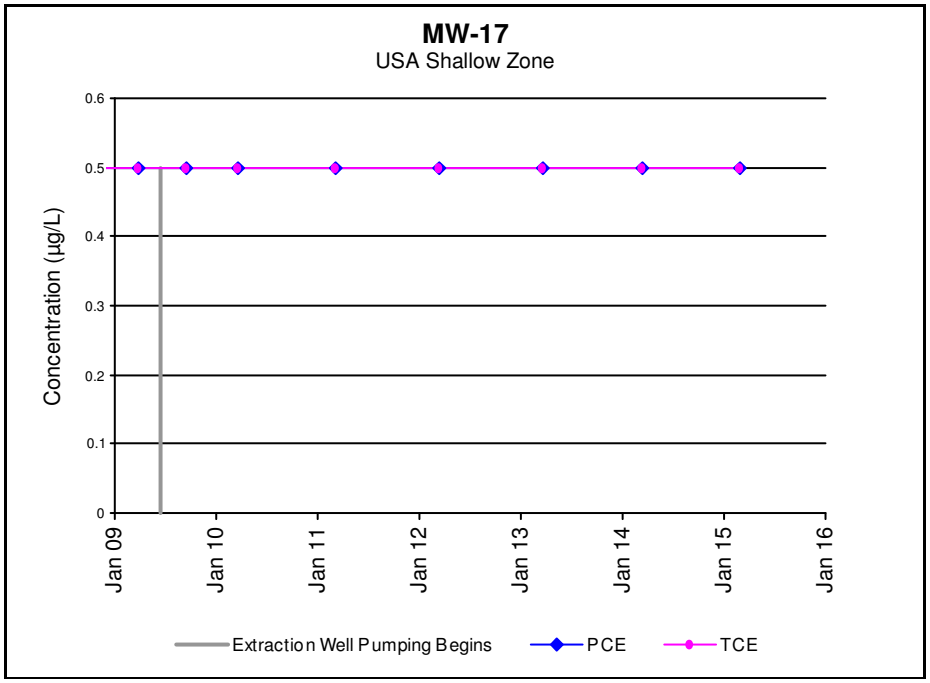

MW-10
USA Shallow Zone
Concentration (µg/L)
0
50
100
150
200
250
300
350
400
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

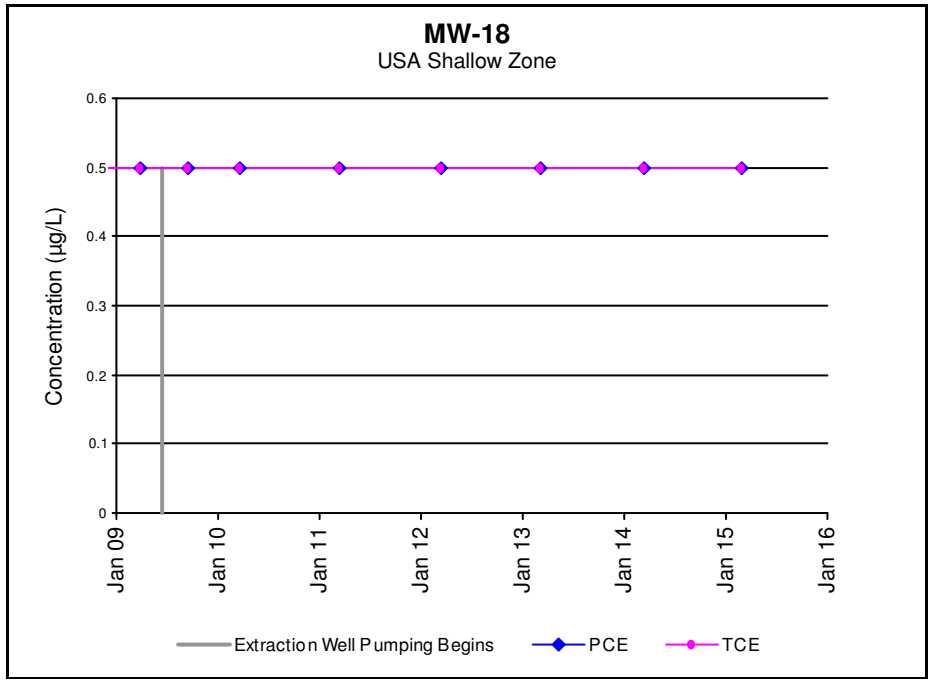

MW-11
USA Shallow Zone
Concentration (µg/L)
0
1
2
3
4
5
6
7
8
9
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

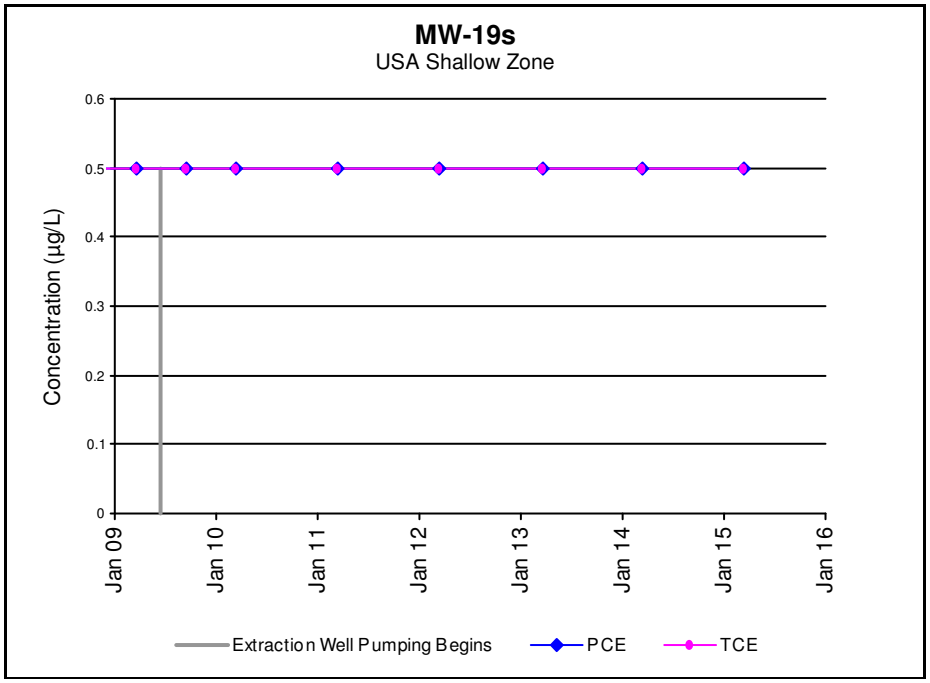

MW-12
USA Shallow Zone
Concentration (µg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

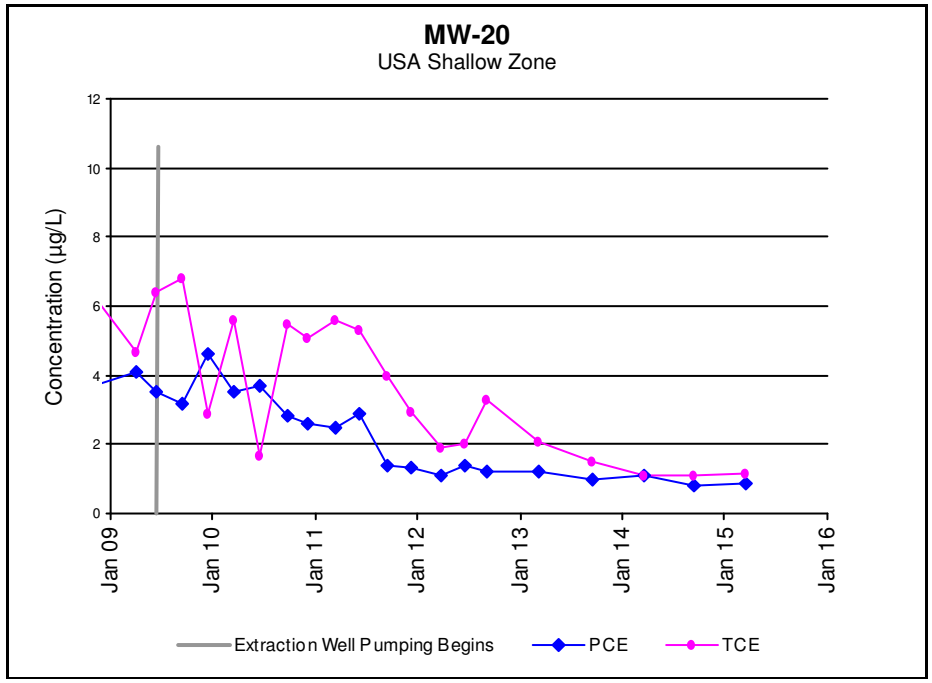

MW-15
USA Shallow Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

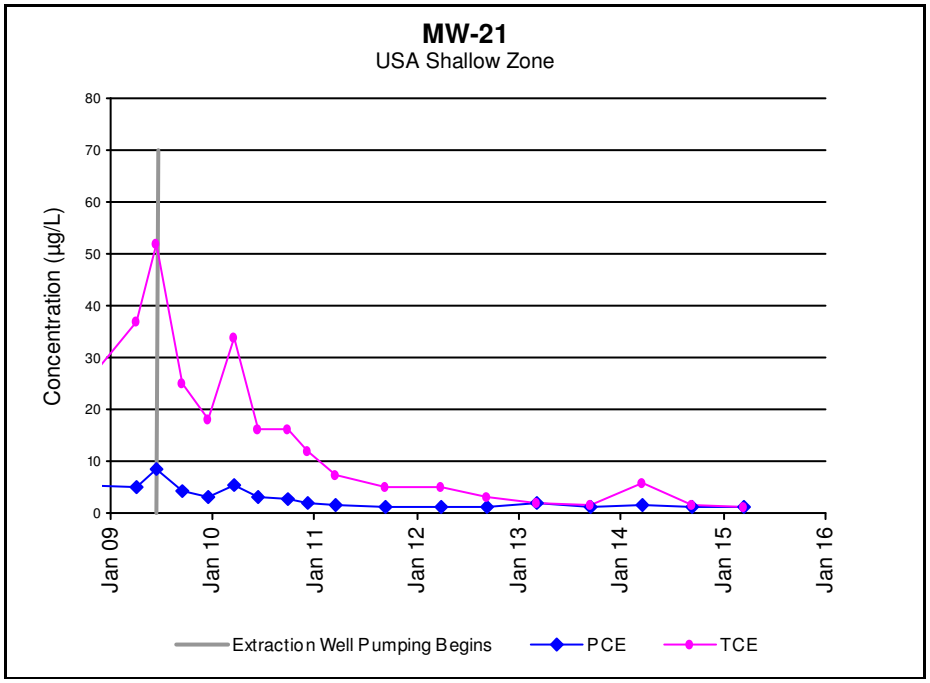

MW-16
USA Shallow Zone
Concentration (µg/L)
180
160
140
120
100
80
60
40
20
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

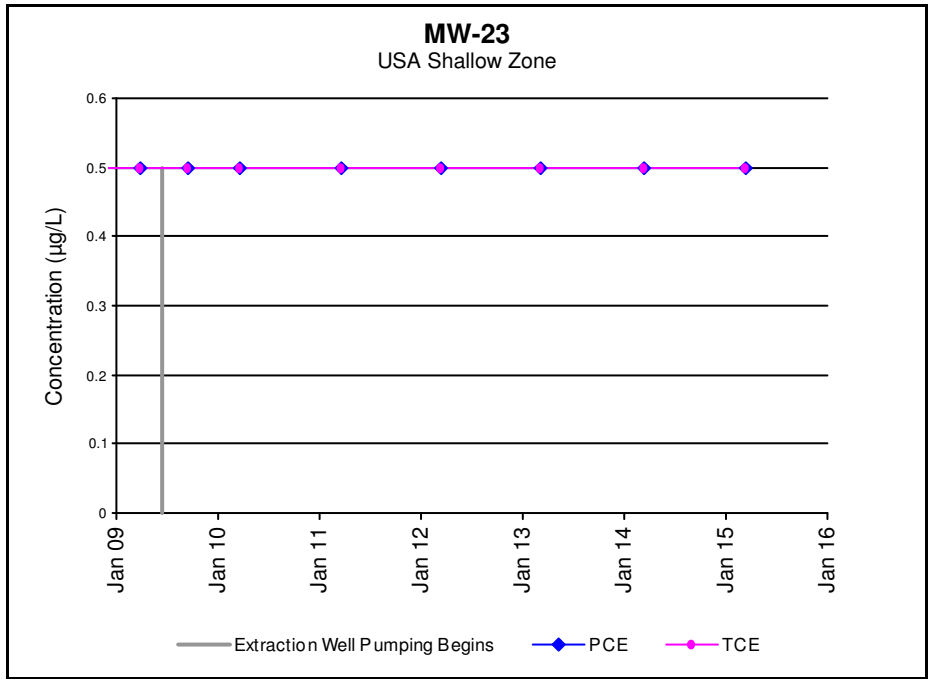

MW-17
USA Shallow Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

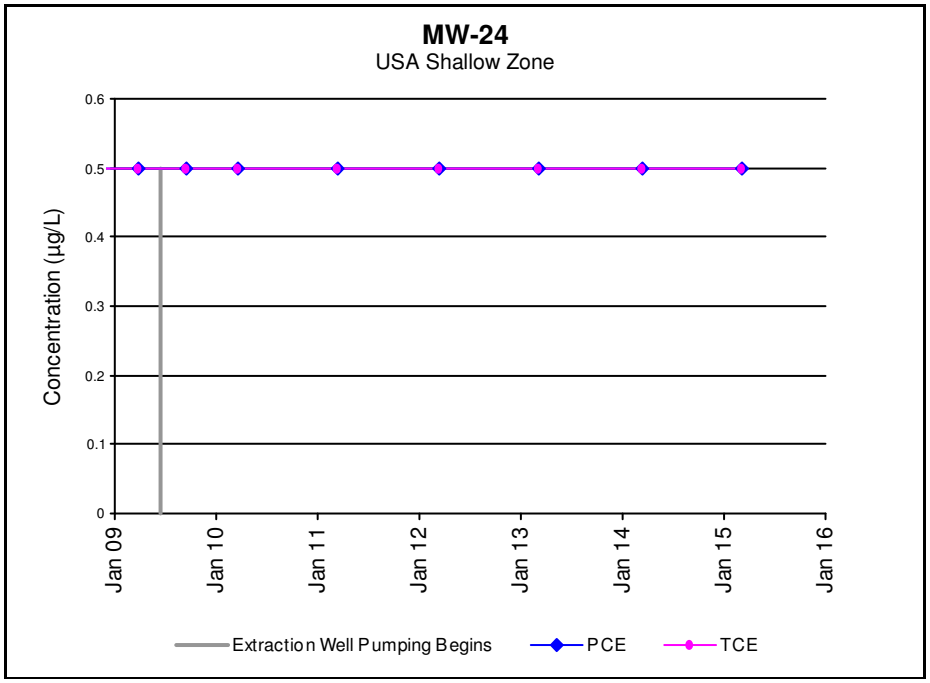

MW-18
USA Shallow Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

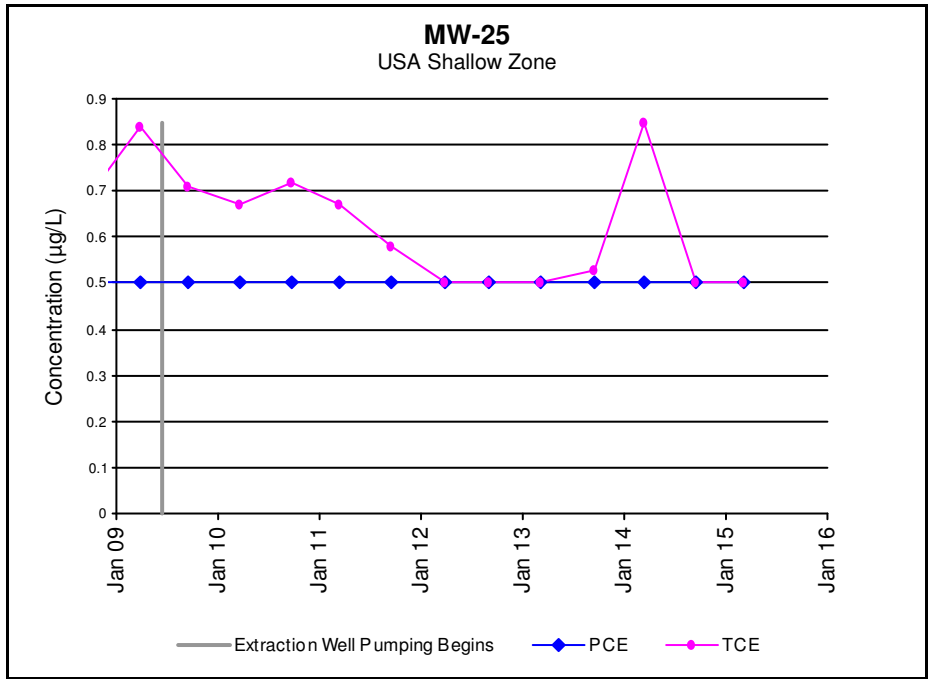

MW-19s
USA Shallow Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

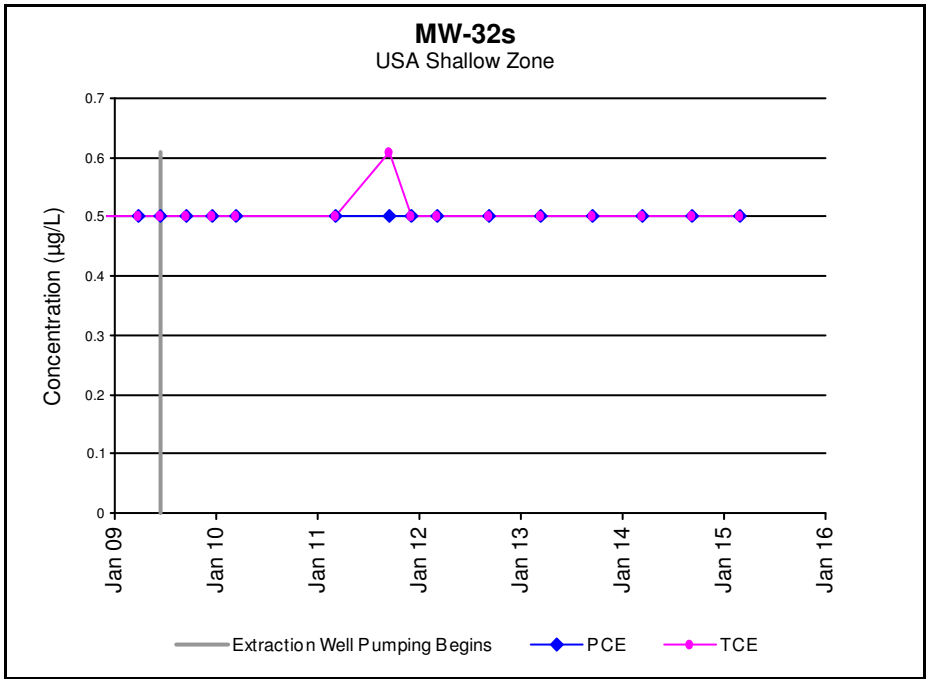

MW-20
USA Shallow Zone
Concentration (µg/L)
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

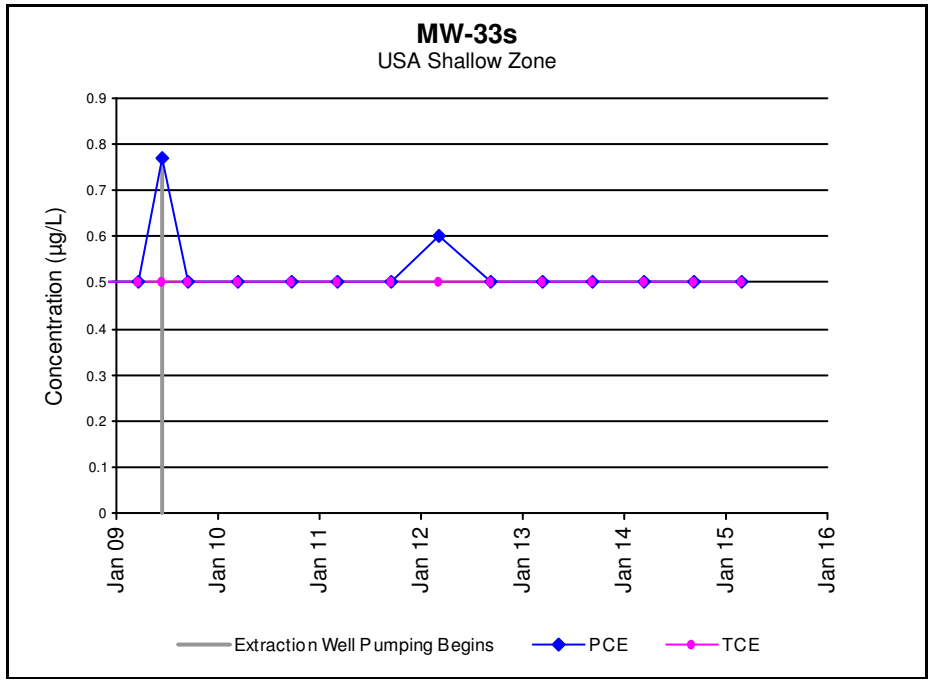

MW-21
USA Shallow Zone
Concentration (µg/L)
80
70
60
50
40
30
20
10
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

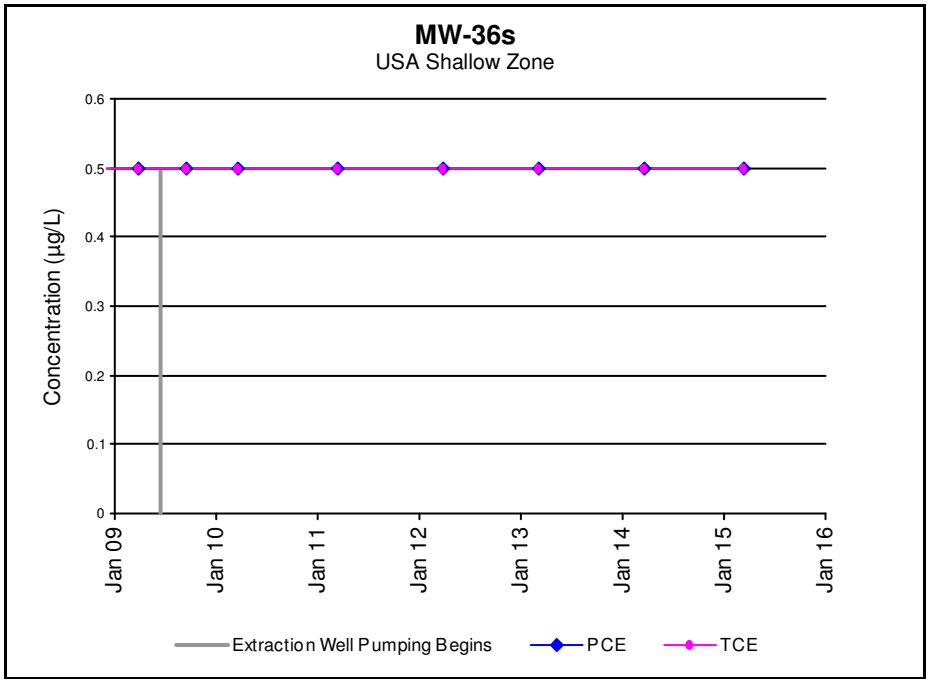

MW-23
USA Shallow Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

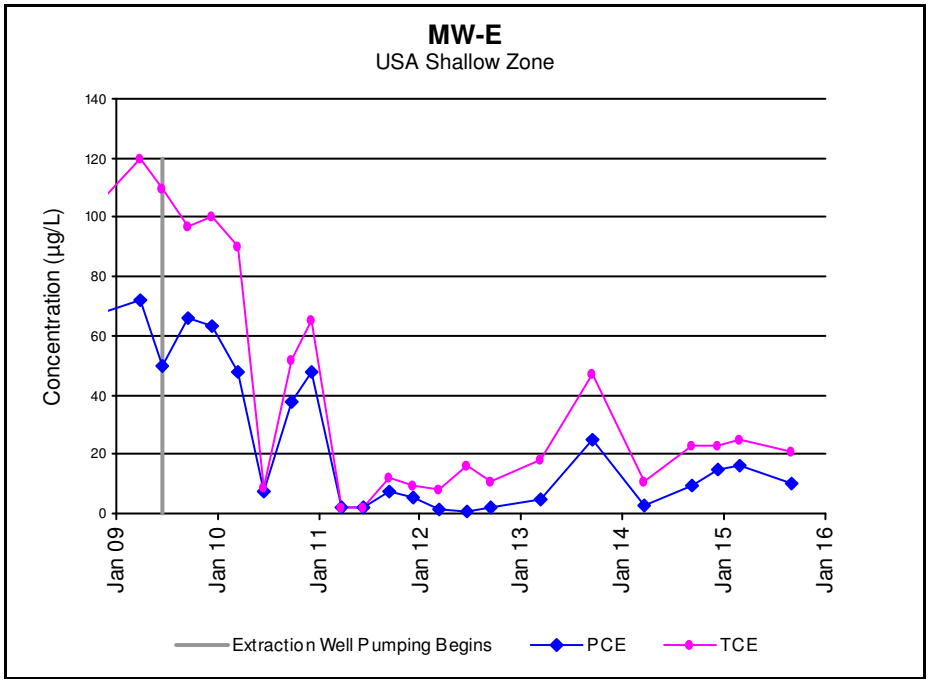

MW-24
USA Shallow Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

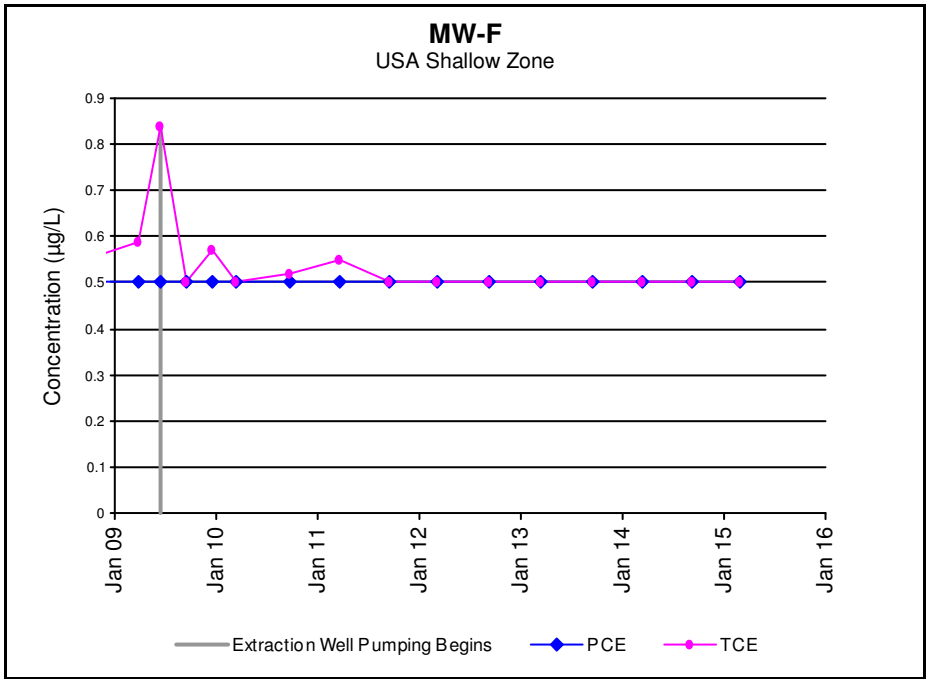

MW-25
USA Shallow Zone
Concentration (µg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

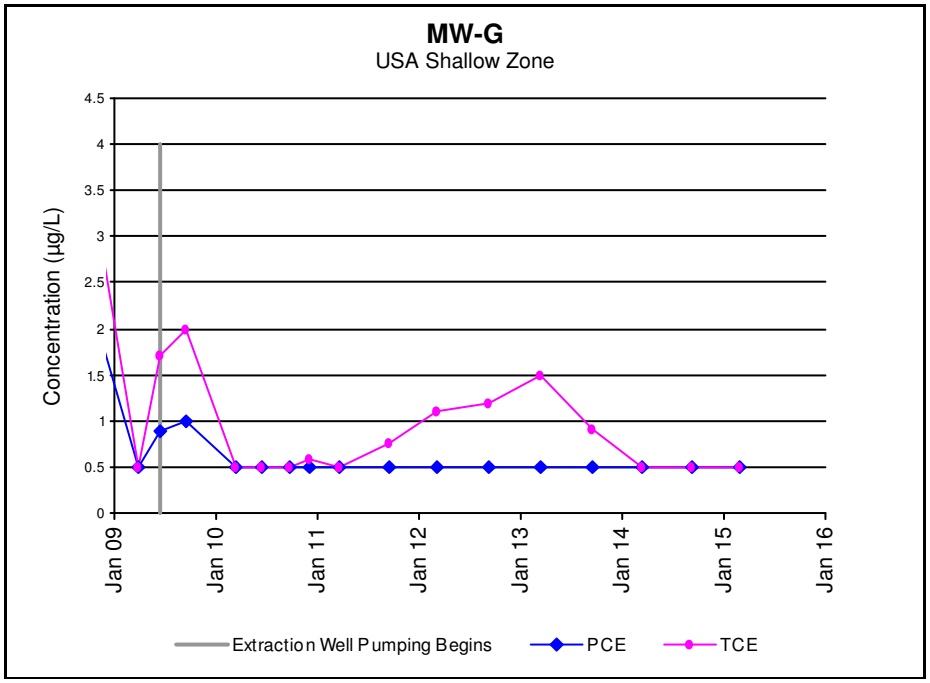

MW-32s
USA Shallow Zone
Concentration (µg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

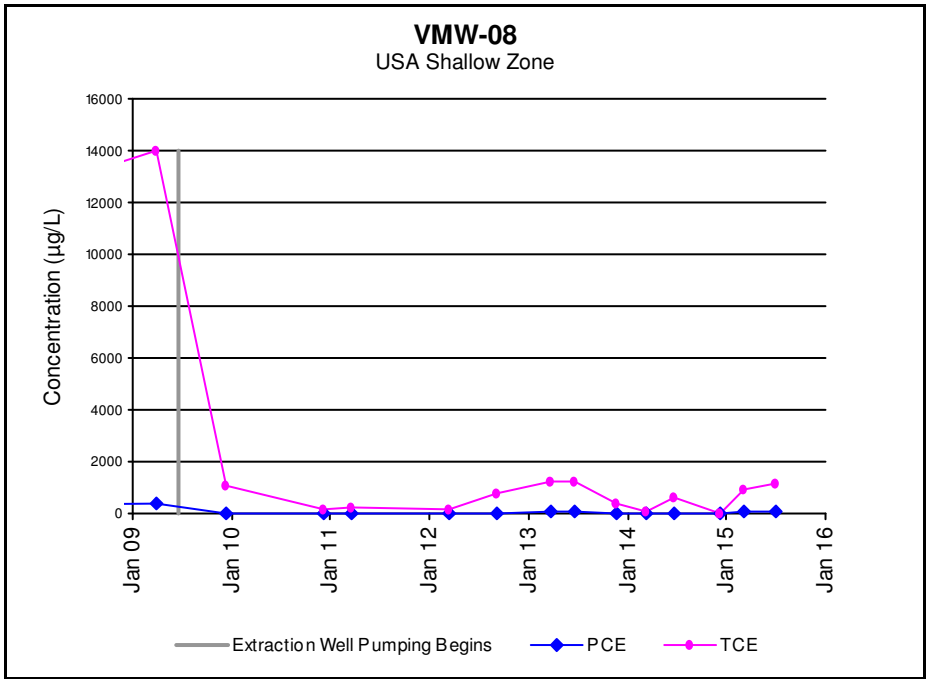

MW-33s
USA Shallow Zone
Concentration (µg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

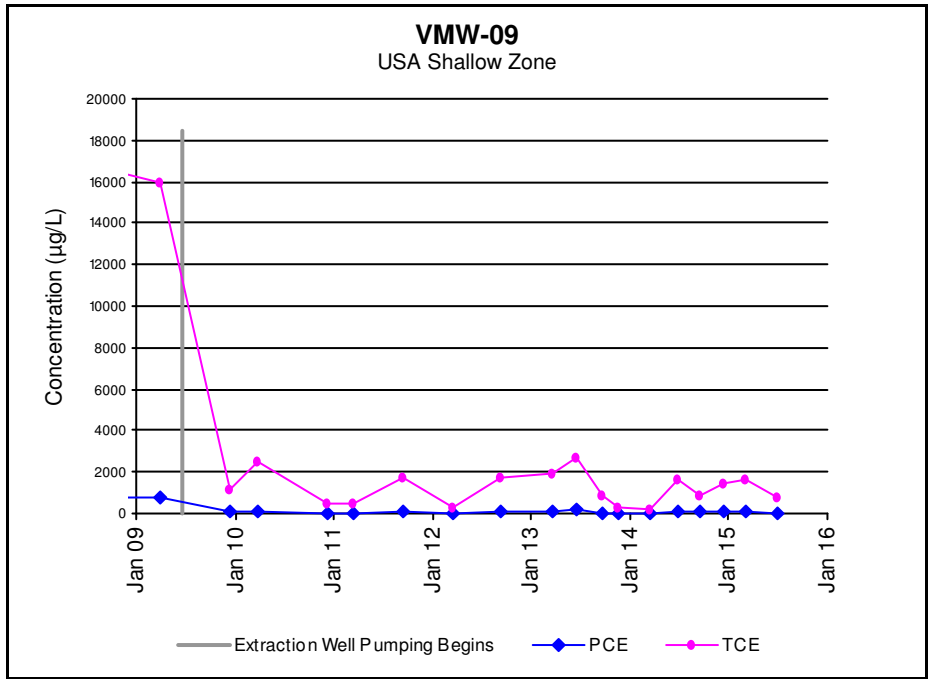

MW-36s
USA Shallow Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

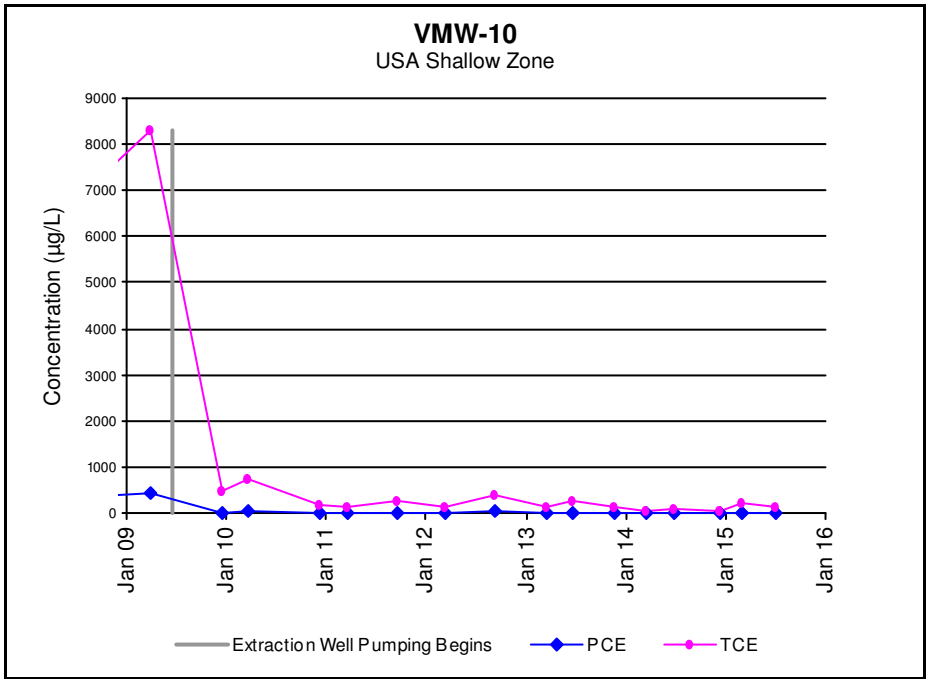

MW-E
USA Shallow Zone
Concentration (µg/L)
140
120
100
80
60
40
20
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

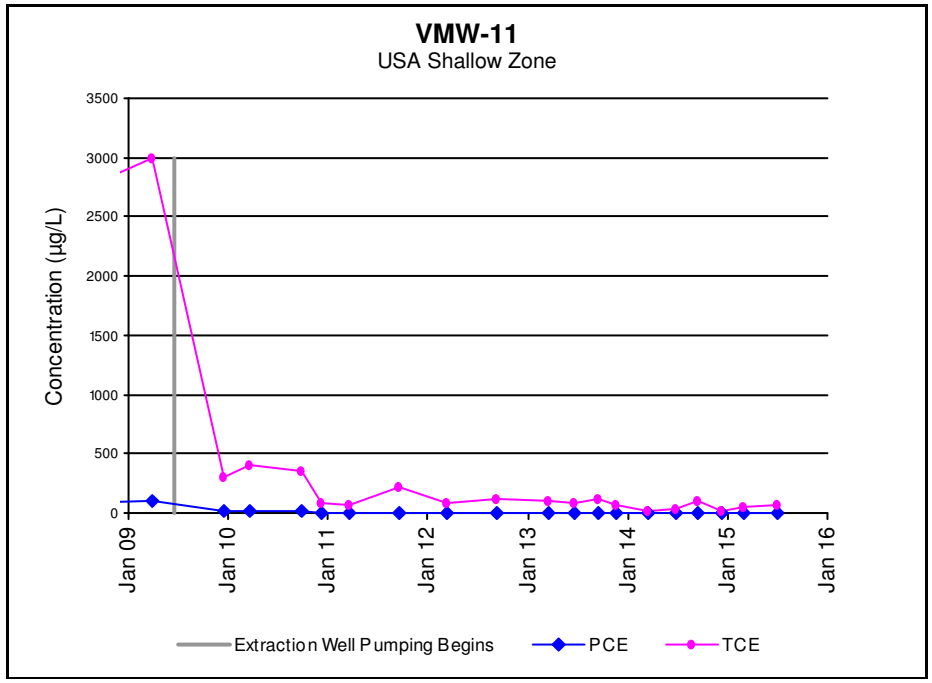

MW-F
USA Shallow Zone
Concentration (µg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

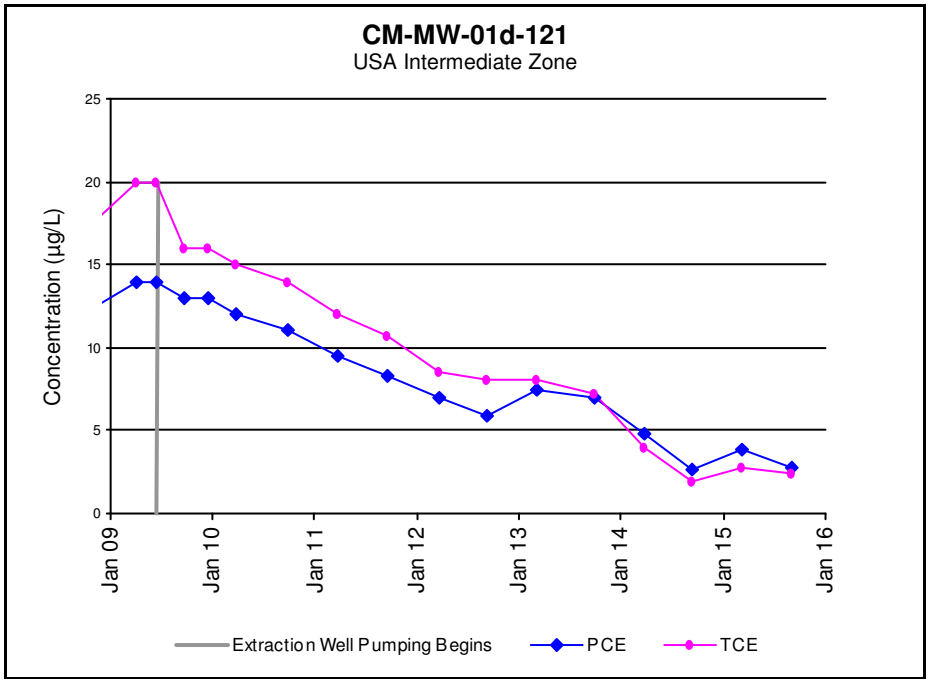

MW-G
USA Shallow Zone
Concentration (µg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

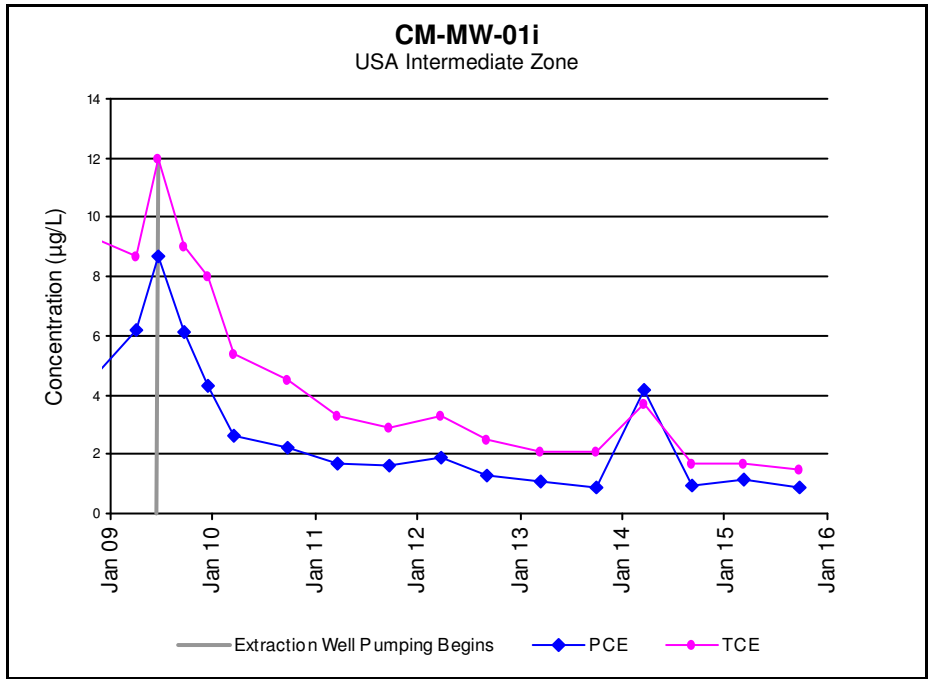

VMW-08
USA Shallow Zone
Concentration (µg/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

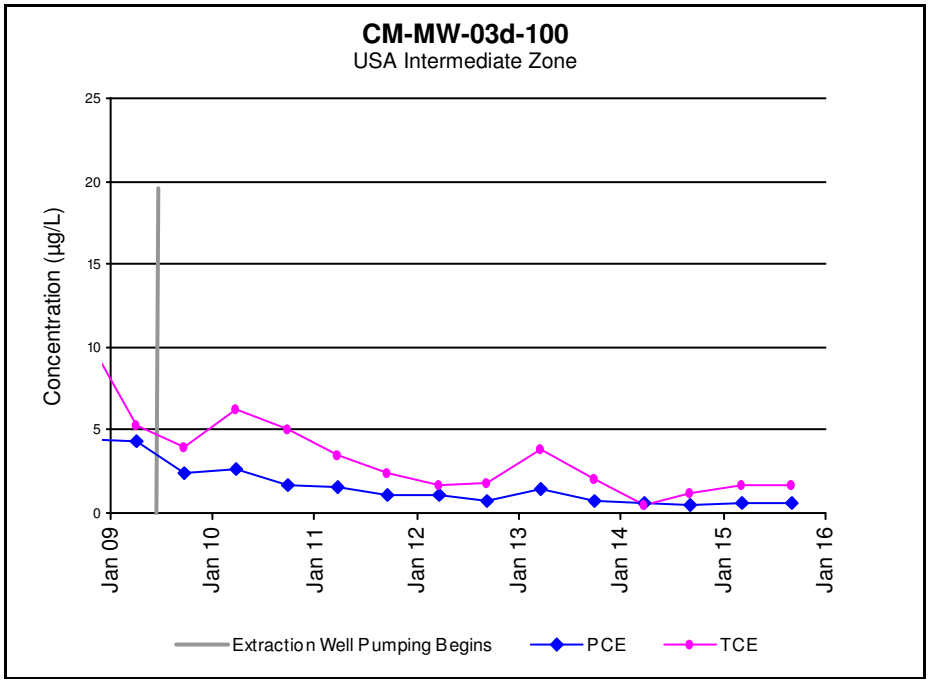

VMW-09
USA Shallow Zone
Concentration (µg/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

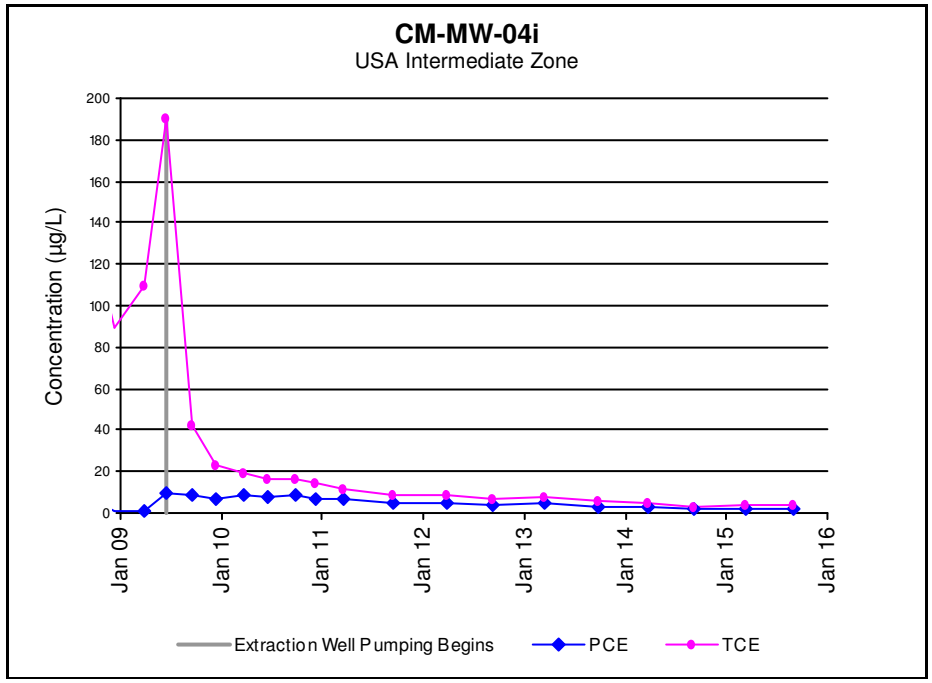

VMW-10
USA Shallow Zone
Concentration (µg/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

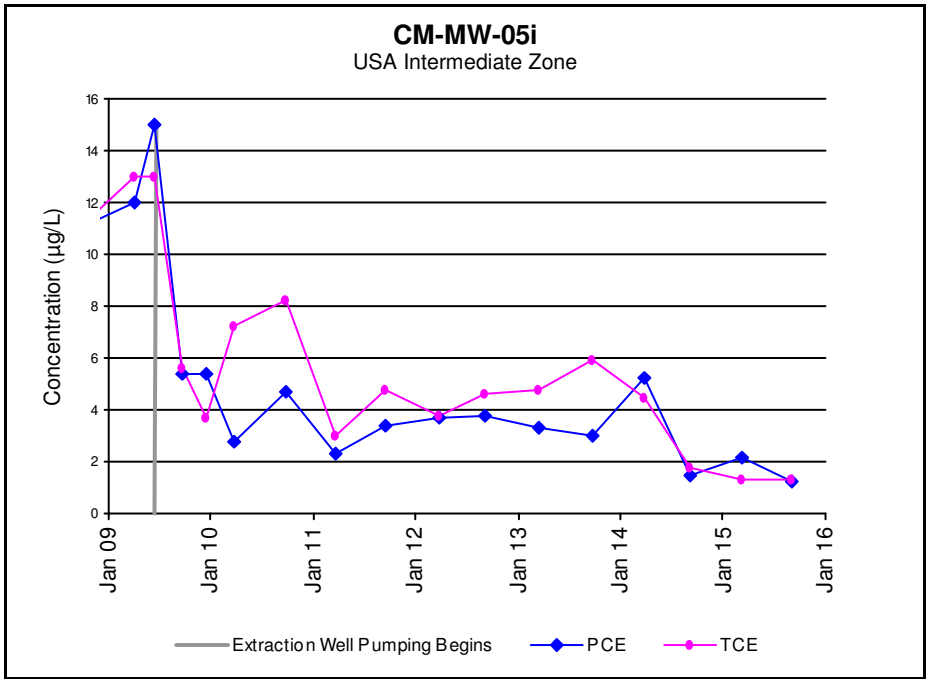

VMW-11
USA Shallow Zone
Concentration (µg/L)
3500
3000
2500
2000
1500
1000
500
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

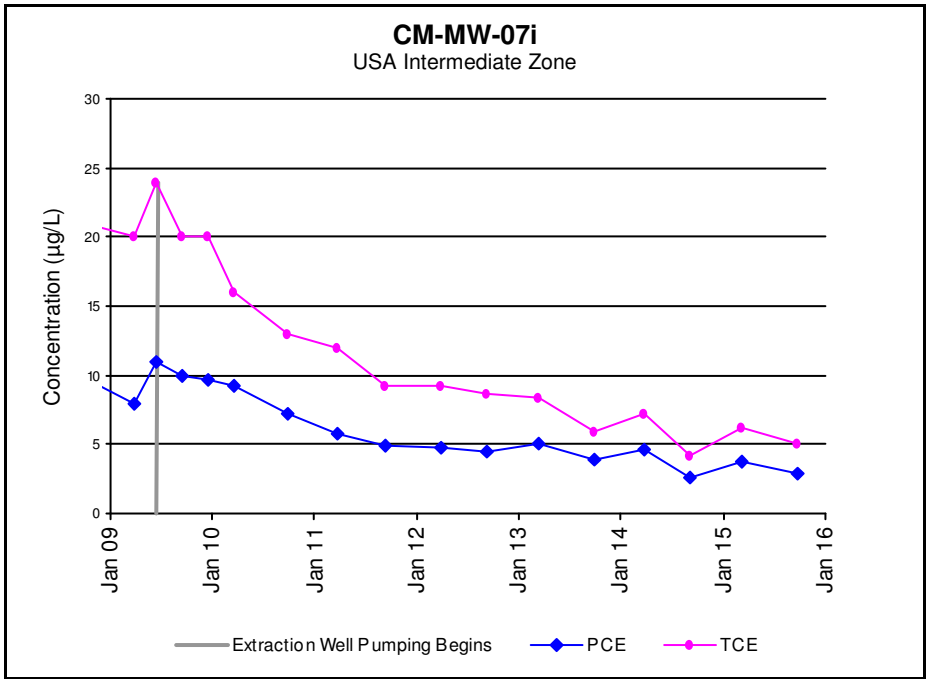

CM-MW-01d-121
USA Intermediate Zone
Concentration (µg/L)
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

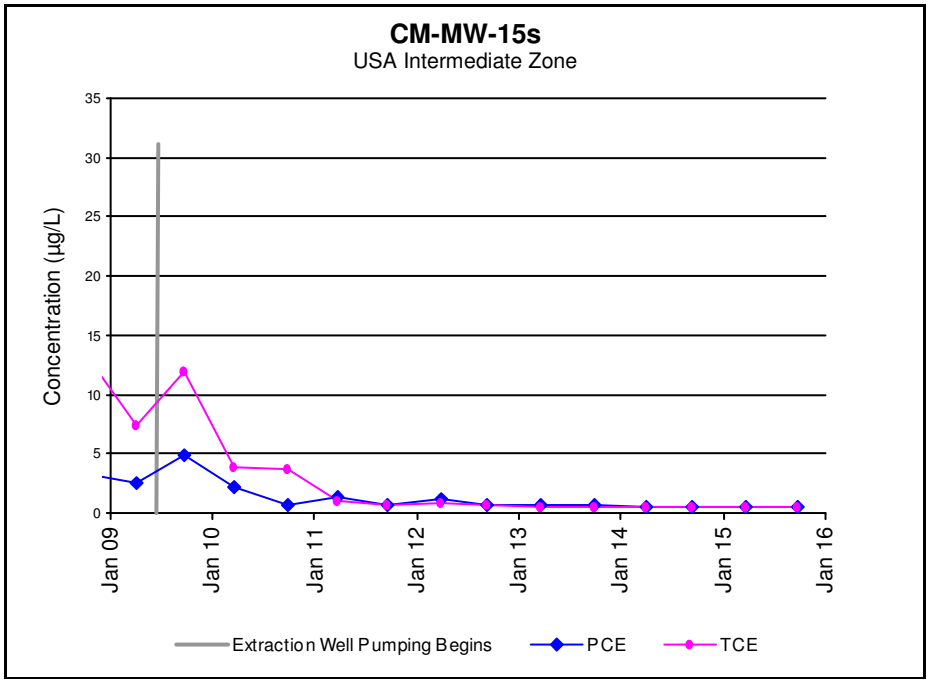

CM-MW-01i
USA Intermediate Zone
Concentration (µg/L)
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

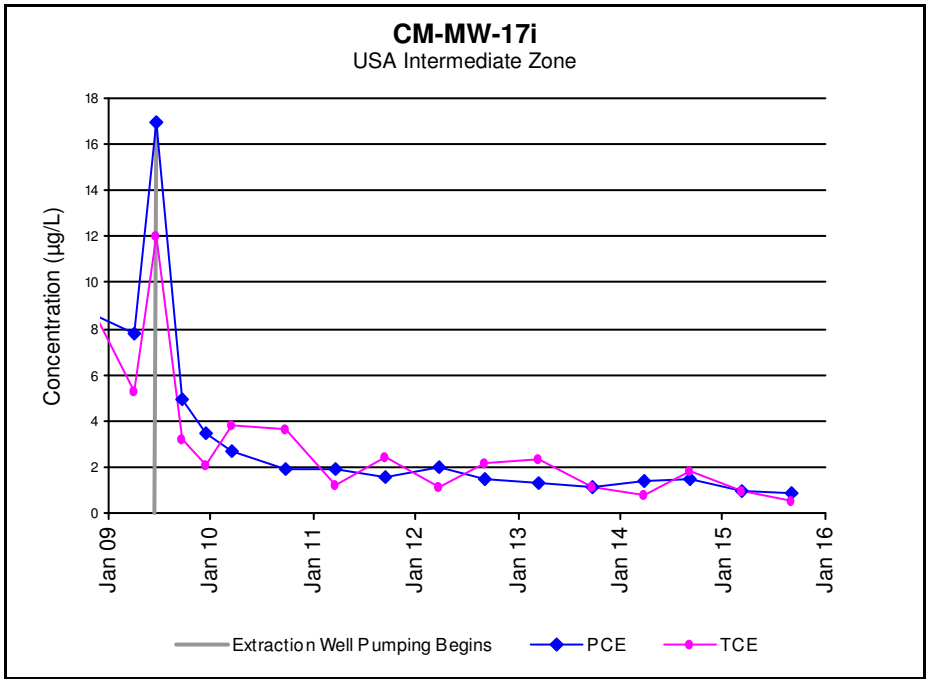

CM-MW-03d-100
USA Intermediate Zone
Concentration (µg/L)
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

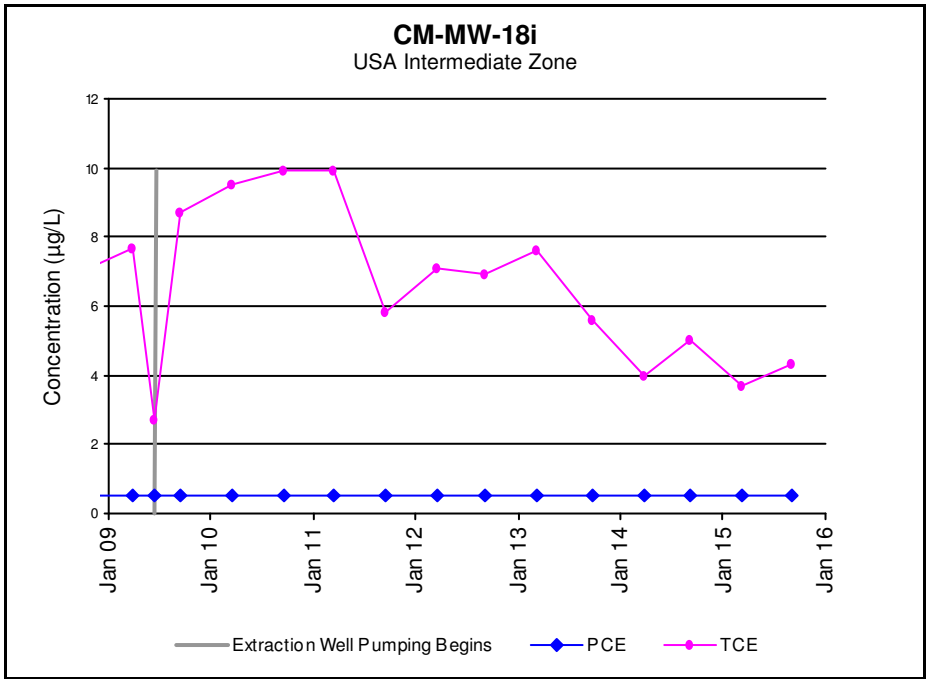

CM-MW-04i
USA Intermediate Zone
Concentration (µg/L)
200
180
160
140
120
100
80
60
40
20
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

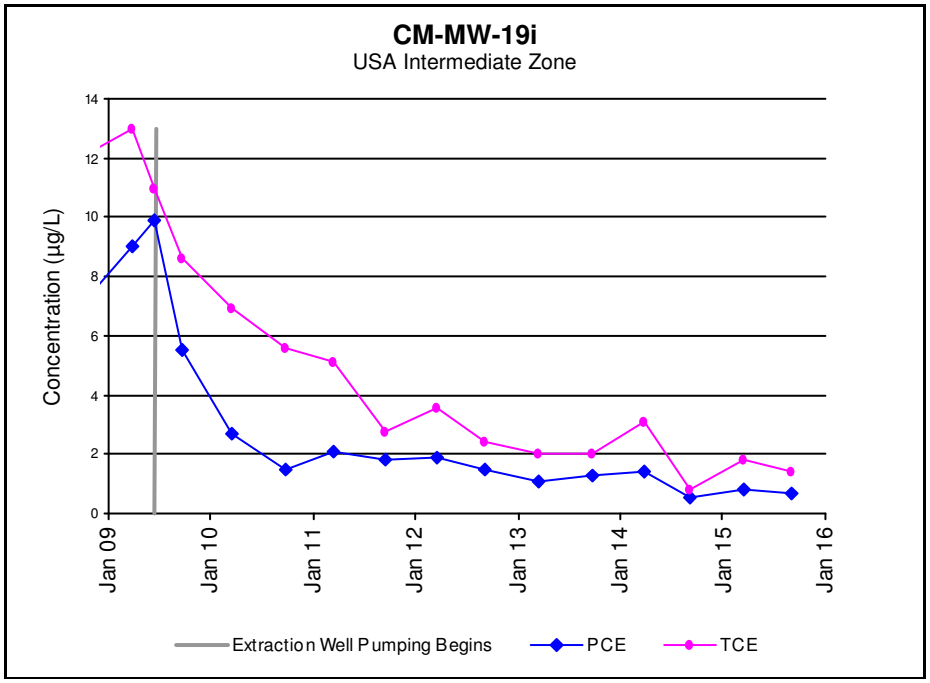

CM-MW-05i
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

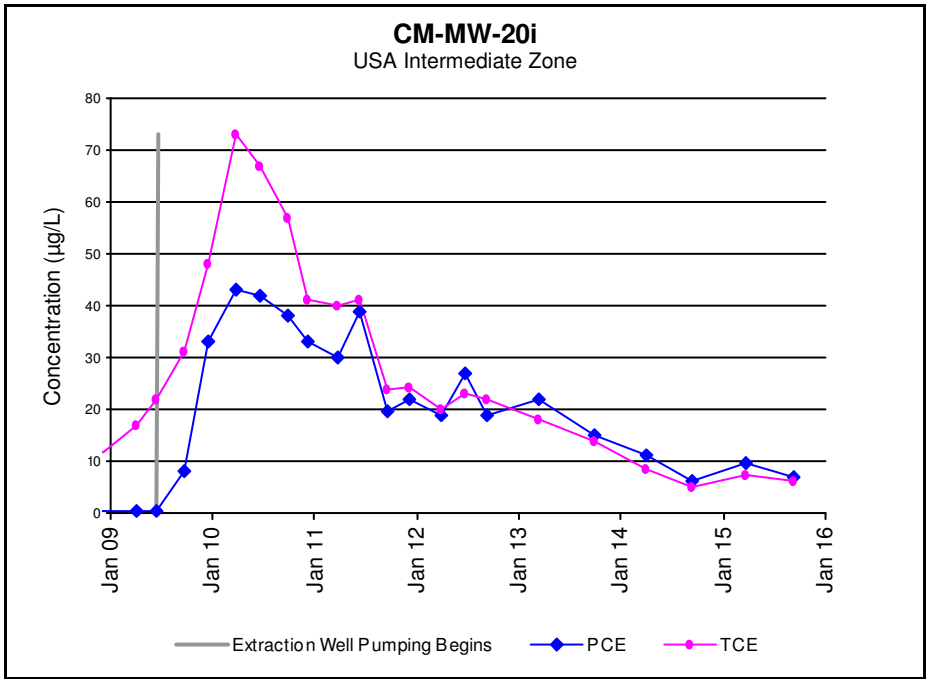

CM-MW-07i
USA Intermediate Zone
Concentration (µg/L)
0
5
10
15
20
25
30
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

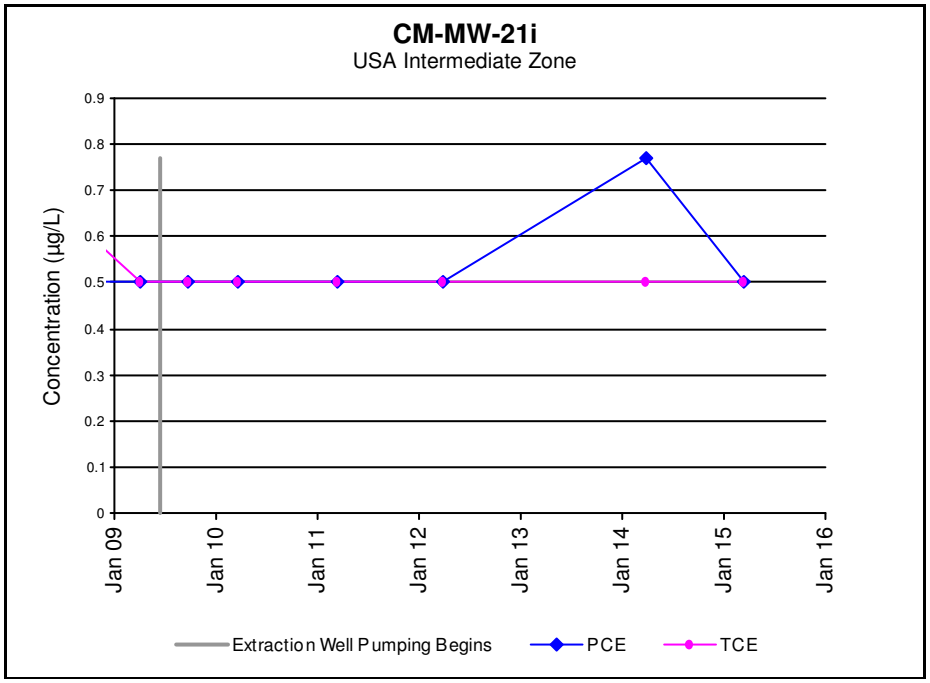

CM-MW-15s
USA Intermediate Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

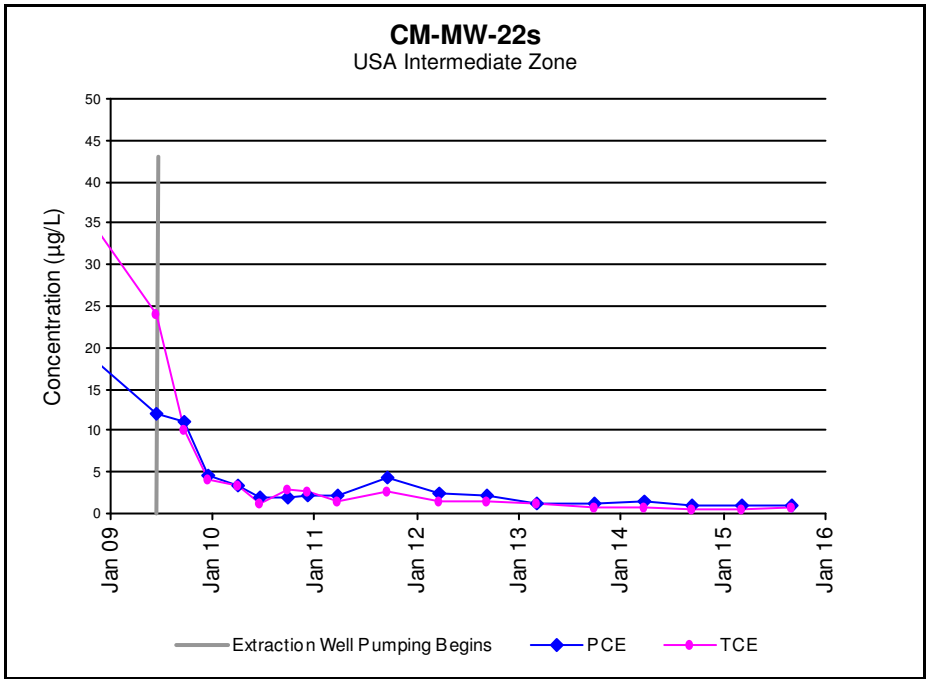

CM-MW-17i
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
18
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

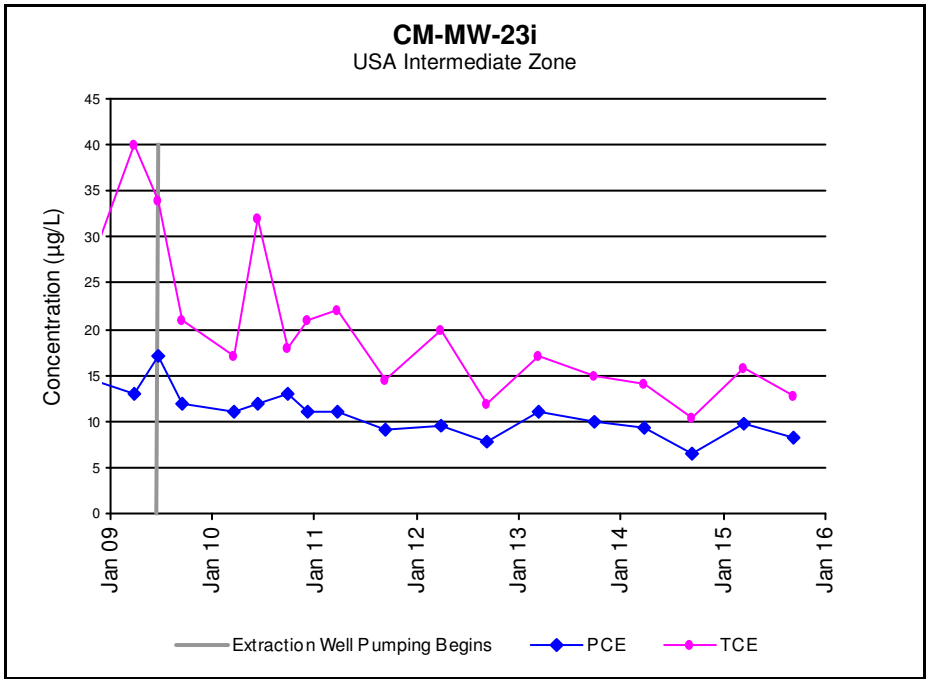

CM-MW-18i
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

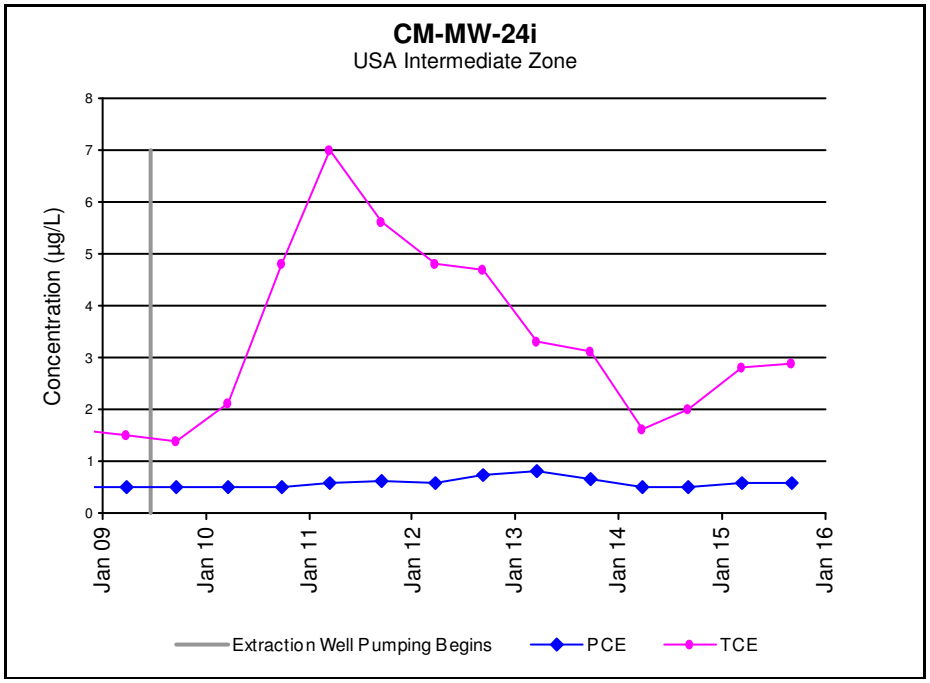

CM-MW-19i
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

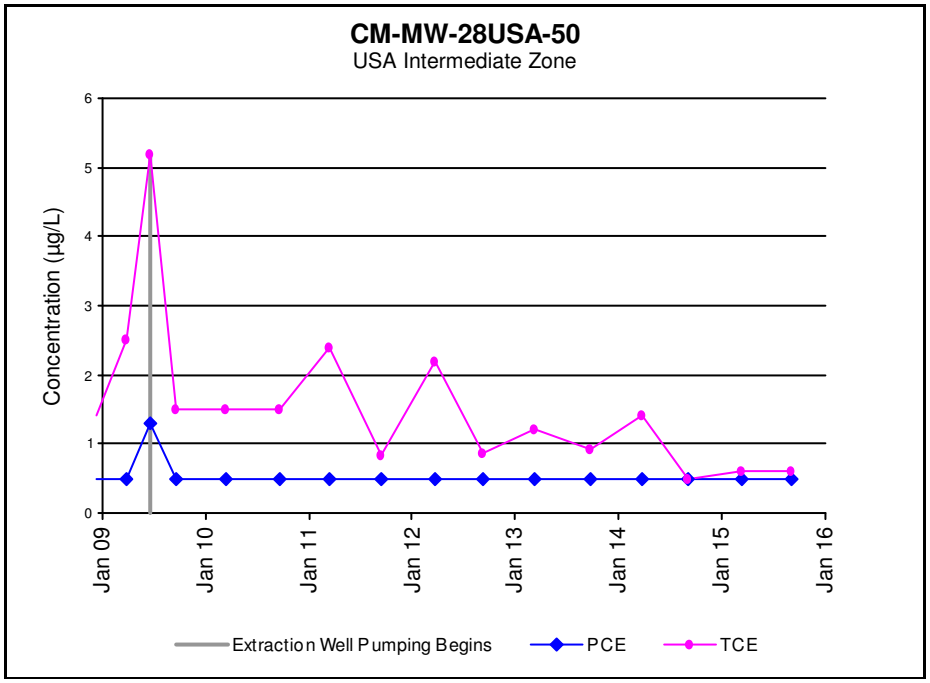

CM-MW-20i
USA Intermediate Zone
Concentration (µg/L)
0
10
20
30
40
50
60
70
80
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

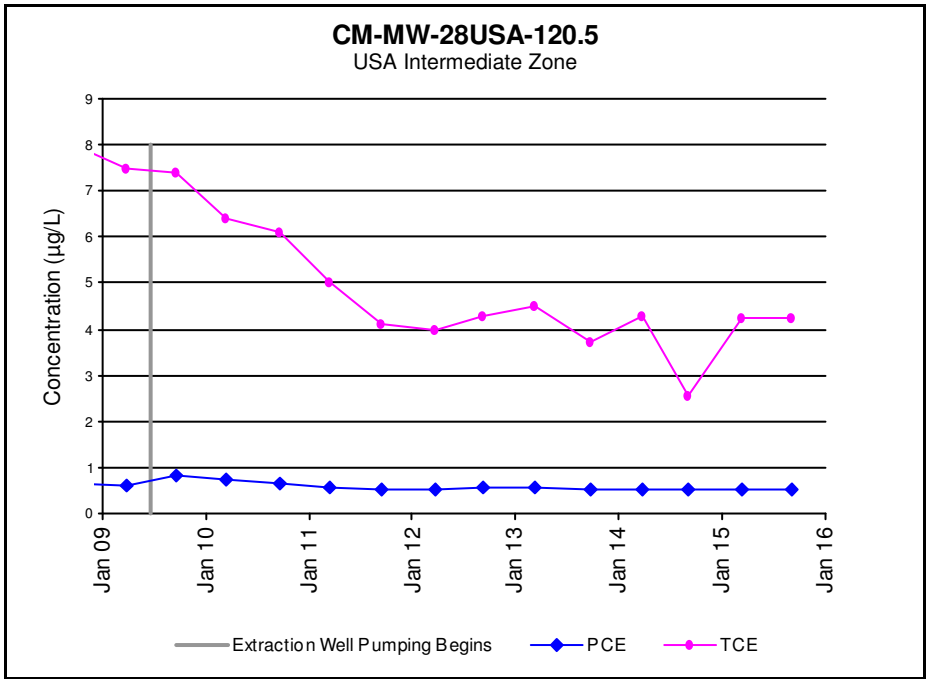

CM-MW-21i
USA Intermediate Zone
Concentration (µg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

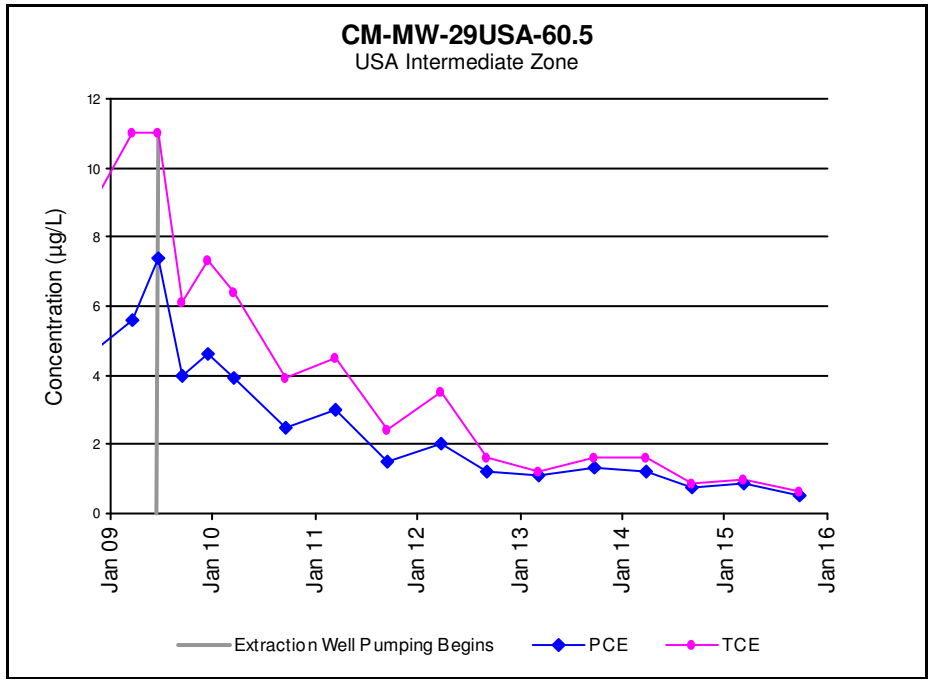

CM-MW-22s
USA Intermediate Zone
Concentration (µg/L)
50
45
40
35
30
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

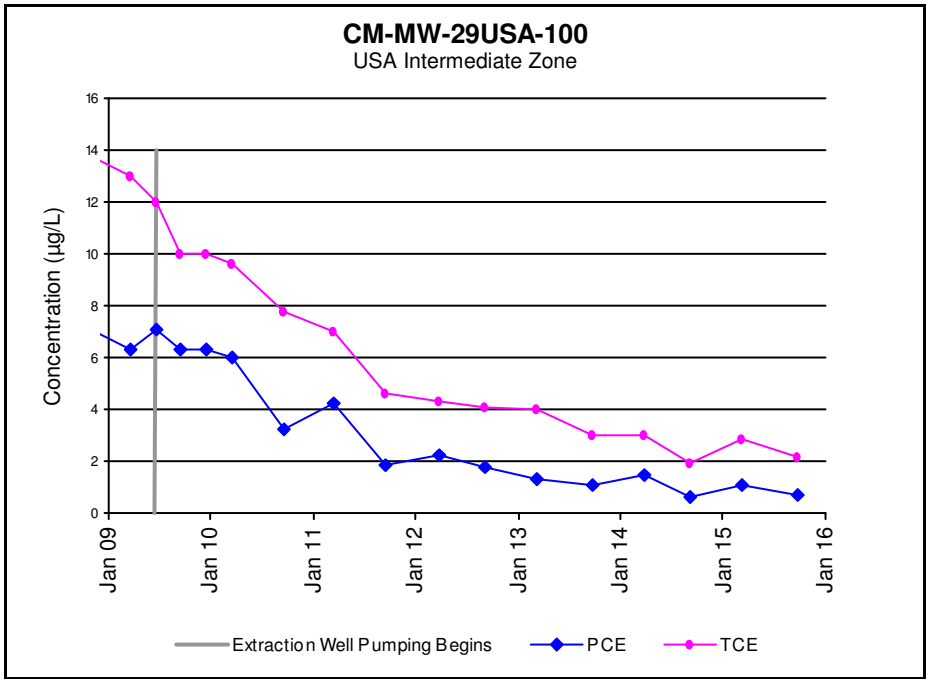

CM-MW-23i
USA Intermediate Zone
Concentration (µg/L)
45
40
35
30
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

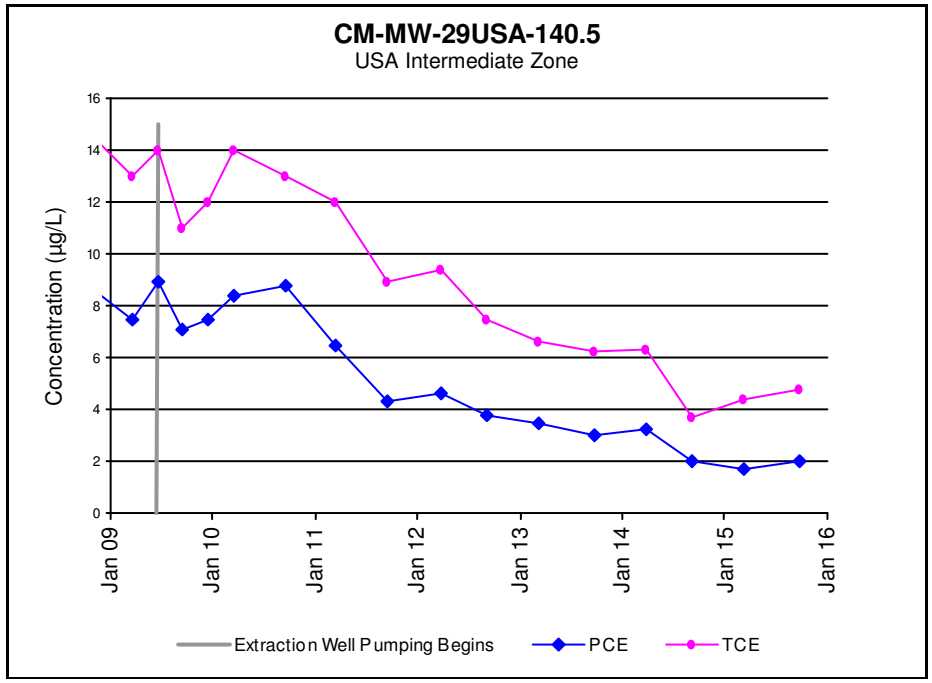

CM-MW-24i
USA Intermediate Zone
Concentration (µg/L)
8
7
6
5
4
3
2
1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

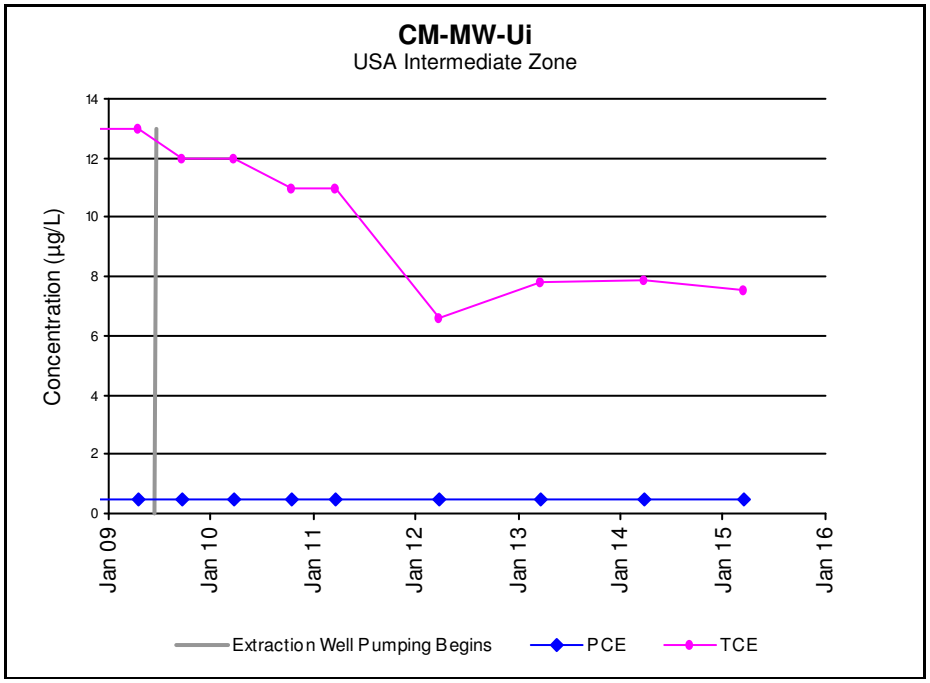

CM-MW-28USA-50
USA Intermediate Zone
Concentration (µg/L)
6
5
4
3
2
1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

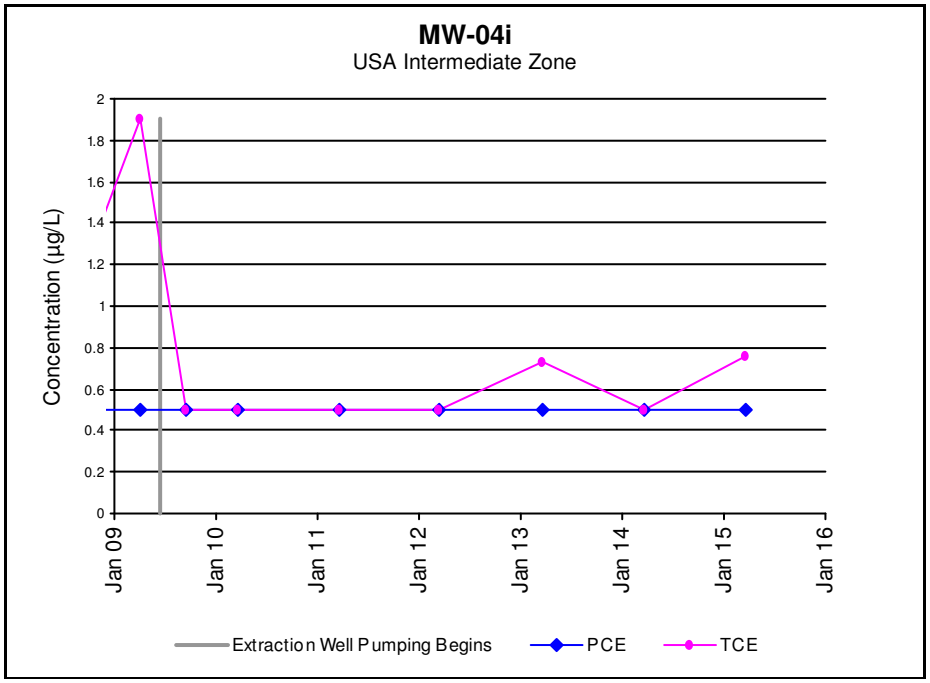

CM-MW-28USA-120.5
USA Intermediate Zone
Concentration (µg/L)
0
1
2
3
4
5
6
7
8
9
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

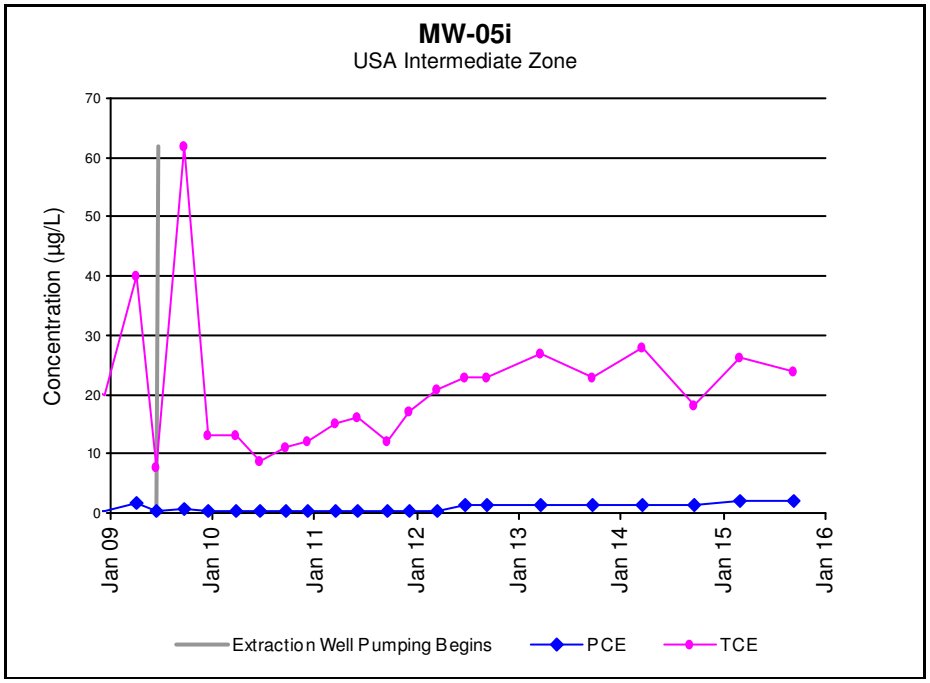

CM-MW-29USA-60.5
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

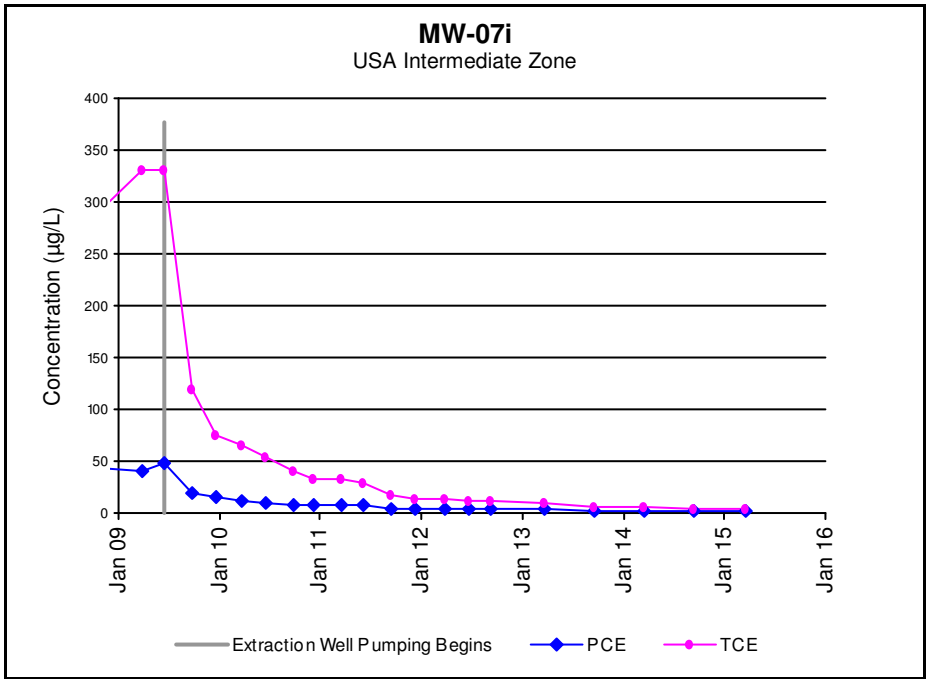

CM-MW-29USA-100
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

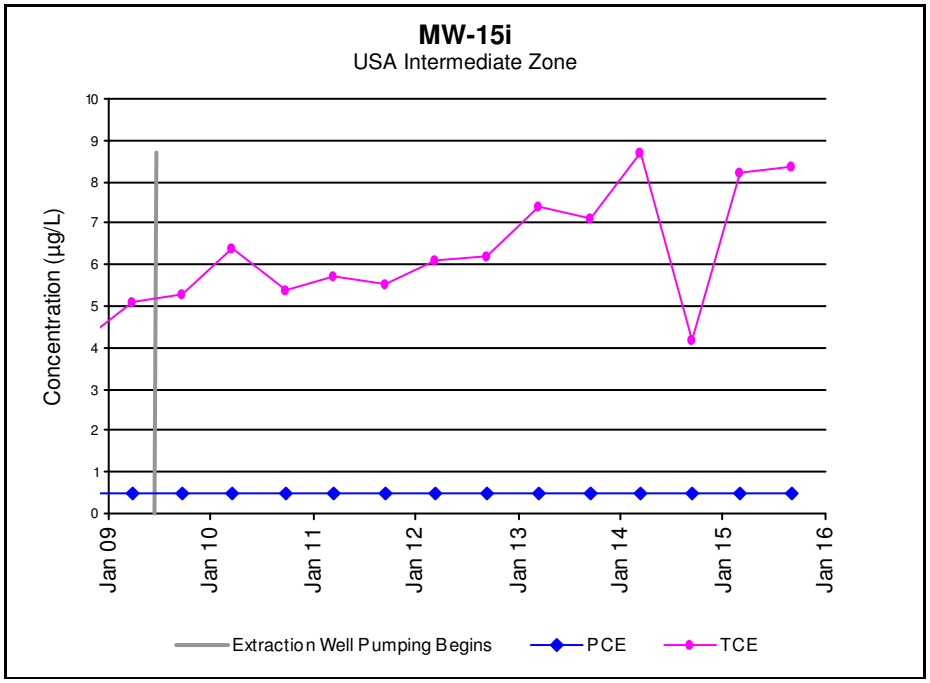

CM-MW-29USA-140.5
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

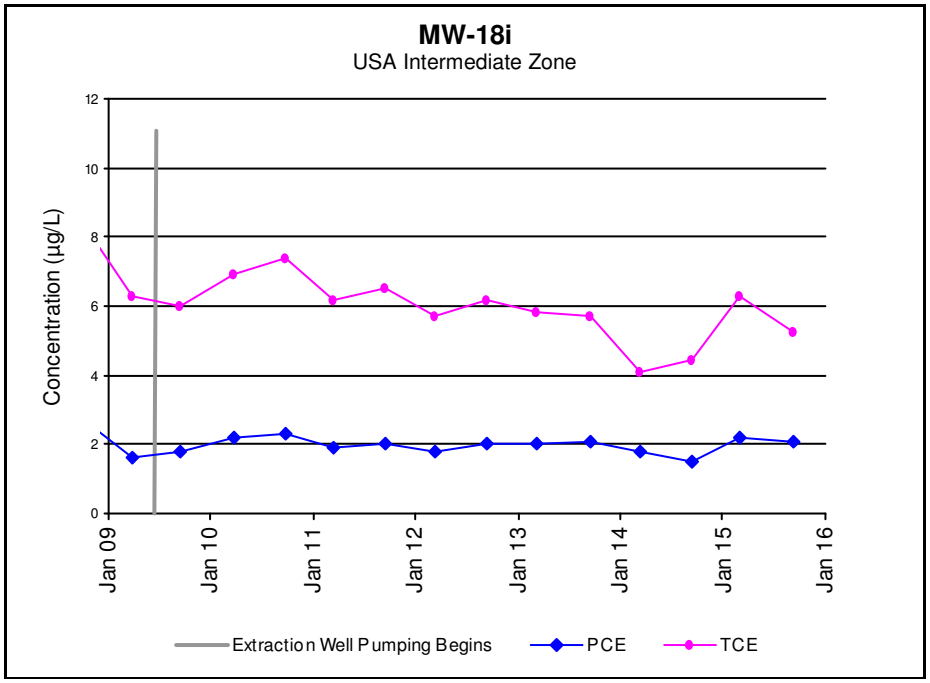

CM-MW-Ui
USA Intermediate Zone
Concentration (µg/L)
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

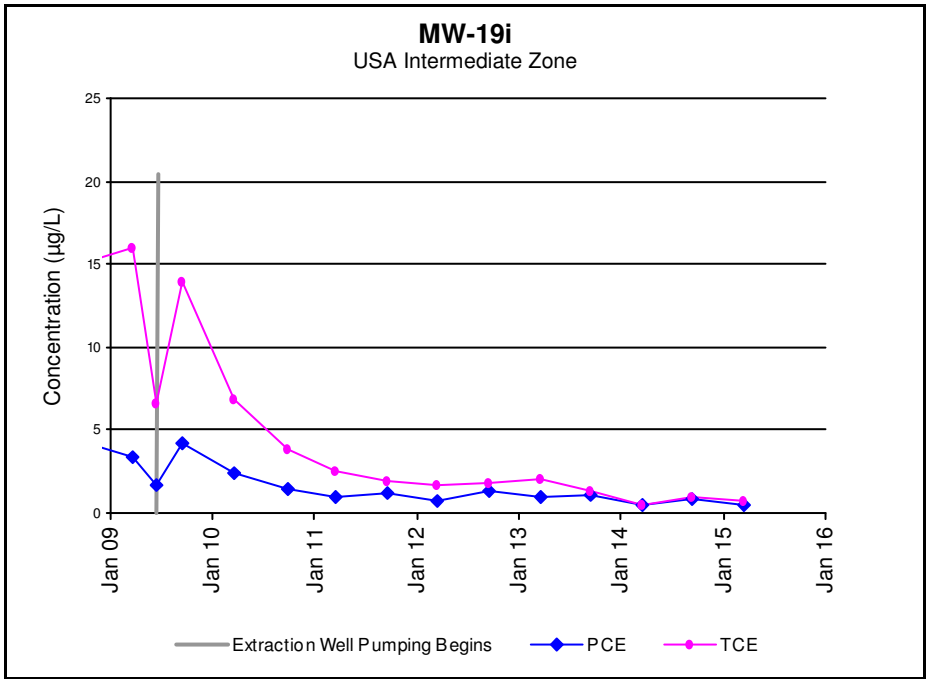

MW-04i
USA Intermediate Zone
Concentration (µg/L)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

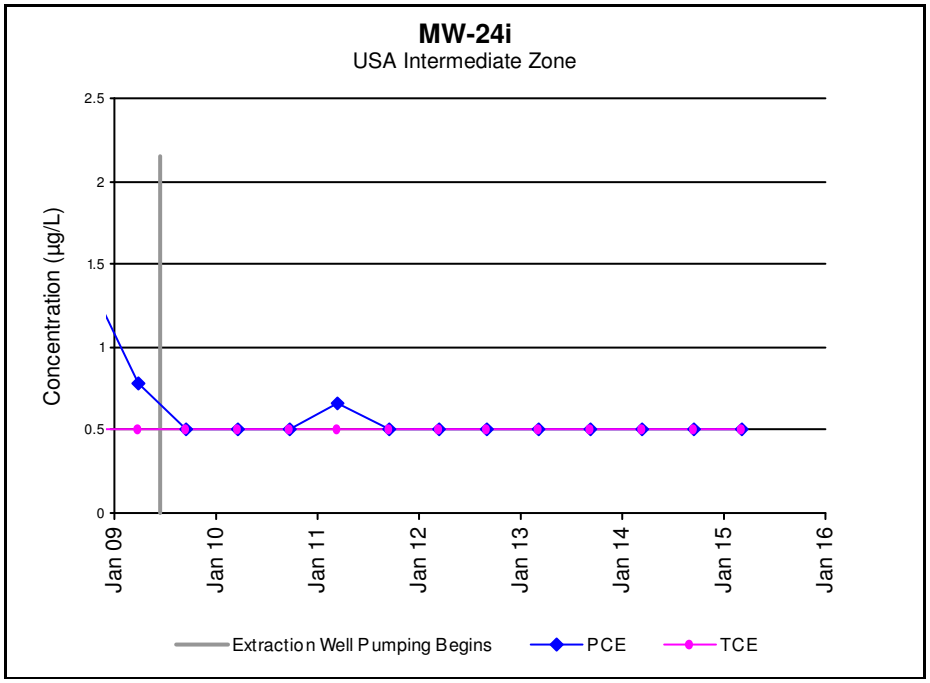

MW-05i
USA Intermediate Zone
Concentration (µg/L)
70
60
50
40
30
20
10
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

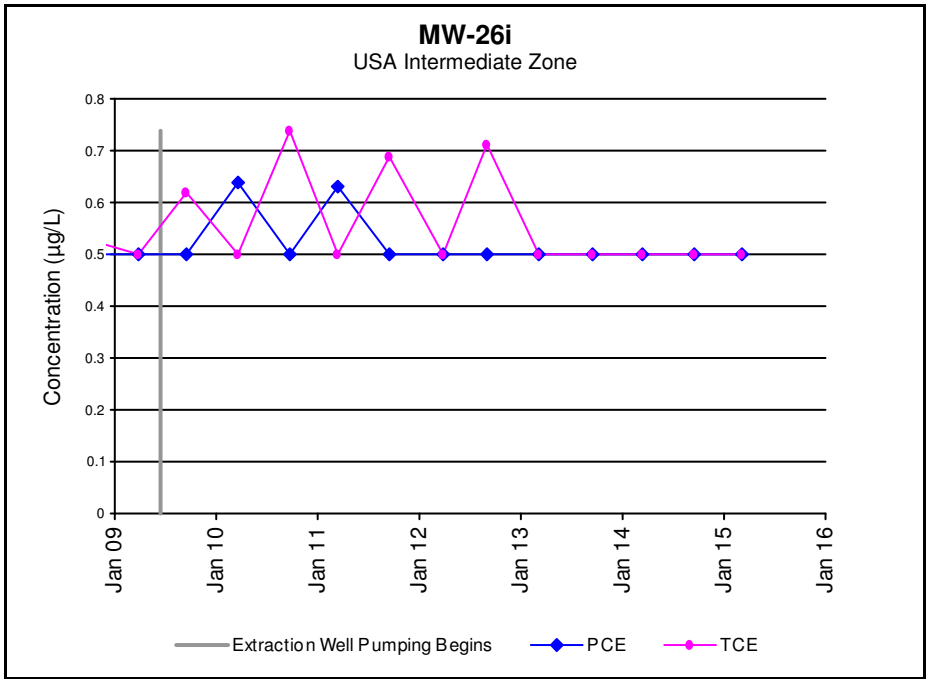

MW-07i
USA Intermediate Zone
Concentration (µg/L)
400
350
300
250
200
150
100
50
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

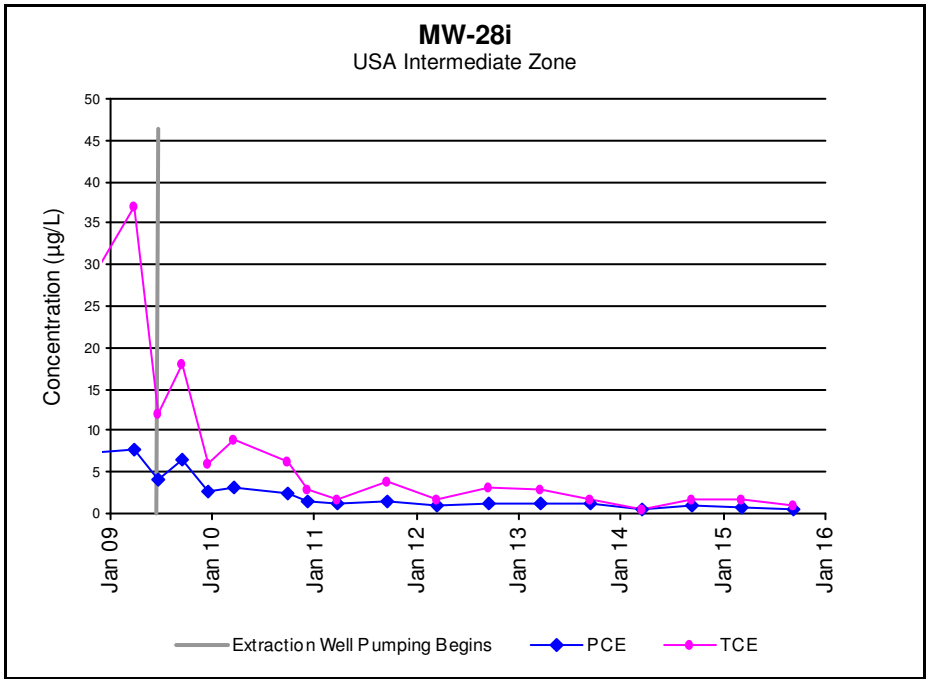

MW-15i
USA Intermediate Zone
Concentration (µg/L)
0
1
2
3
4
5
6
7
8
9
10
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

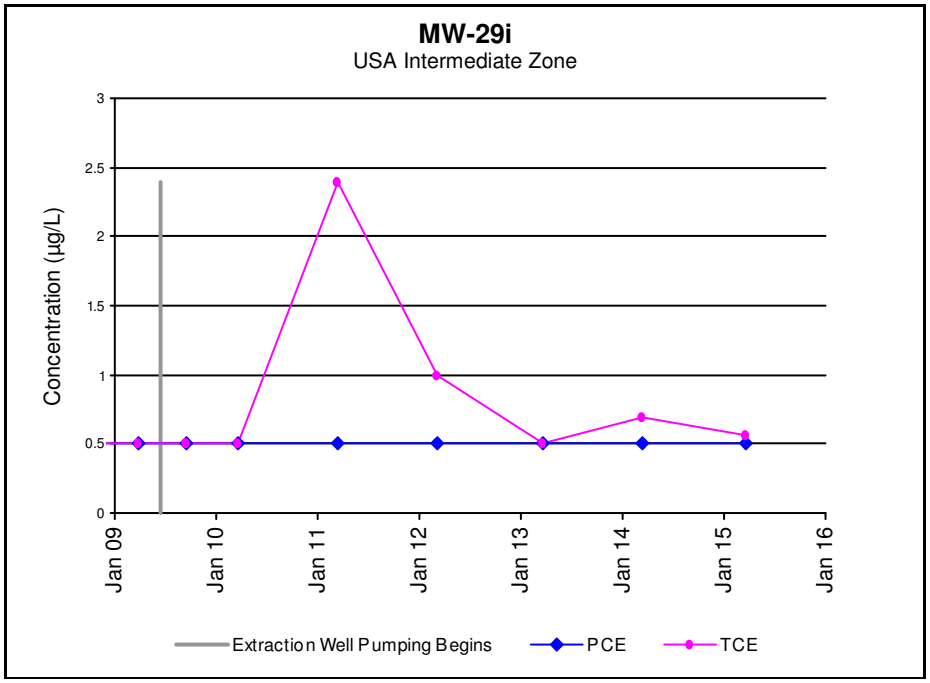

MW-18i
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

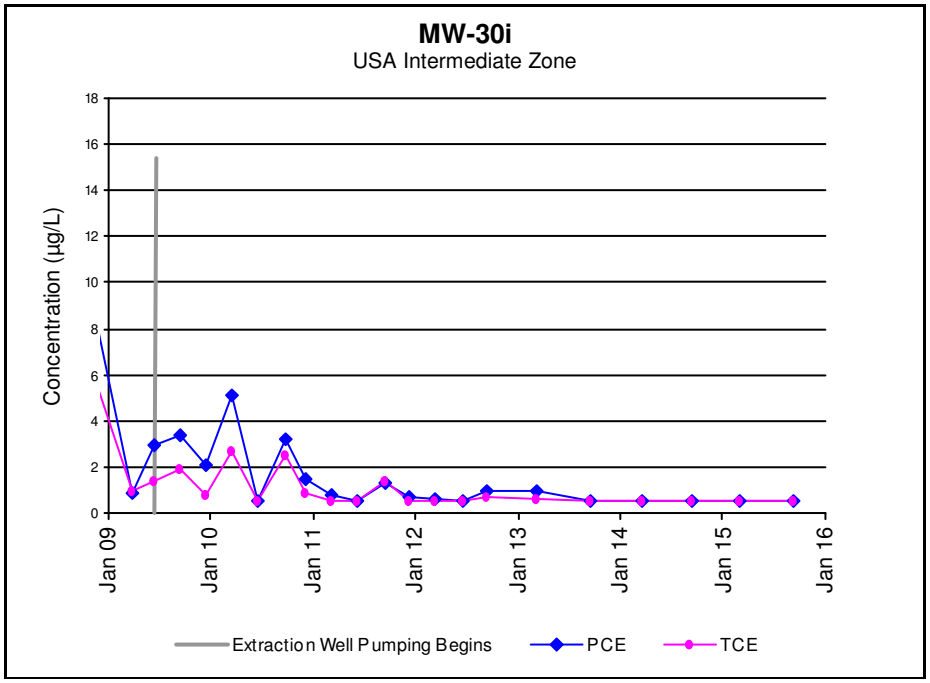

MW-19i
USA Intermediate Zone
Concentration (µg/L)
0
5
10
15
20
25
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

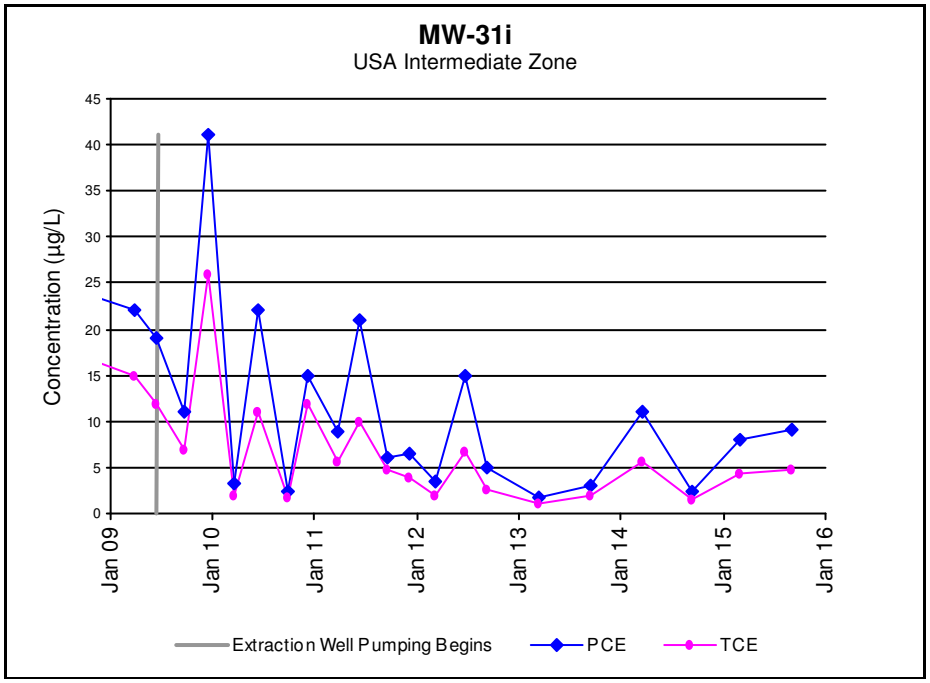

MW-24i
USA Intermediate Zone
Concentration (µg/L)
0
0.5
1
1.5
2
2.5
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

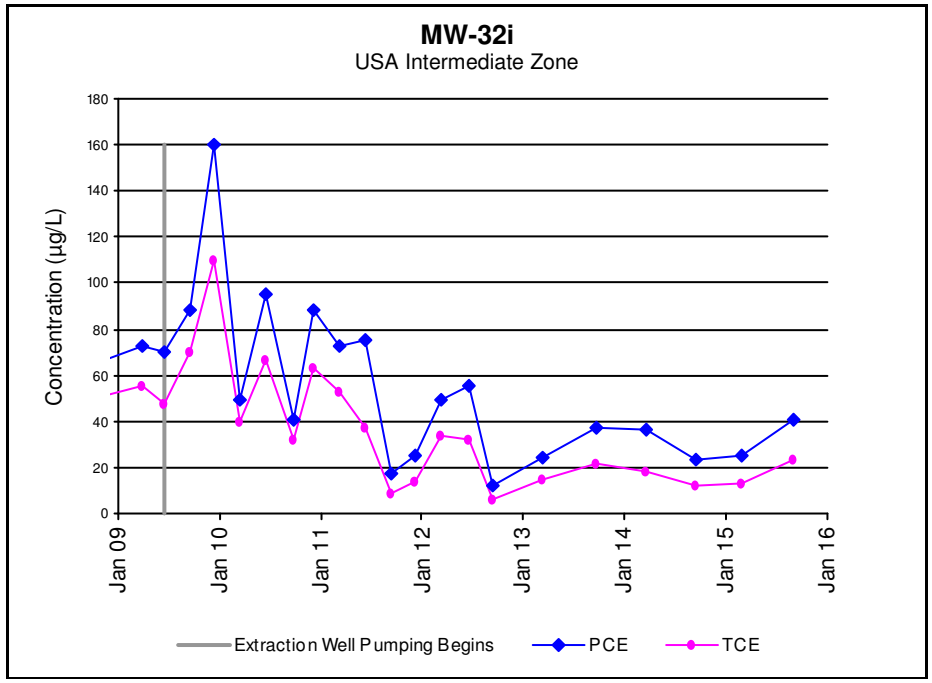

MW-26i
USA Intermediate Zone
Concentration (µg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

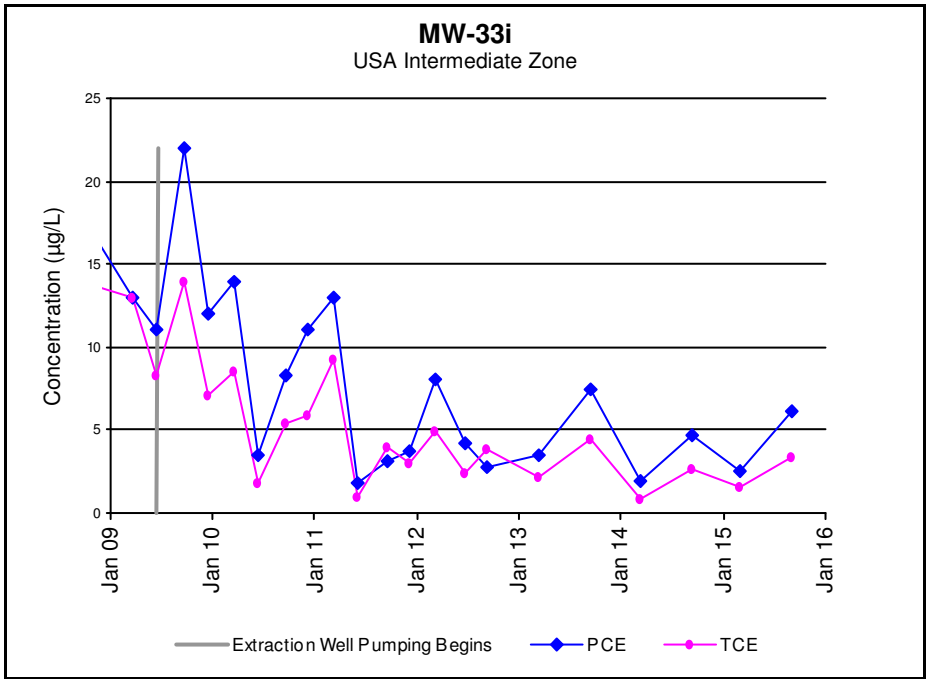

MW-28i
USA Intermediate Zone
Concentration (µg/L)
50
45
40
35
30
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

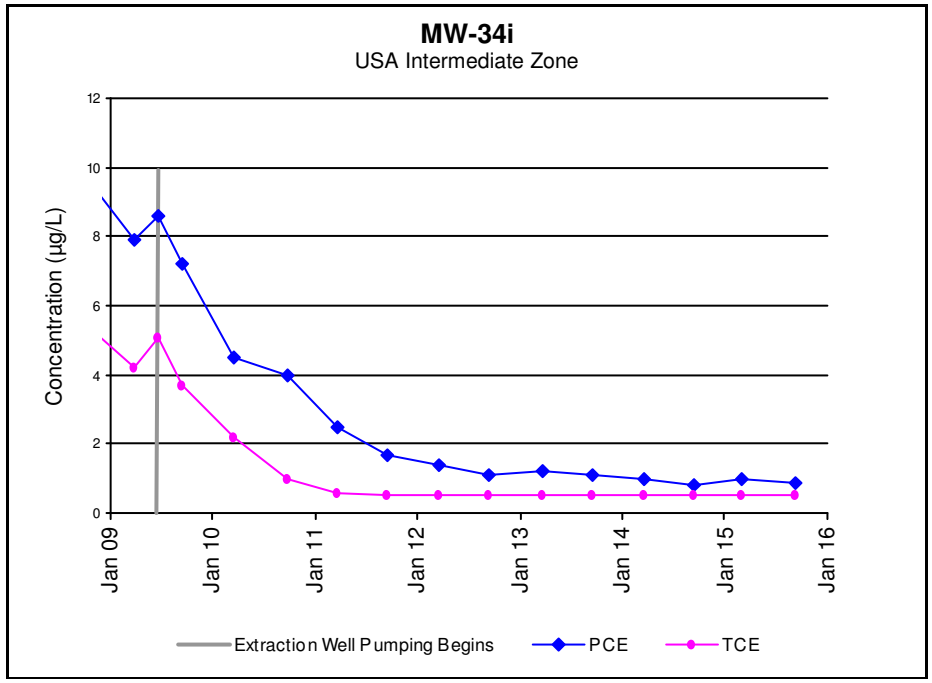

MW-29i
USA Intermediate Zone
Concentration (µg/L)
3
2.5
2
1.5
1
0.5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

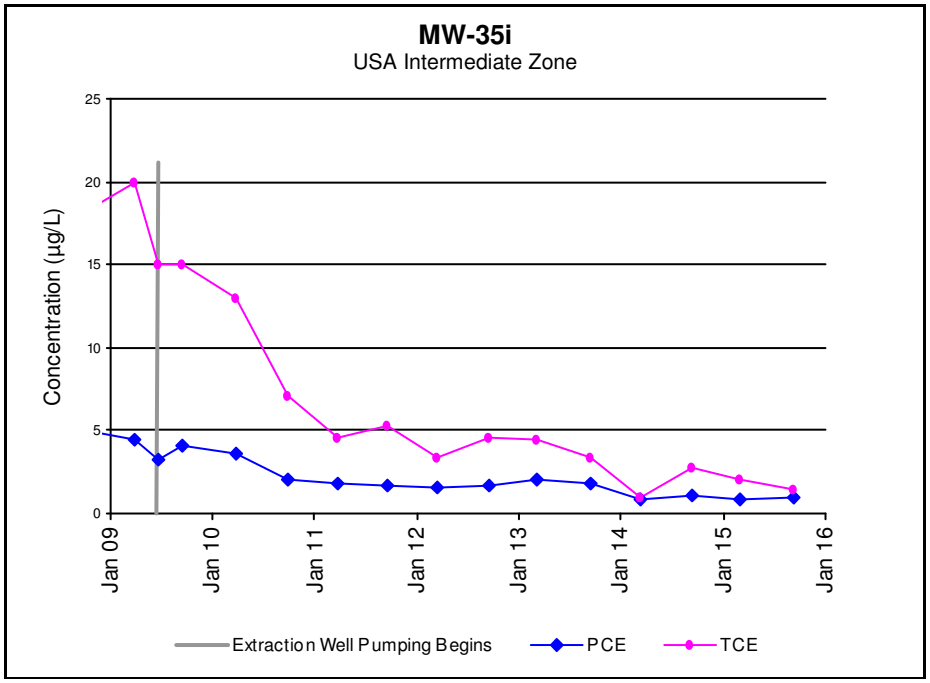

MW-30i
USA Intermediate Zone
Concentration (µg/L)
18
16
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

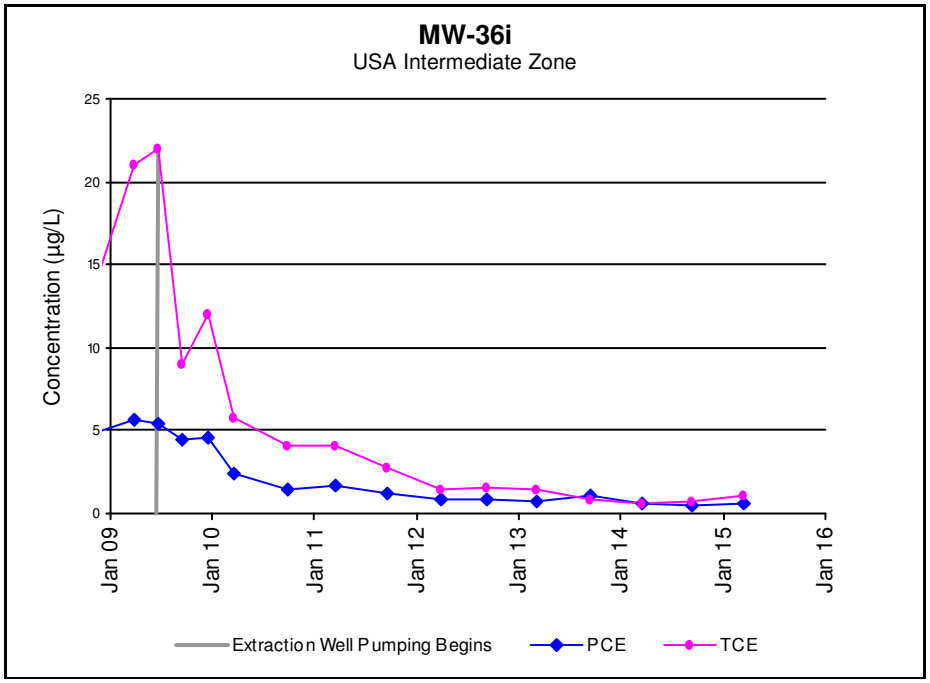

MW-31i
USA Intermediate Zone
Concentration (µg/L)
45
40
35
30
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

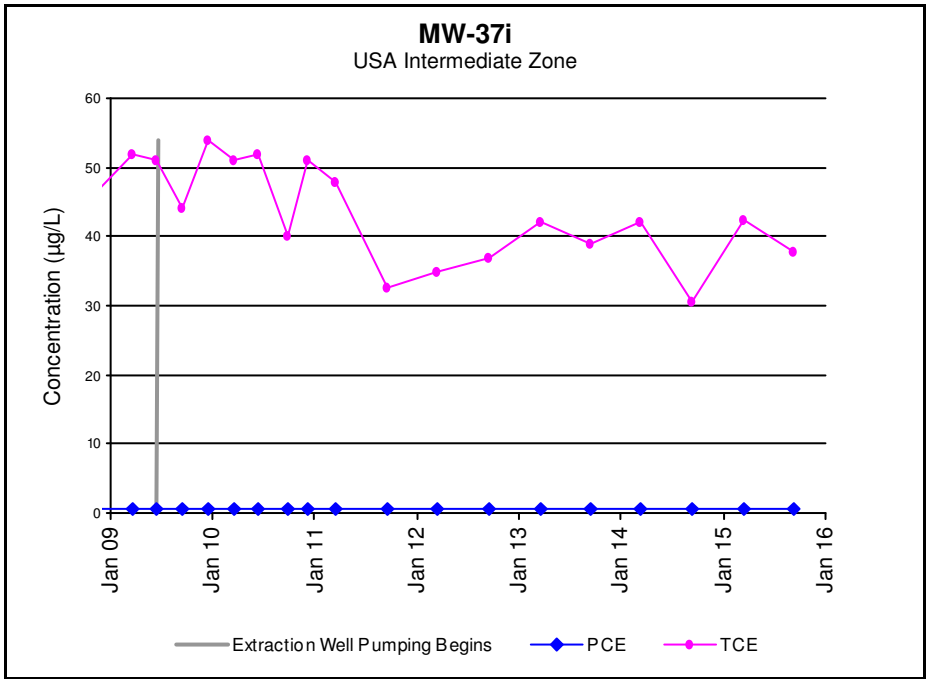

MW-32i
USA Intermediate Zone
Concentration (µg/L)
180
160
140
120
100
80
60
40
20
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

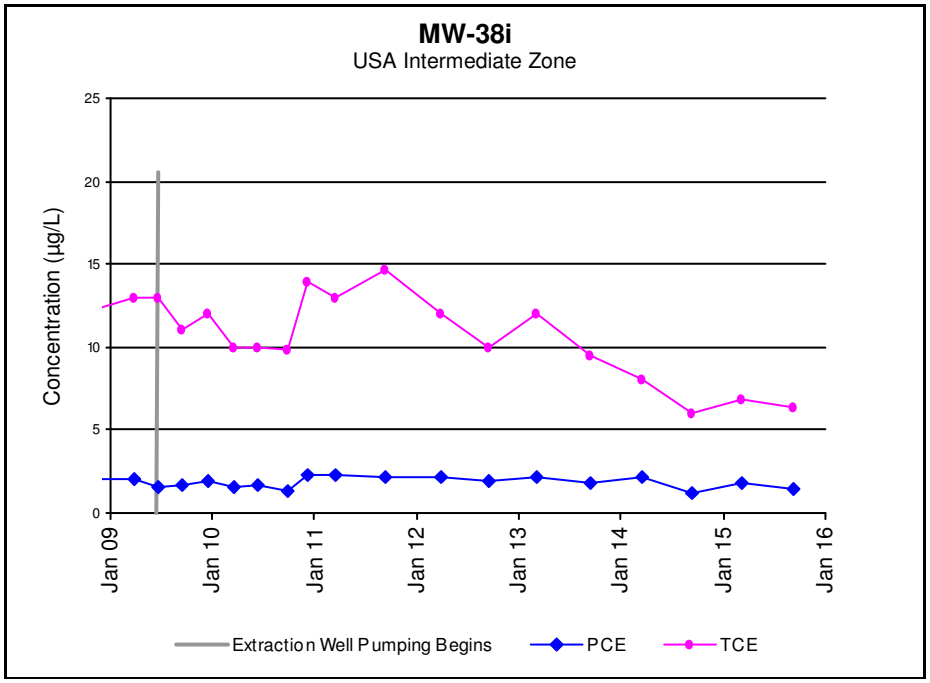

MW-33i
USA Intermediate Zone
Concentration (µg/L)
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

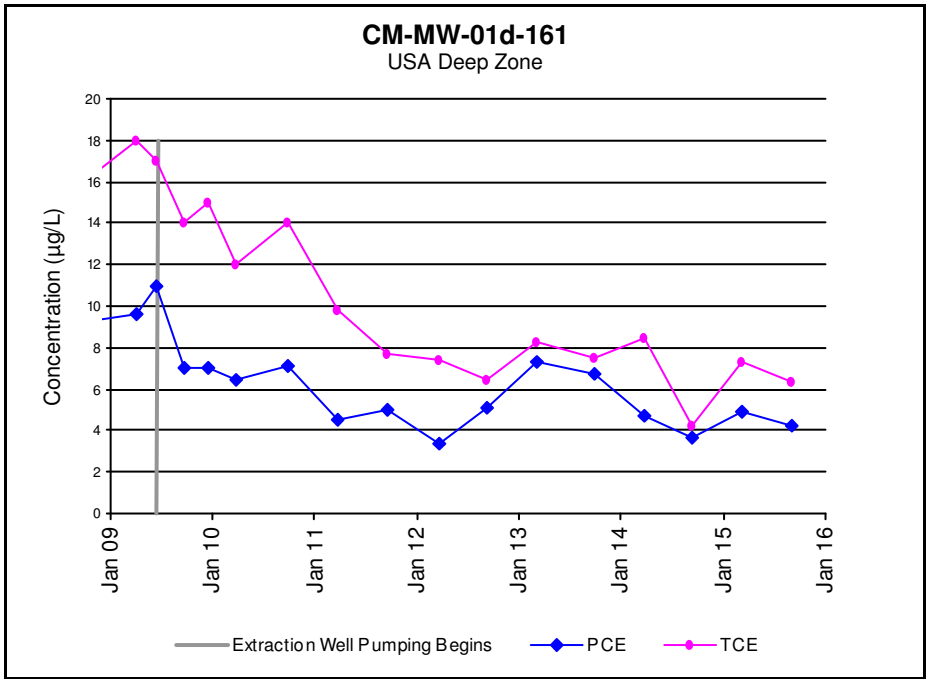

MW-34i
USA Intermediate Zone
Concentration (µg/L)
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

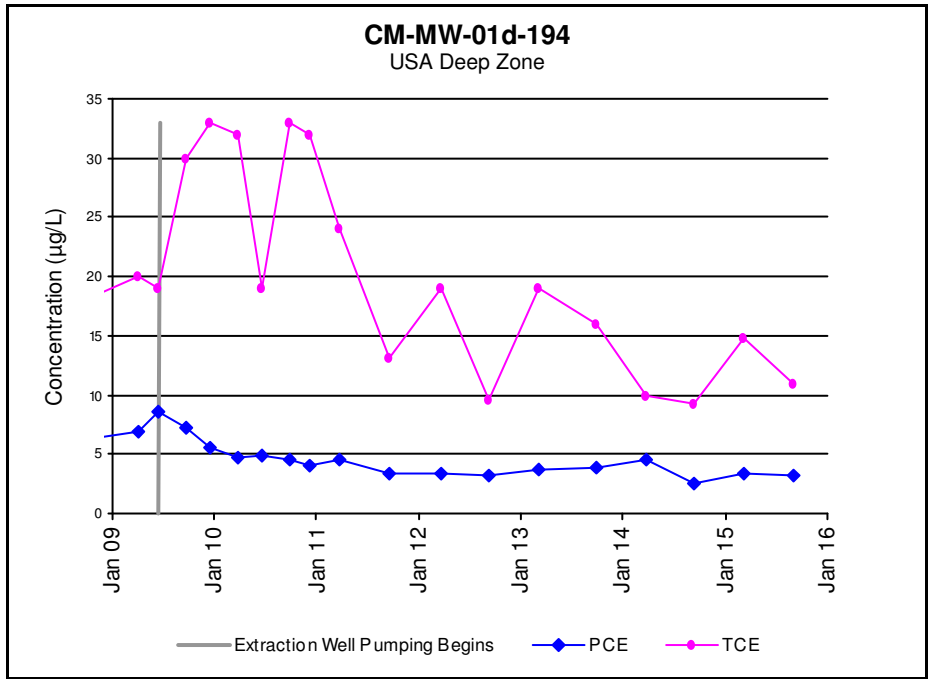

MW-35i
USA Intermediate Zone
Concentration (µg/L)
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

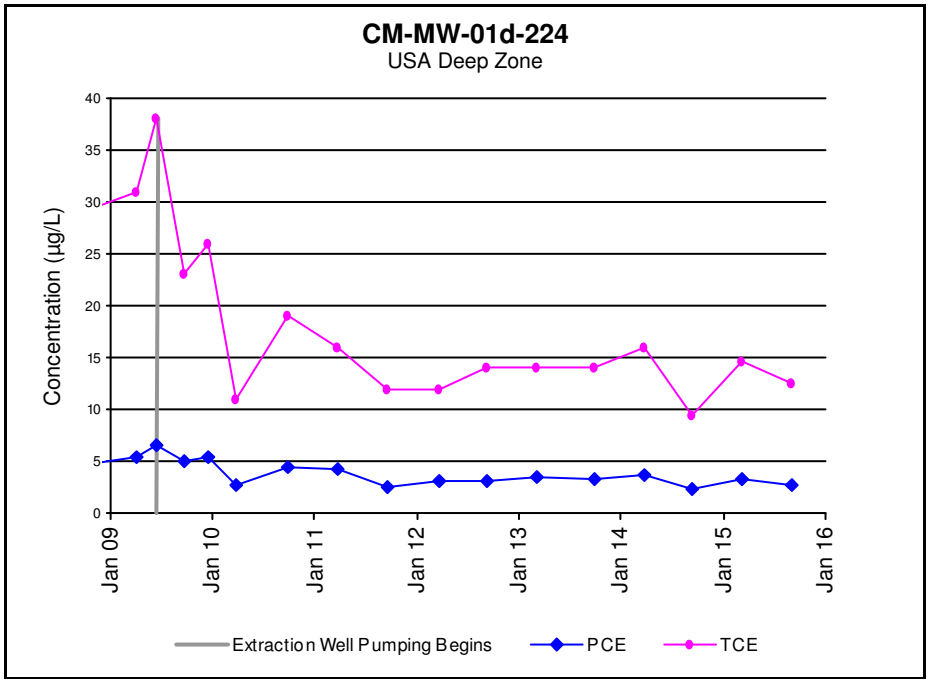

MW-36i
USA Intermediate Zone
Concentration (µg/L)
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

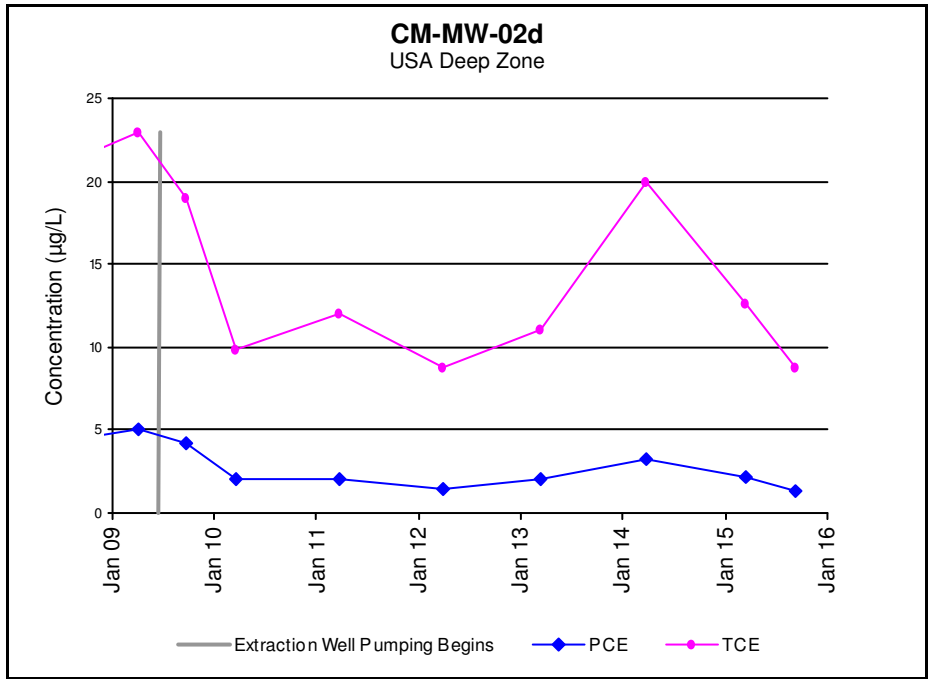

MW-37i
USA Intermediate Zone
Concentration (µg/L)
60
50
40
30
20
10
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

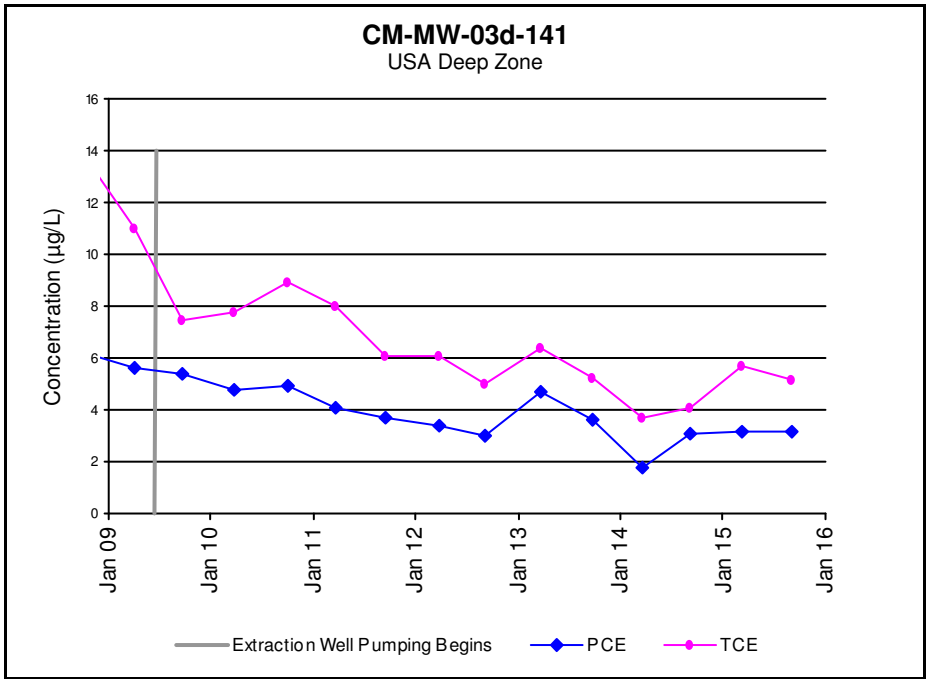

MW-38i
USA Intermediate Zone
Concentration (µg/L)
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

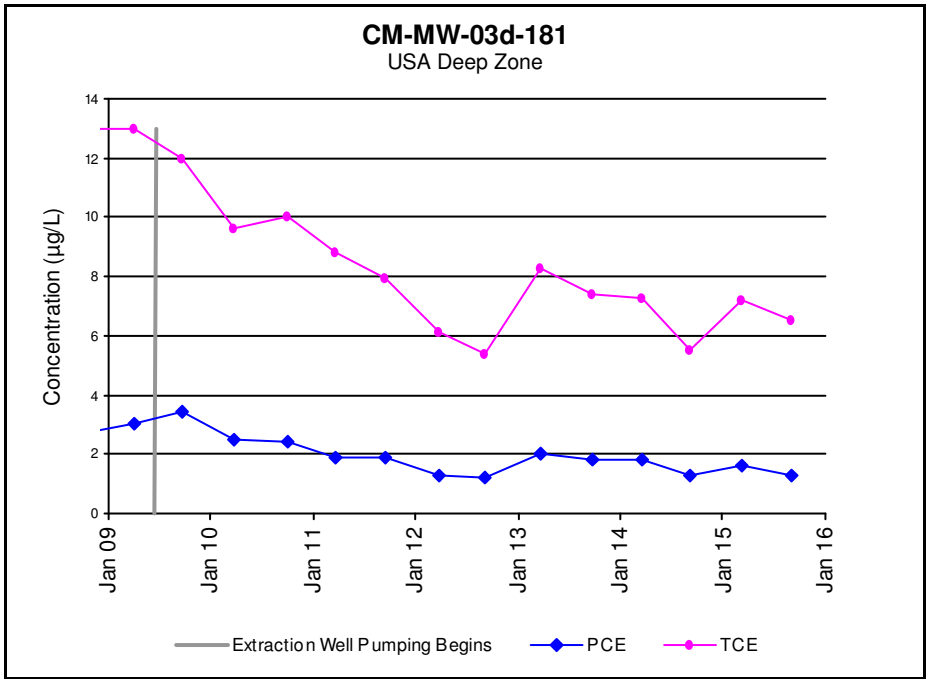

CM-MW-01d-161
USA Deep Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
18
20
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

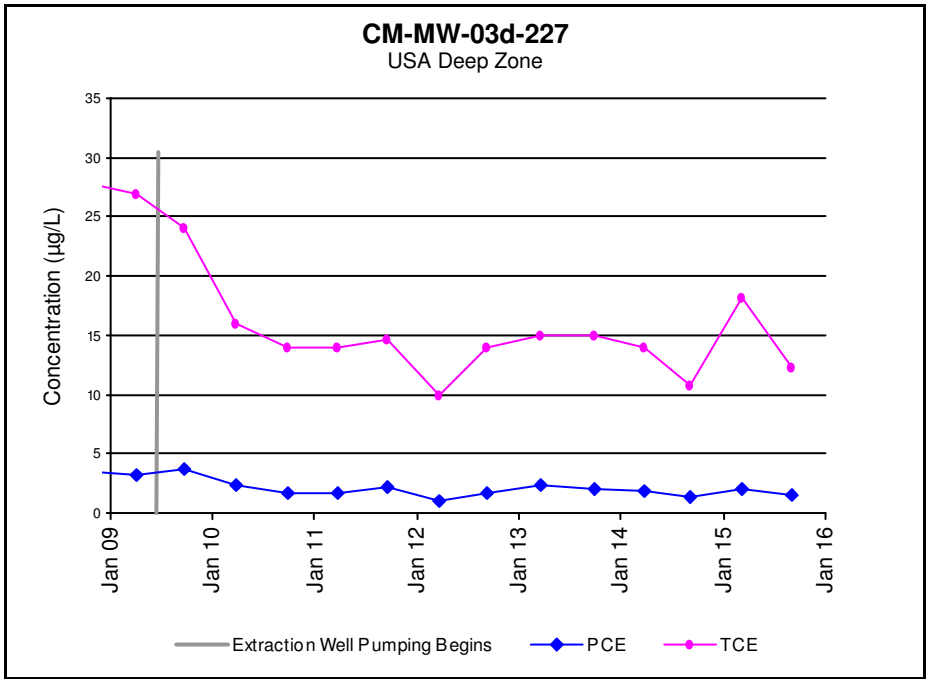

CM-MW-01d-194
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

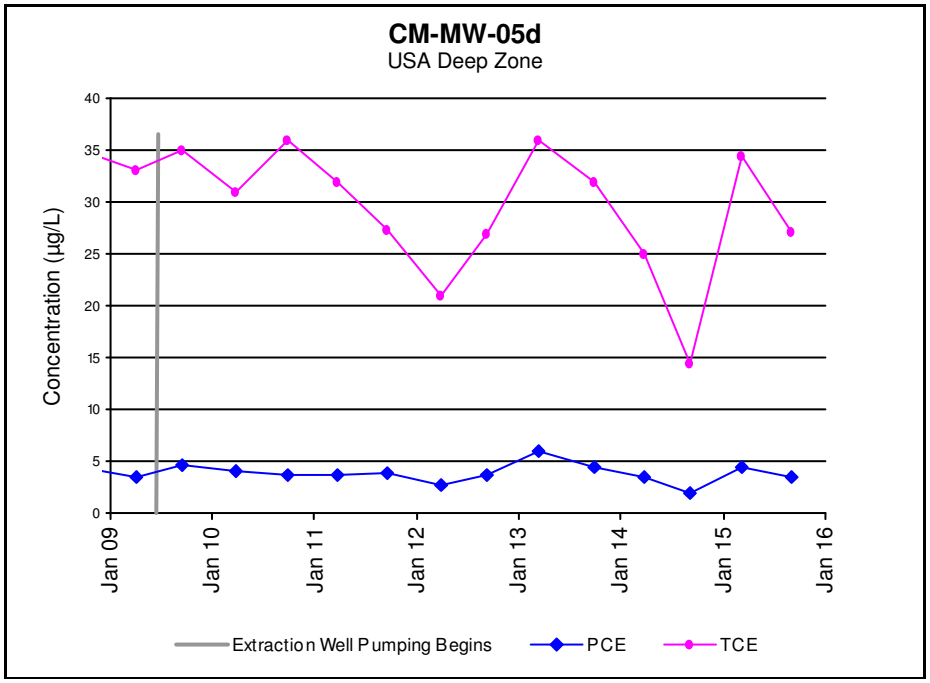

CM-MW-01d-224
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

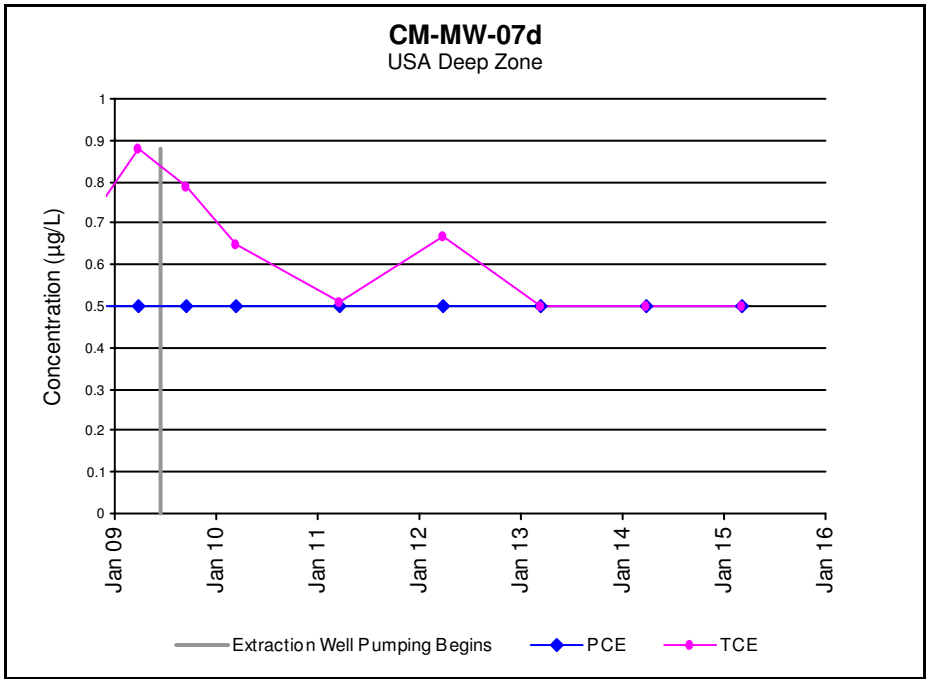

CM-MW-02d
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

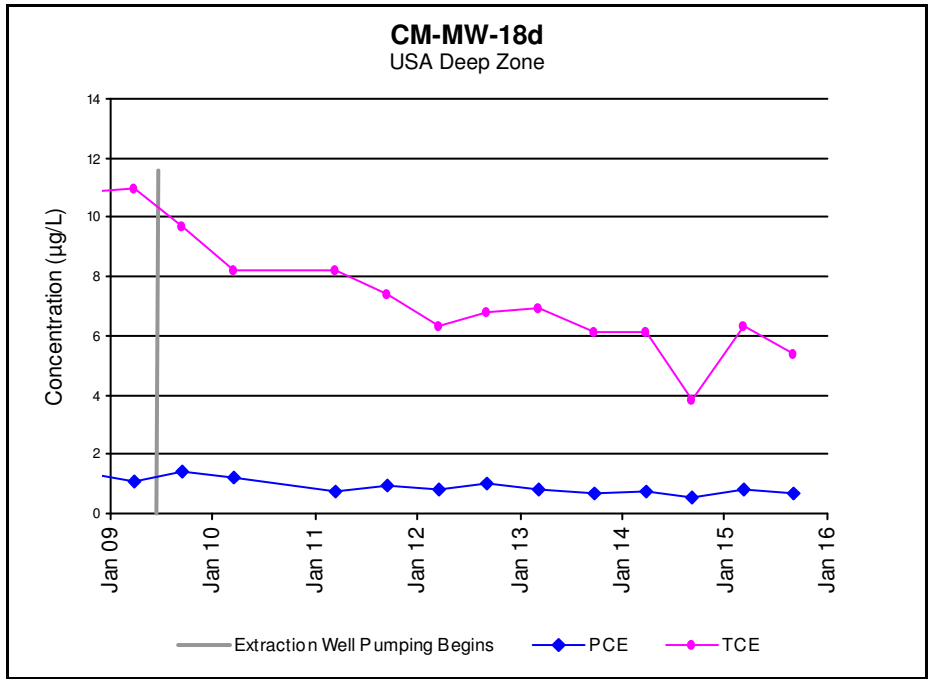

CM-MW-03d-141
USA Deep Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

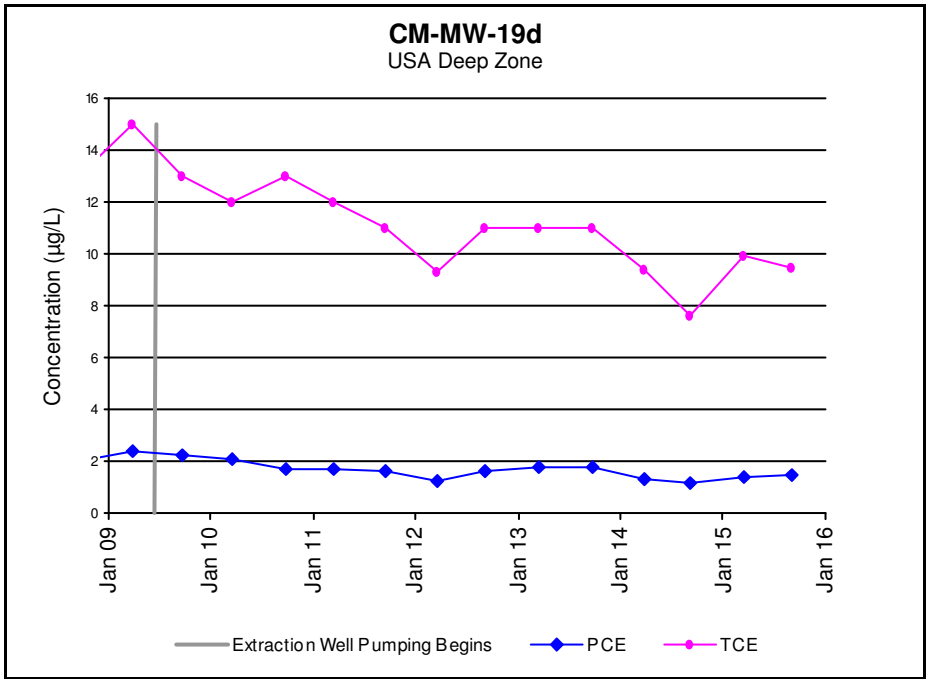

CM-MW-03d-181
USA Deep Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

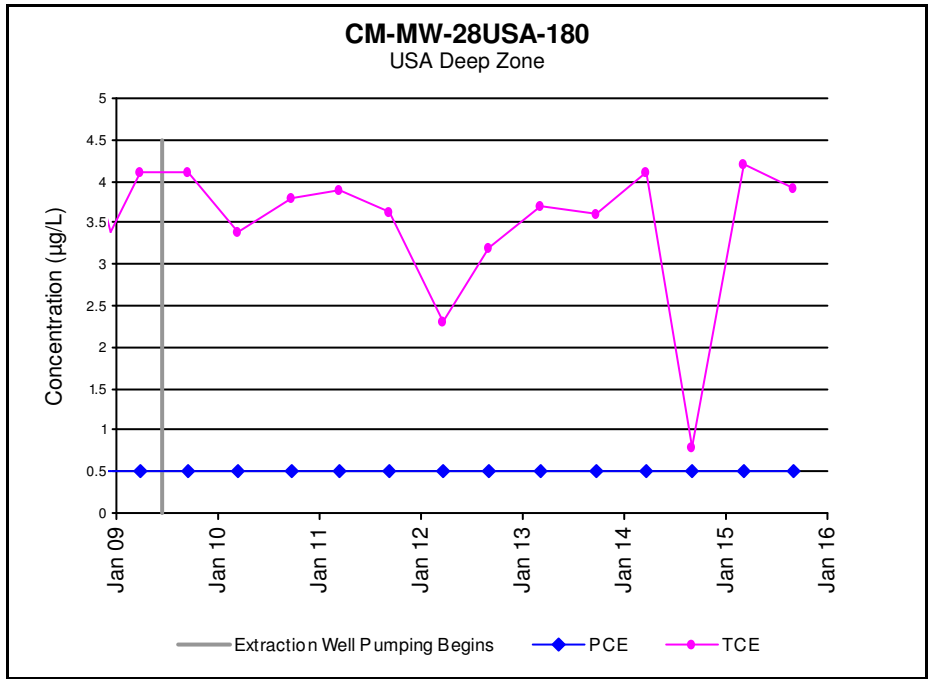

CM-MW-03d-227
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

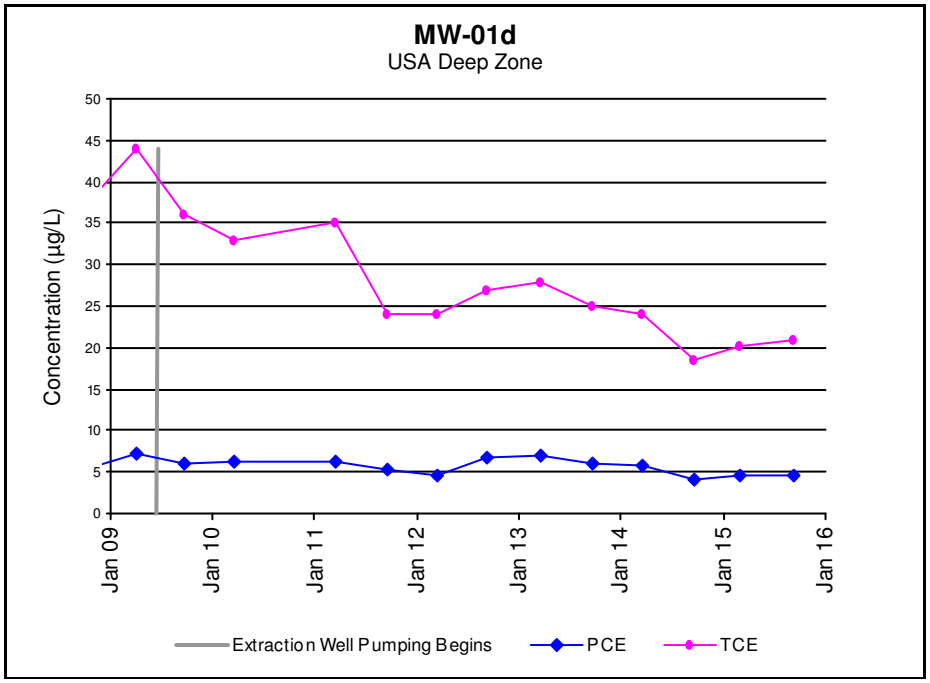

CM-MW-05d
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

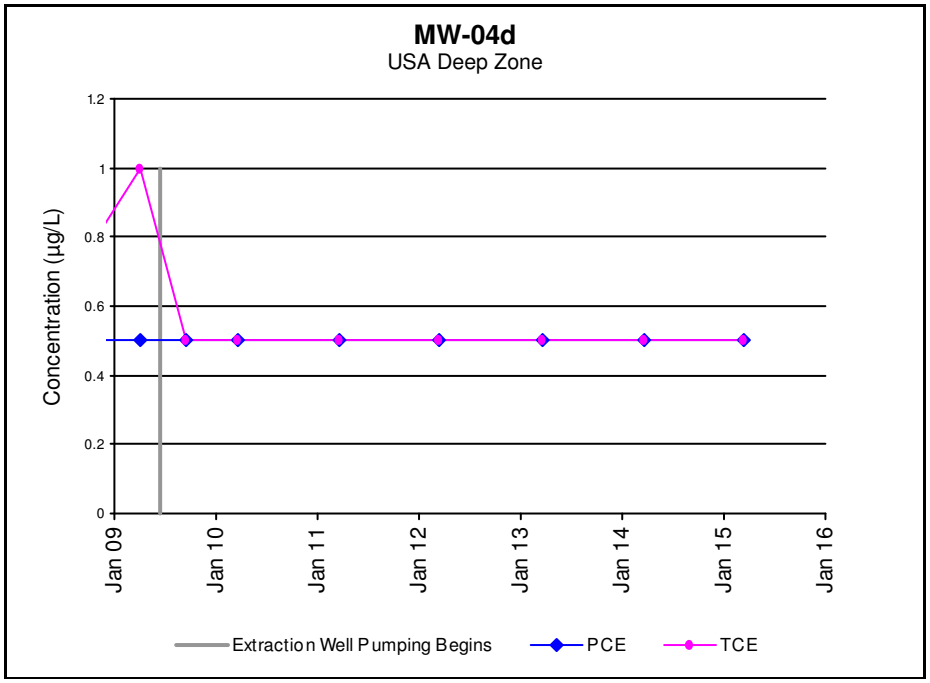

CM-MW-07d
USA Deep Zone
Concentration (µg/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

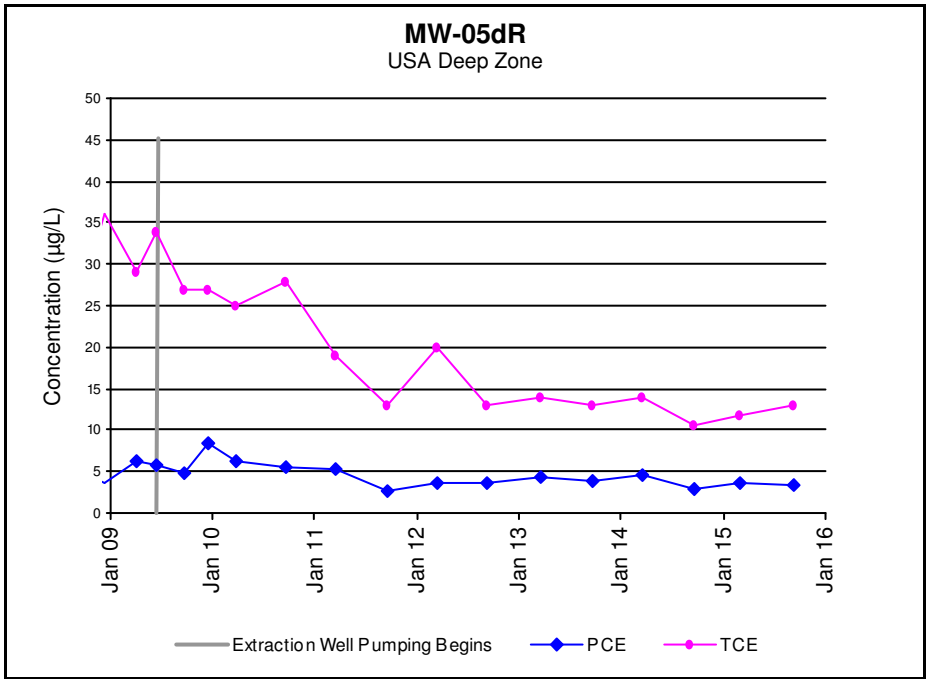

CM-MW-18d
USA Deep Zone
Concentration (µg/L)
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

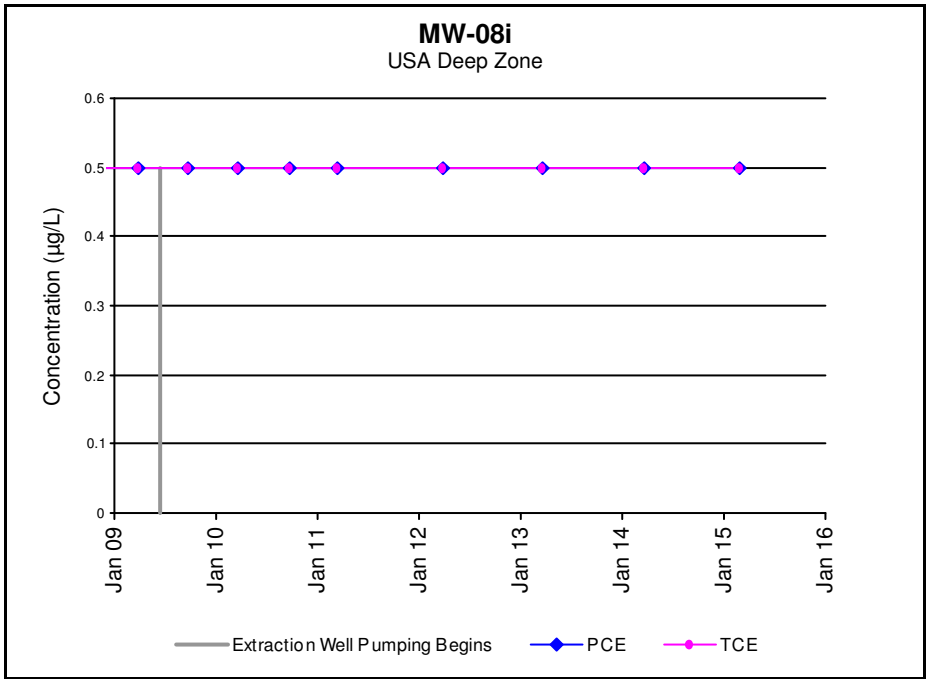

CM-MW-19d
USA Deep Zone
Concentration (µg/L)
16
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

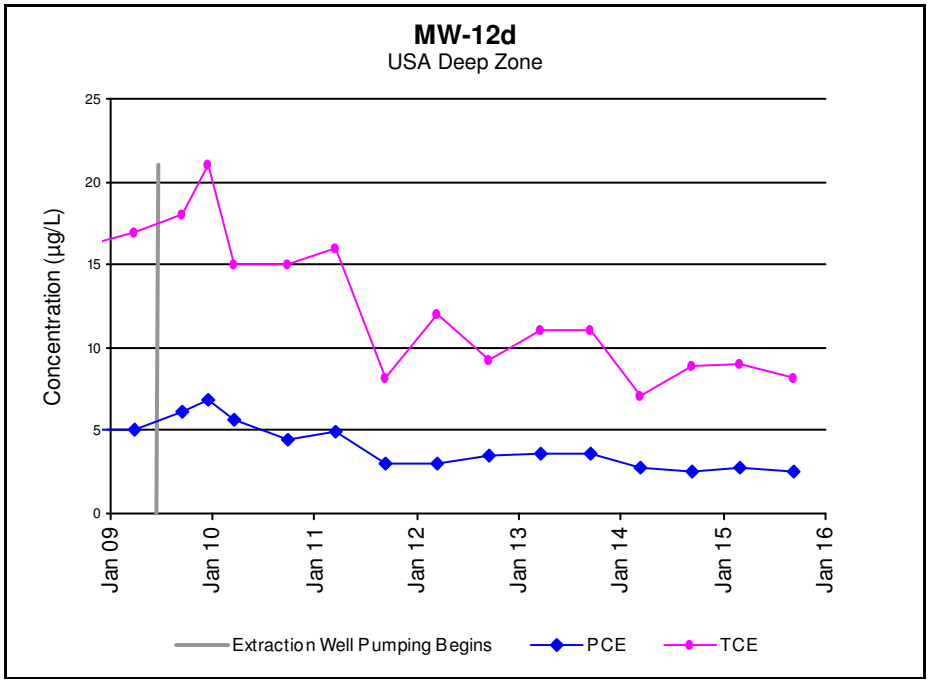

CM-MW-28USA-180
USA Deep Zone
Concentration (µg/L)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

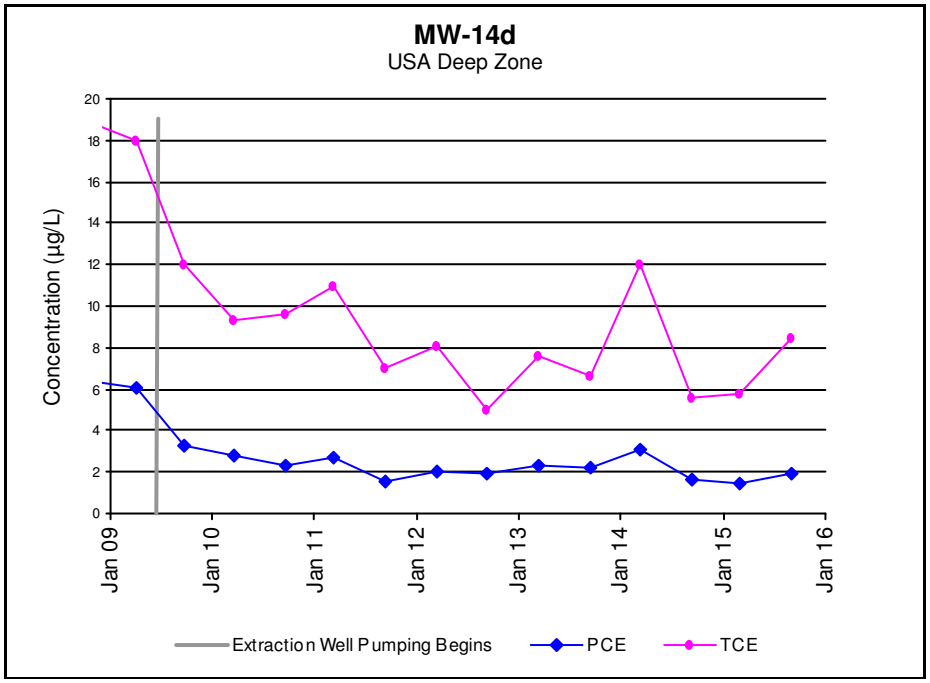

MW-01d
USA Deep Zone
Concentration (µg/L)
50
45
40
35
30
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

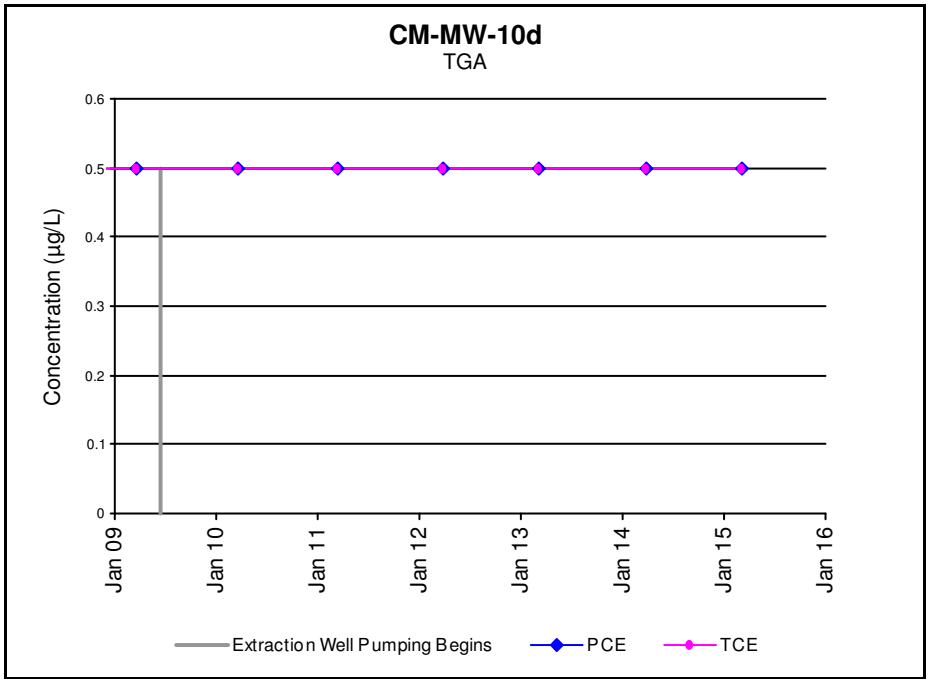

MW-04d
USA Deep Zone
Concentration (µg/L)
1.2
1
0.8
0.6
0.4
0.2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

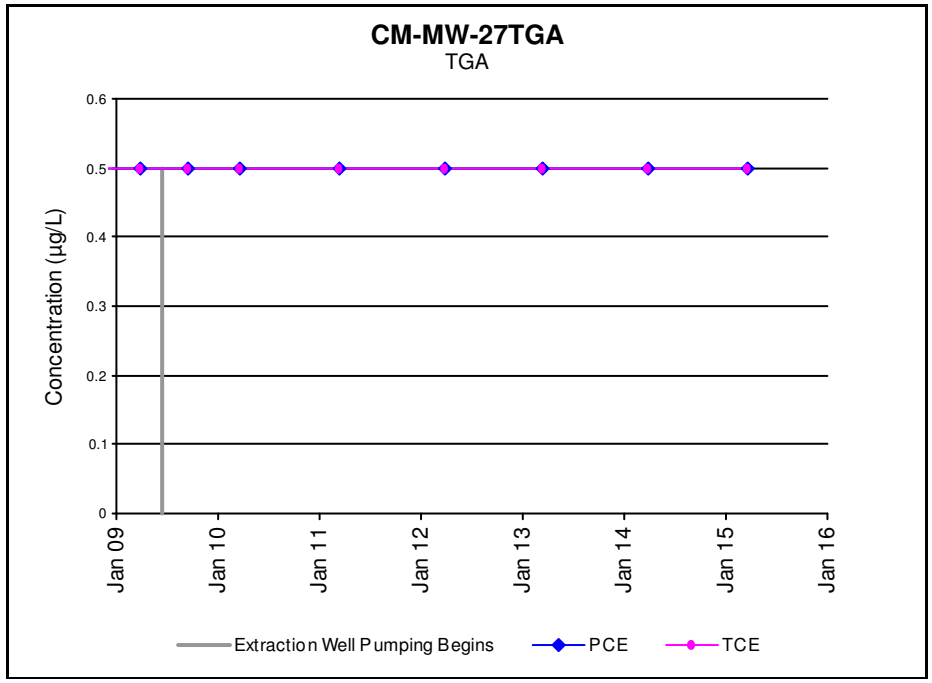

MW-05dR
USA Deep Zone
Concentration (µg/L)
50
45
40
35
30
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

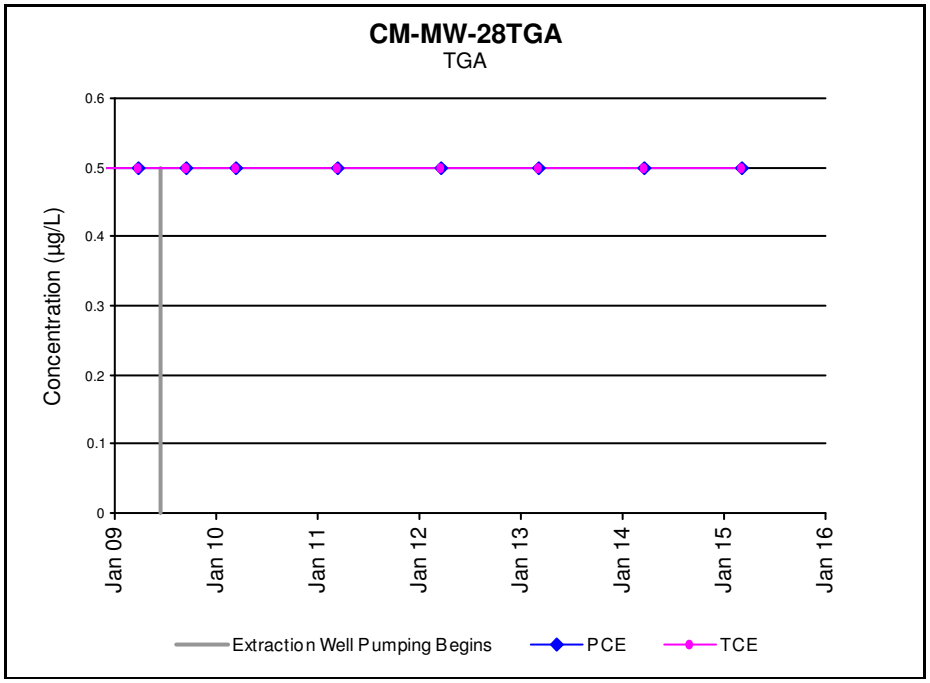

MW-08i
USA Deep Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

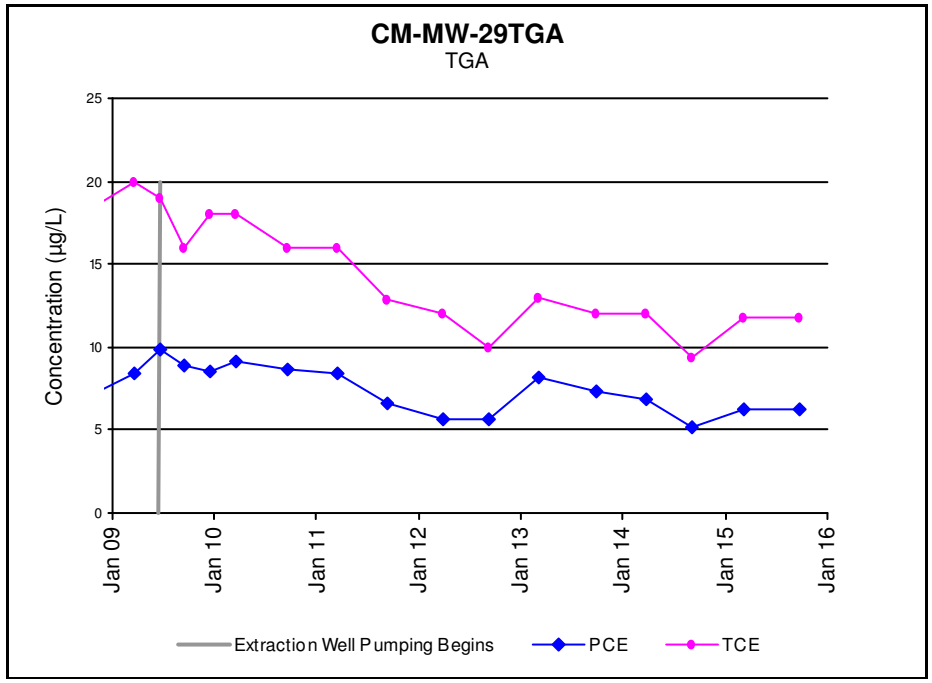

MW-12d
USA Deep Zone
Concentration (µg/L)
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

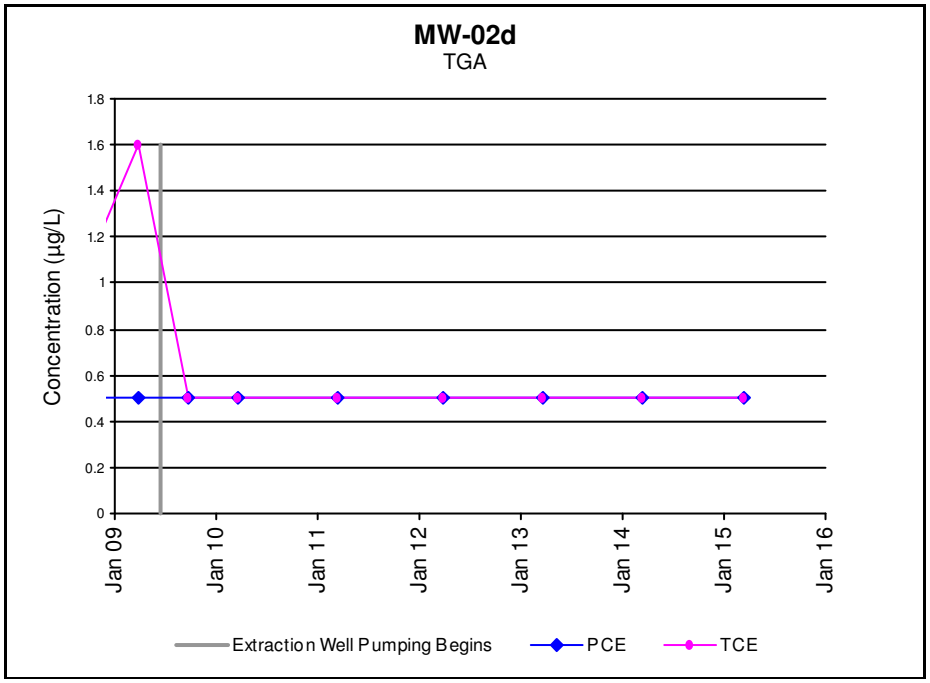

MW-14d
USA Deep Zone
Concentration (µg/L)
20
18
16
14
12
10
8
6
4
2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

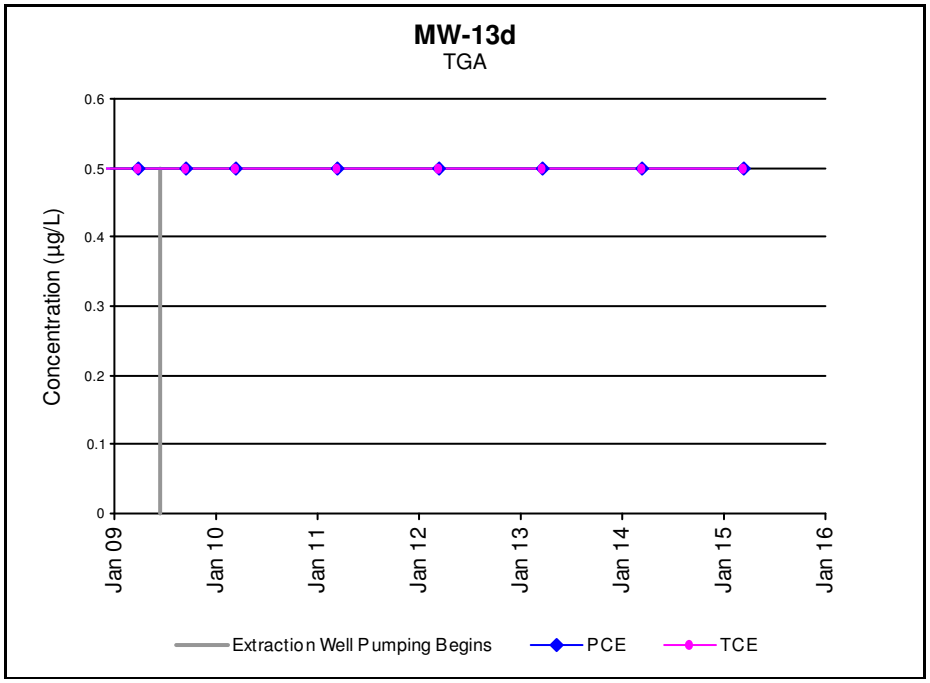

CM-MW-10d
TGA
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

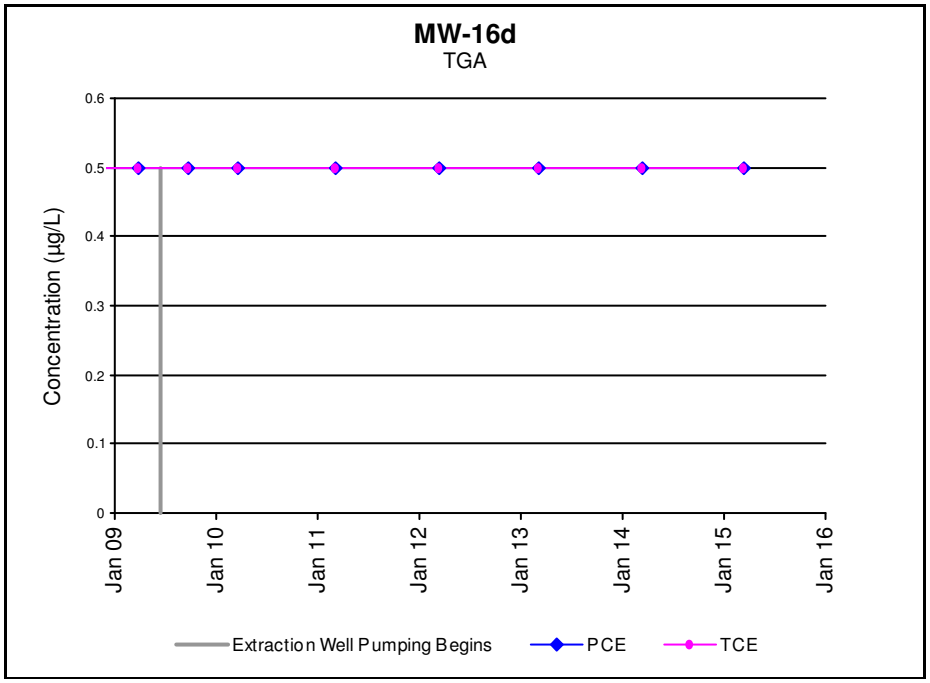

CM-MW-27TGA
TGA
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

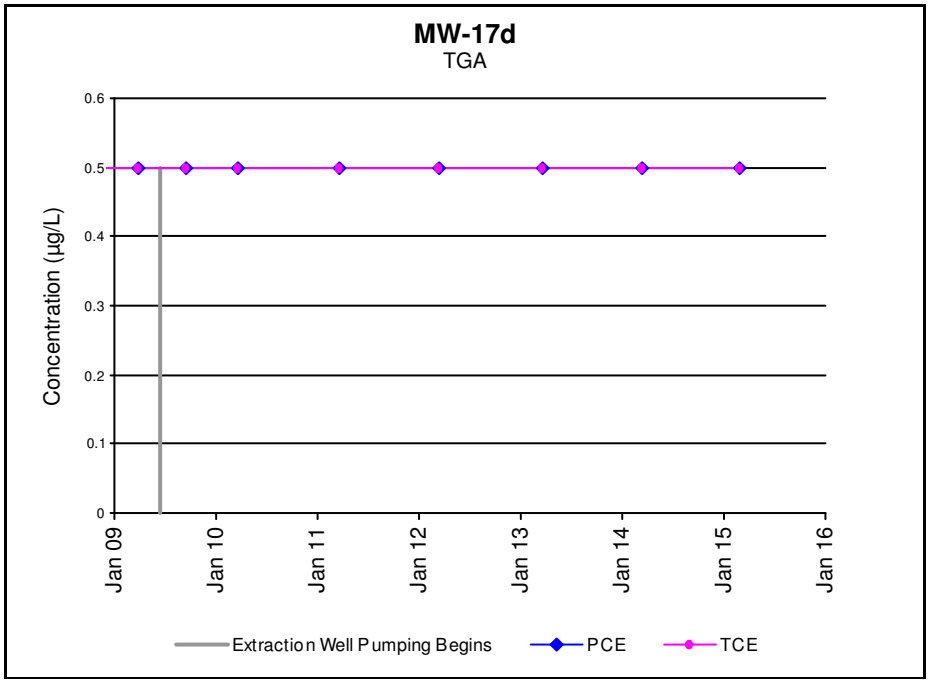

CM-MW-28TGA
TGA
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

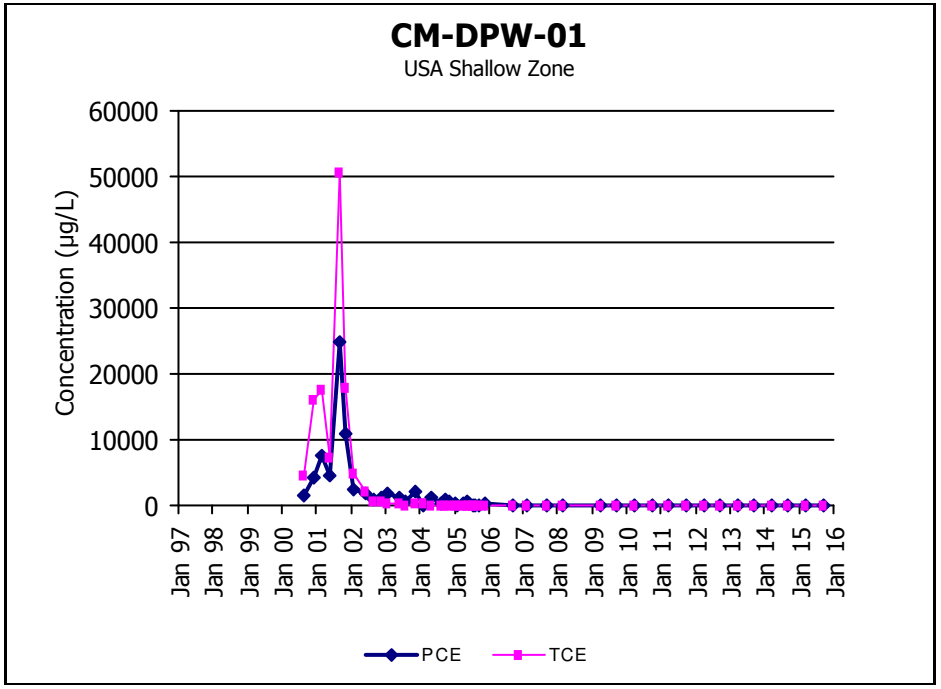

CM-MW-29TGA
TGA
Concentration (µg/L)
25
20
15
10
5
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

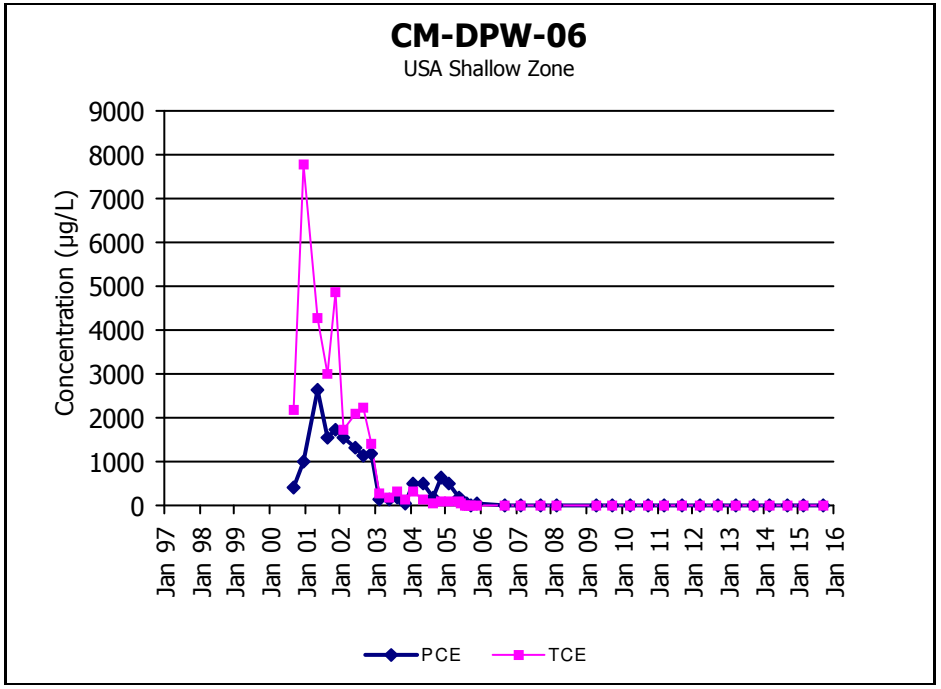

MW-02d
TGA
Concentration (µg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

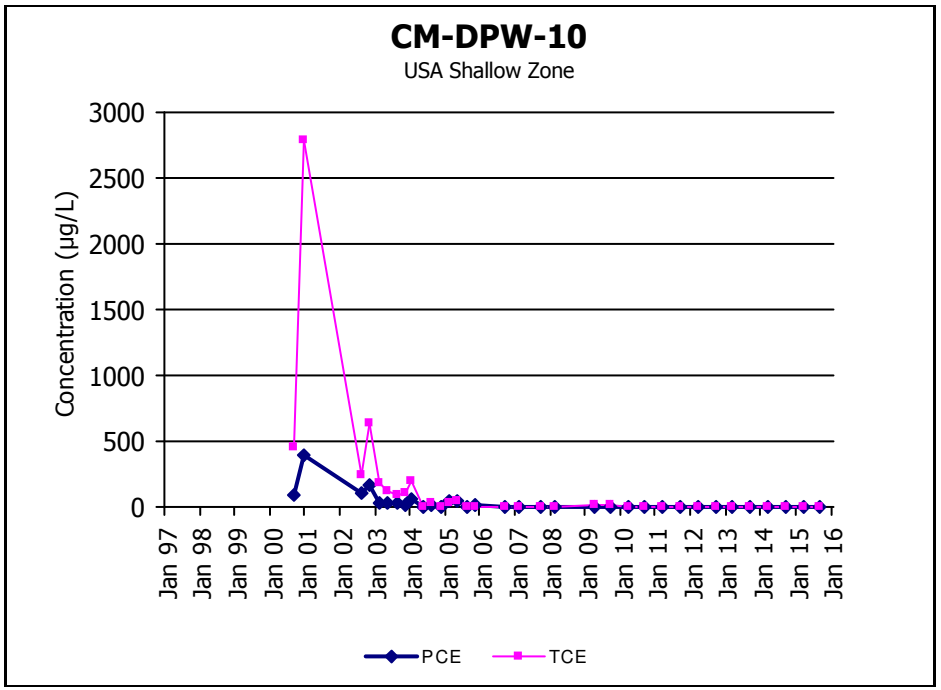

MW-13d
TGA
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

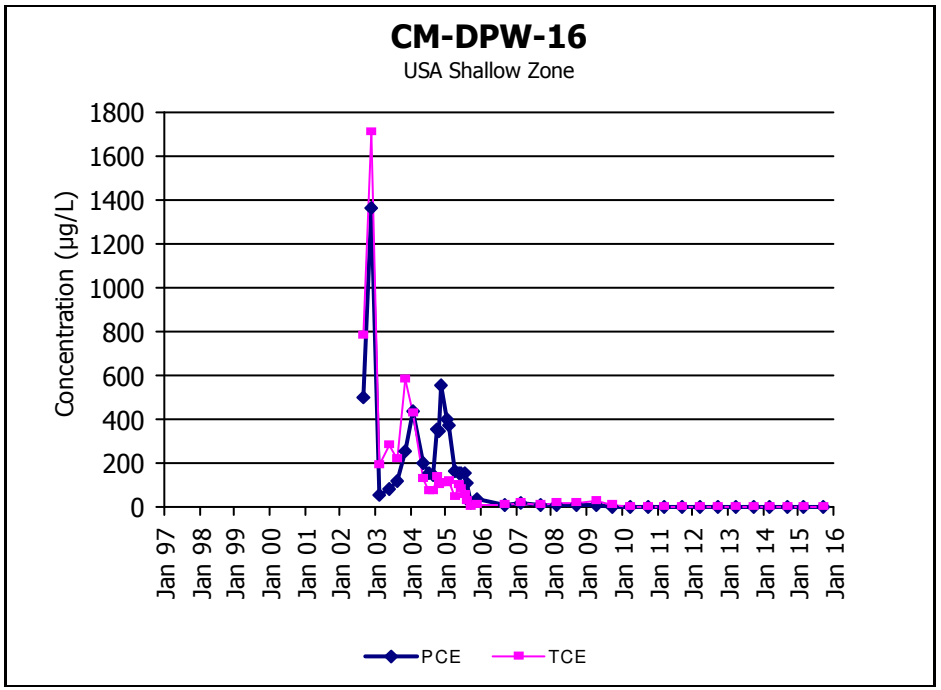

MW-16d
TGA
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

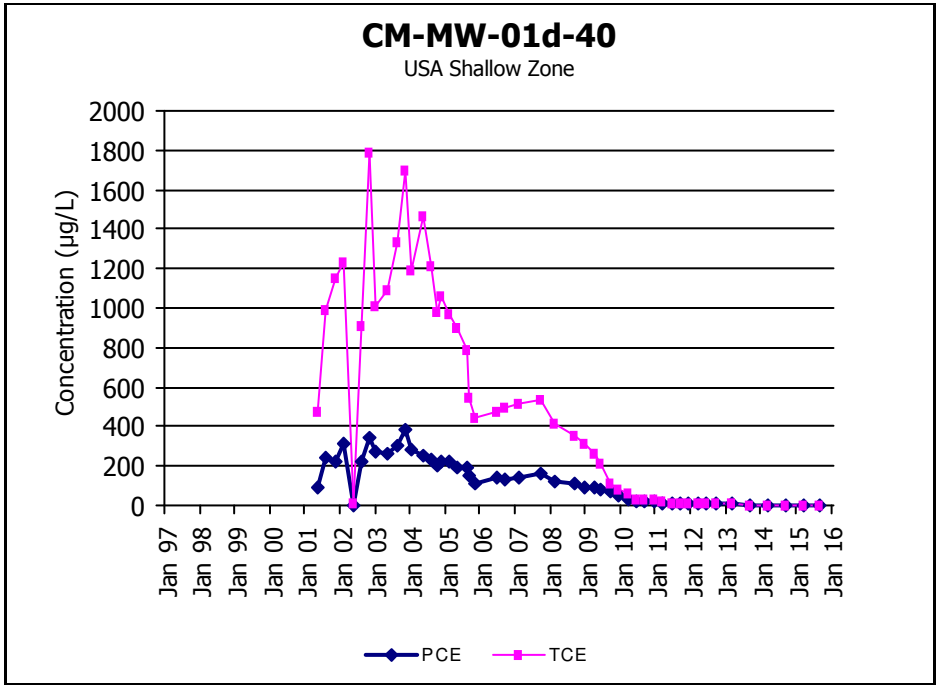

MW-17d
TGA
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Extraction Well Pumping Begins
PCE
TCE

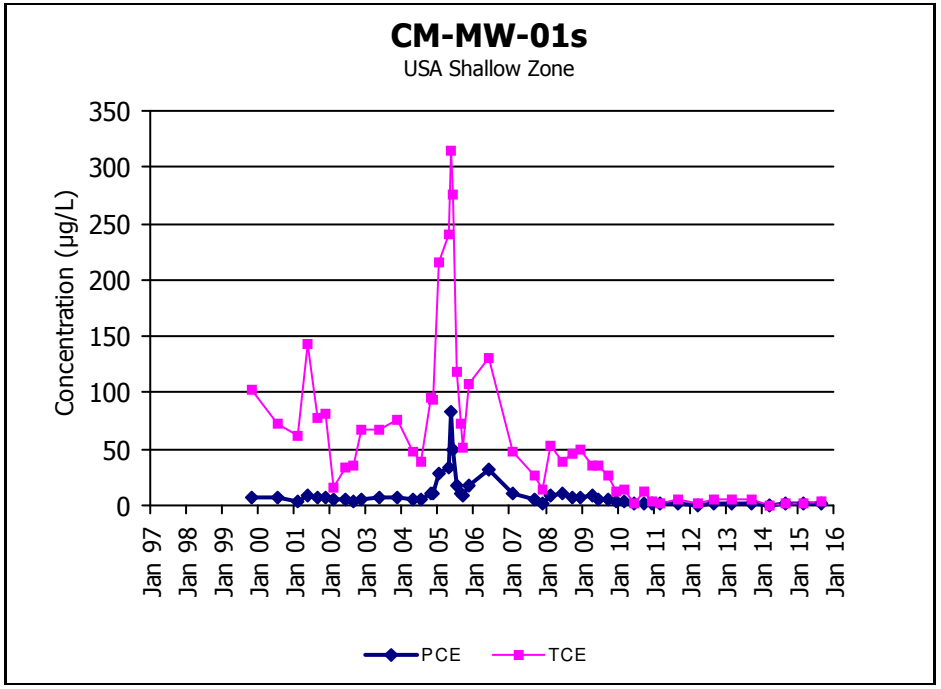

CM-DPW-01
USA Shallow Zone
Concentration (µg/L)
60000
50000
40000
30000
20000
10000
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

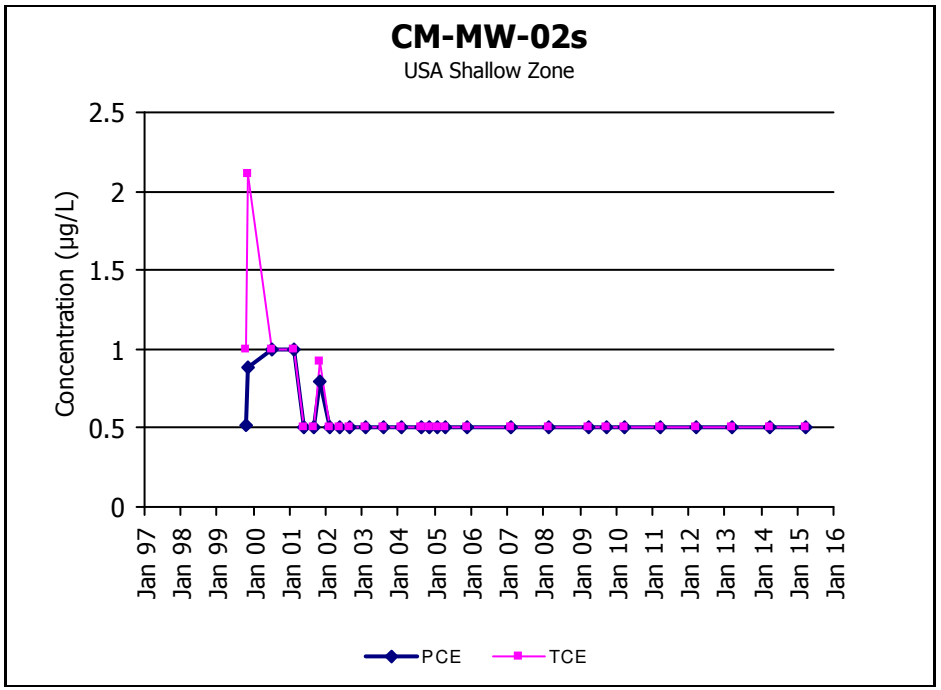

CM-DPW-06
USA Shallow Zone
Concentration (µg/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

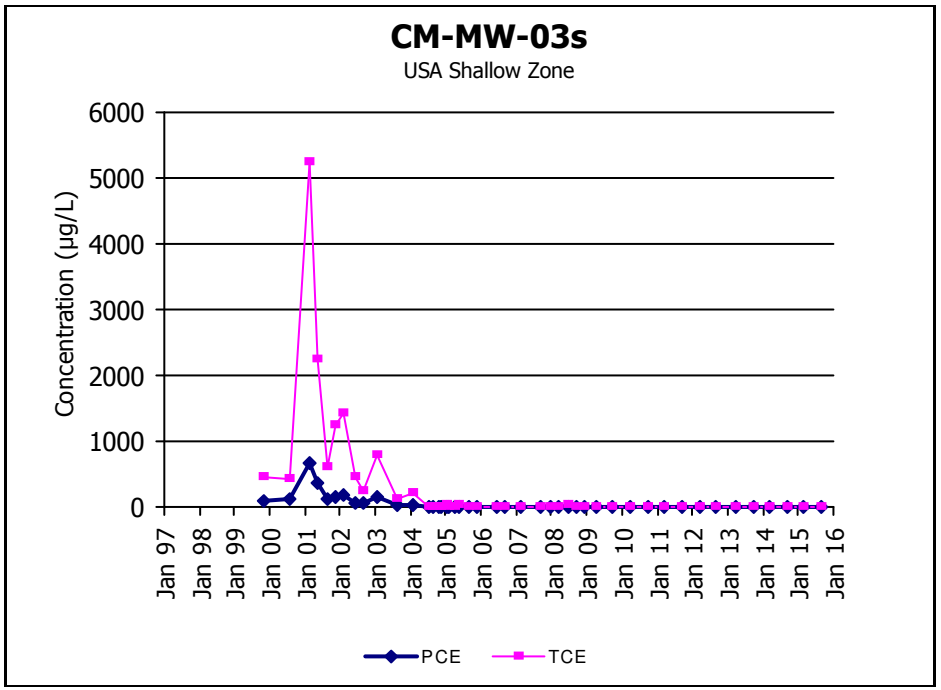

CM-DPW-10
USA Shallow Zone
Concentration (µg/L)
3000
2500
2000
1500
1000
500
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

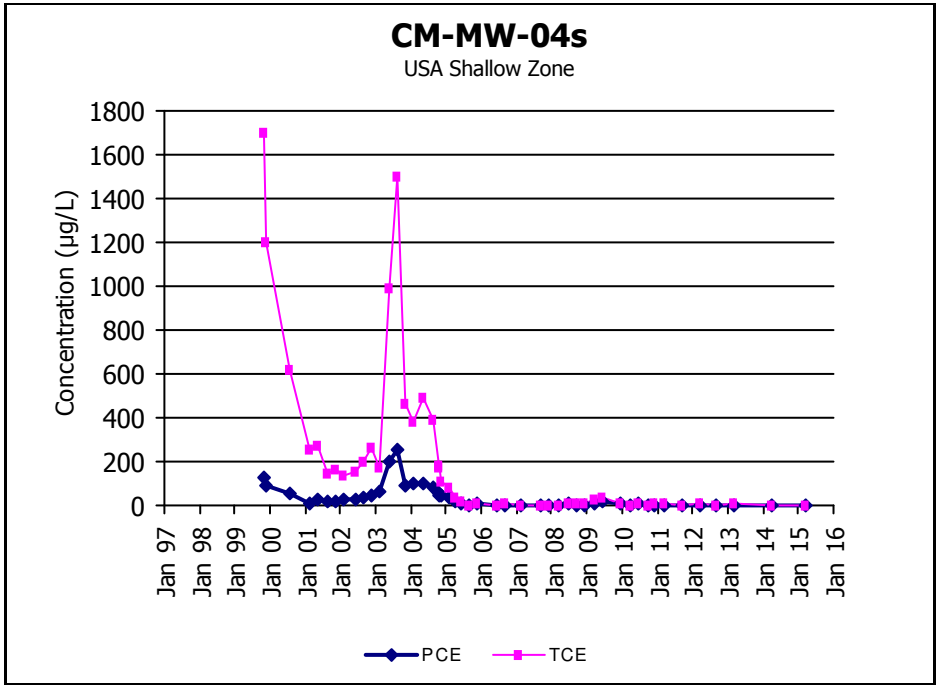

CM-DPW-16
USA Shallow Zone
Concentration (µg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

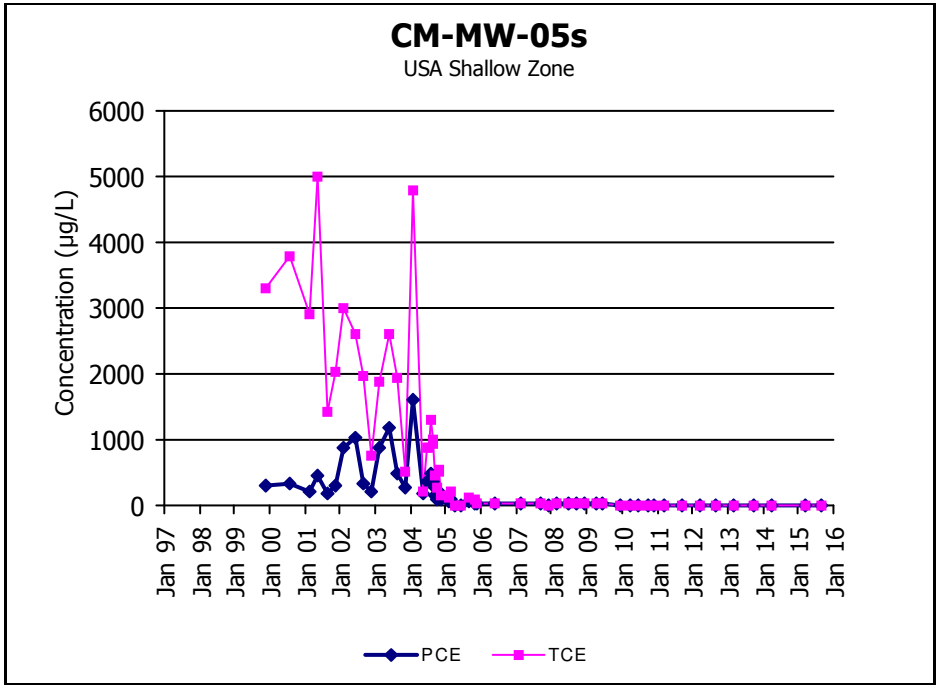

CM-MW-01d-40
USA Shallow Zone
Concentration (µg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

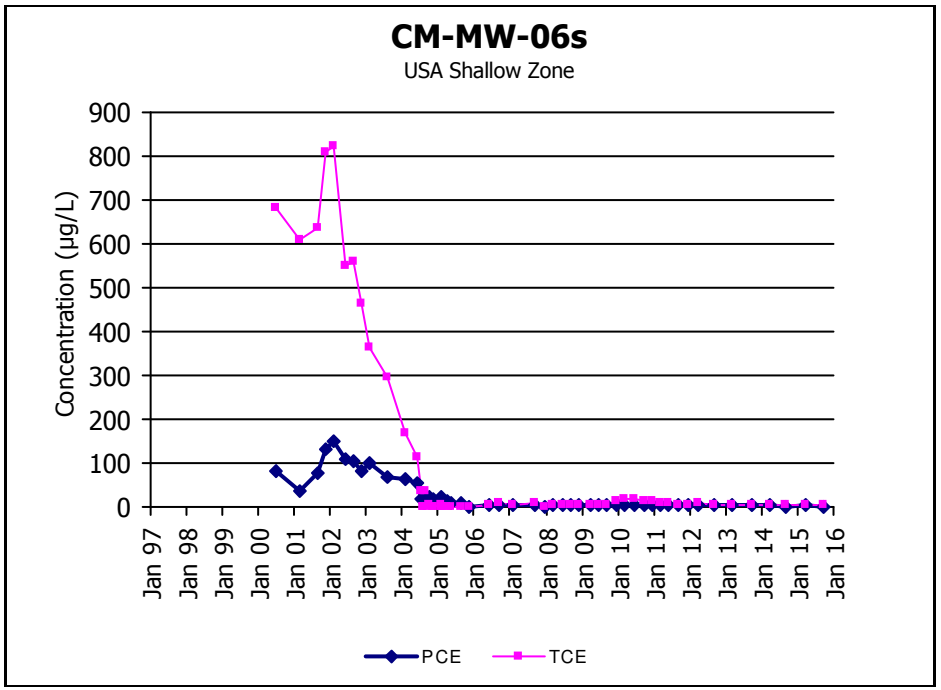

CM-MW-01s
USA Shallow Zone
Concentration (µg/L)
350
300
250
200
150
100
50
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

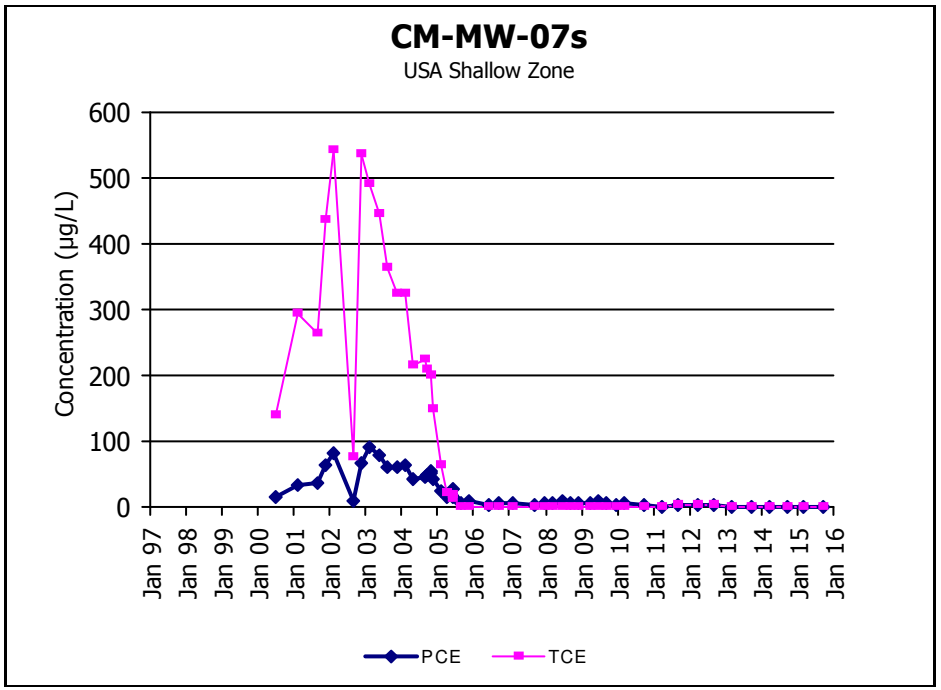

CM-MW-02s
USA Shallow Zone
Concentration (µg/L)
2.5
2
1.5
1
0.5
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

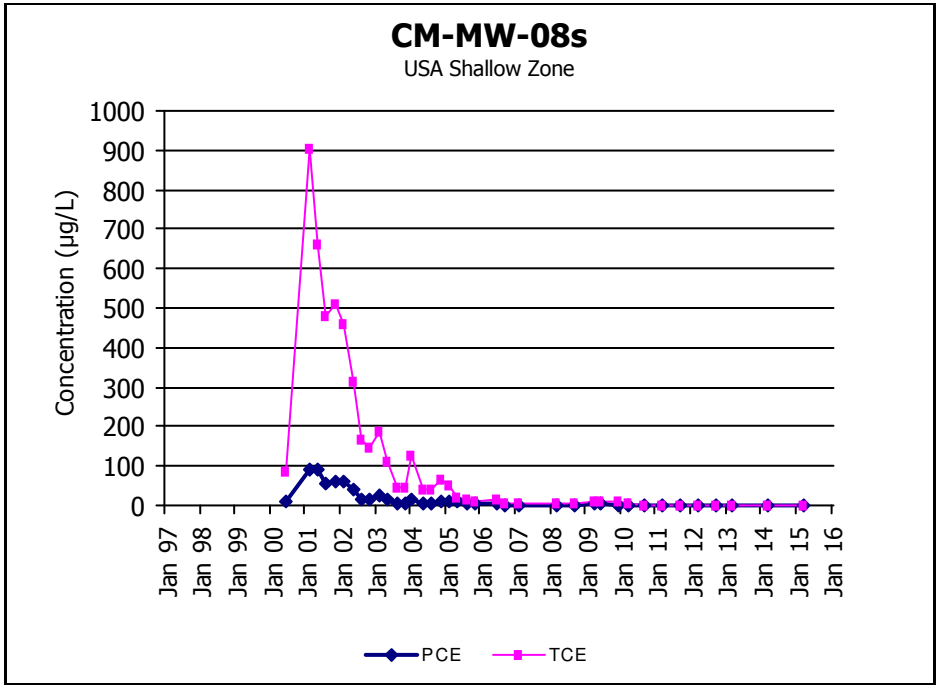

CM-MW-03s
USA Shallow Zone
Concentration (µg/L)
6000
5000
4000
3000
2000
1000
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

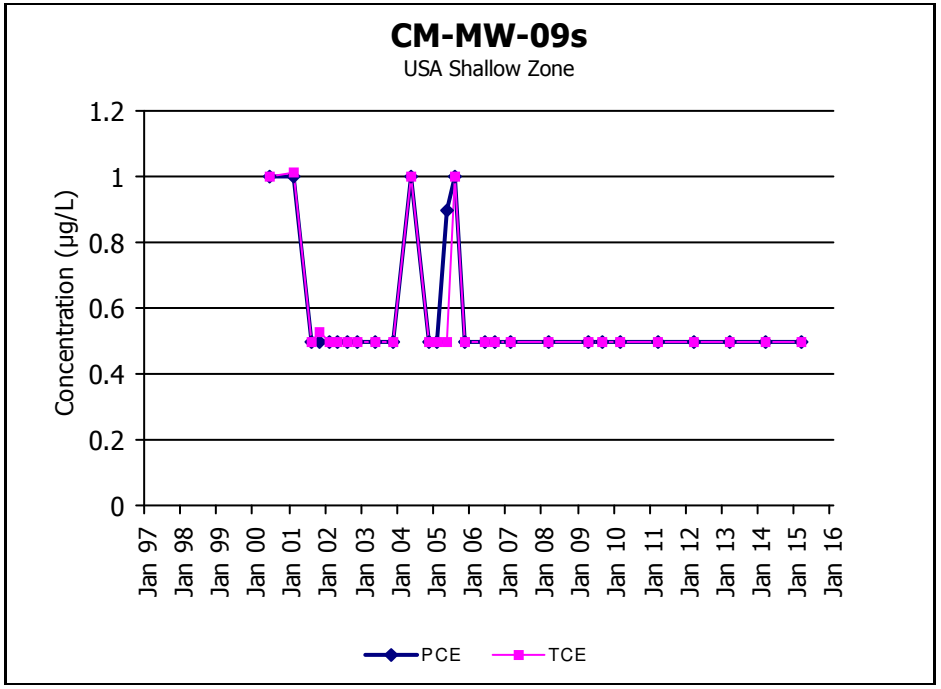

CM-MW-04s
USA Shallow Zone
Concentration (µg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
Jan 97 Jan 98 Jan 99 Jan 00 Jan 01 Jan 02 Jan 03 Jan 04 Jan 05 Jan 06 Jan 07 Jan 08 Jan 09 Jan 10 Jan 11 Jan 12 Jan 13 Jan 14 Jan 15 Jan 16
PCE
TCE

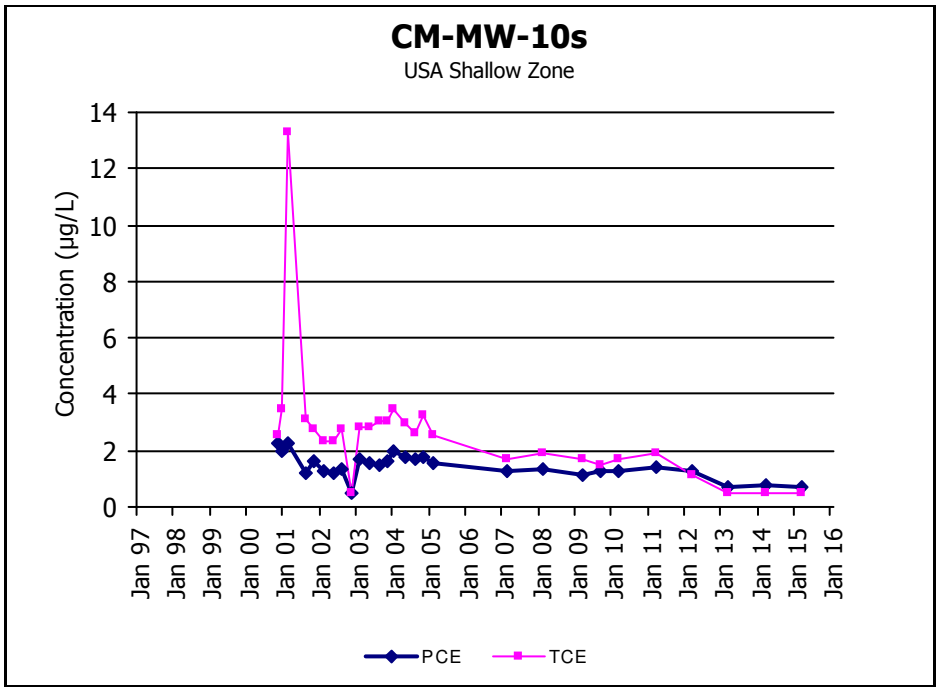

CM-MW-05s
USA Shallow Zone
Concentration (µg/L)
6000
5000
4000
3000
2000
1000
0
Jan 97 Jan 98 Jan 99 Jan 00 Jan 01 Jan 02 Jan 03 Jan 04 Jan 05 Jan 06 Jan 07 Jan 08 Jan 09 Jan 10 Jan 11 Jan 12 Jan 13 Jan 14 Jan 15 Jan 16
PCE
TCE

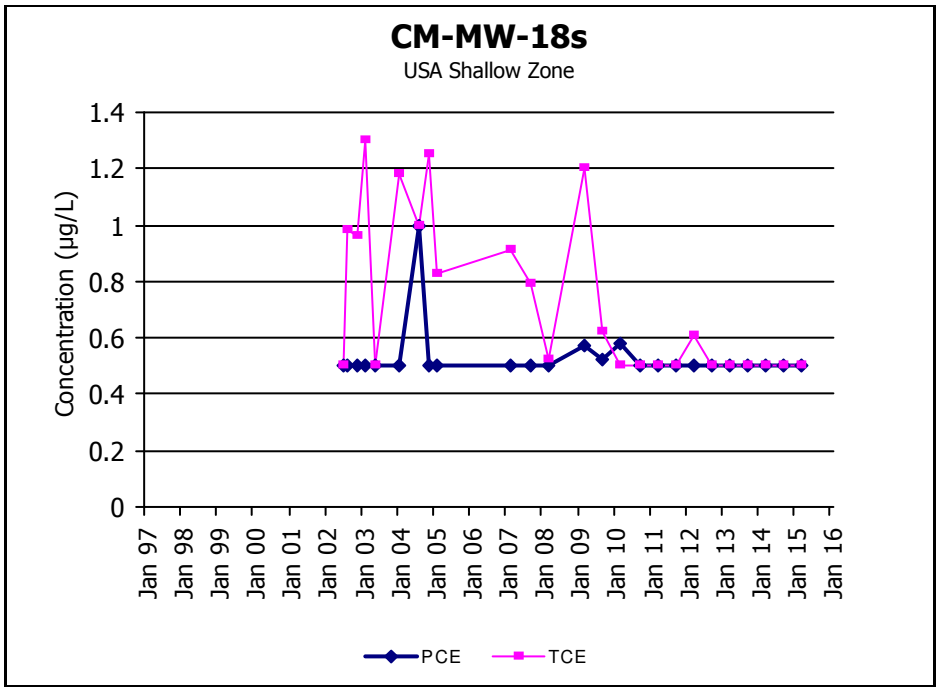

CM-MW-06s
USA Shallow Zone
Concentration (µg/L)
900
800
700
600
500
400
300
200
100
0
Jan 97 Jan 98 Jan 99 Jan 00 Jan 01 Jan 02 Jan 03 Jan 04 Jan 05 Jan 06 Jan 07 Jan 08 Jan 09 Jan 10 Jan 11 Jan 12 Jan 13 Jan 14 Jan 15 Jan 16
PCE
TCE

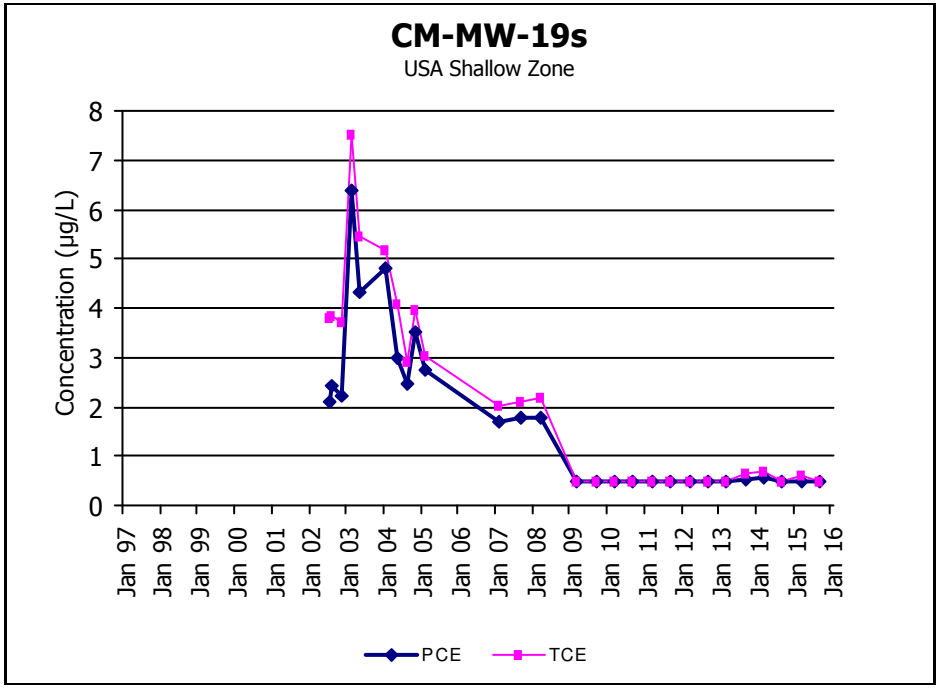

CM-MW-07s
USA Shallow Zone
Concentration (µg/L)
600
500
400
300
200
100
0
Jan 97 Jan 98 Jan 99 Jan 00 Jan 01 Jan 02 Jan 03 Jan 04 Jan 05 Jan 06 Jan 07 Jan 08 Jan 09 Jan 10 Jan 11 Jan 12 Jan 13 Jan 14 Jan 15 Jan 16
PCE
TCE

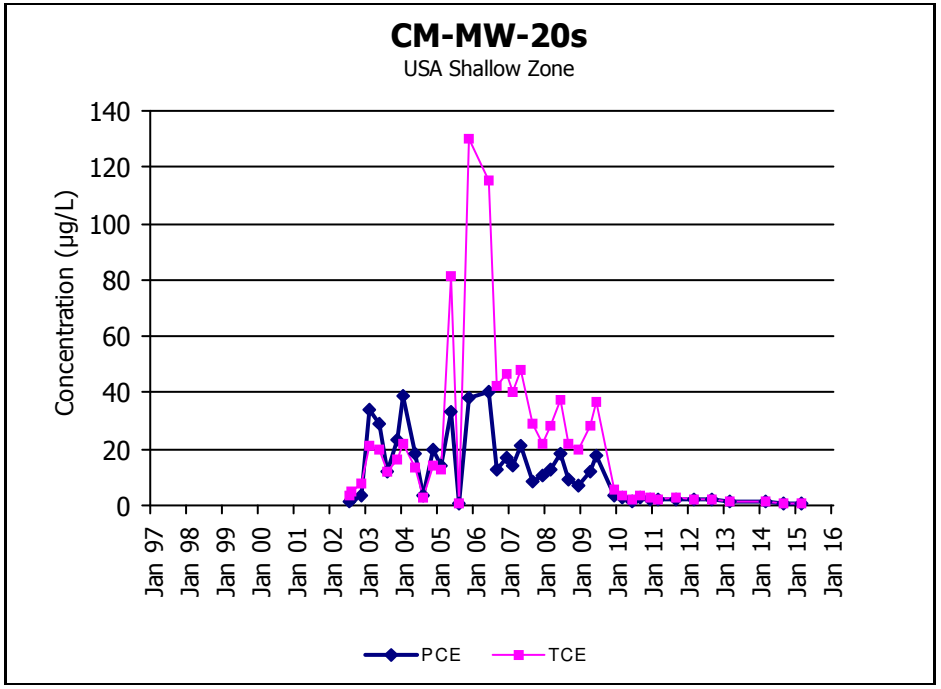

CM-MW-08s
USA Shallow Zone
Concentration (µg/L)
1000
900
800
700
600
500
400
300
200
100
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

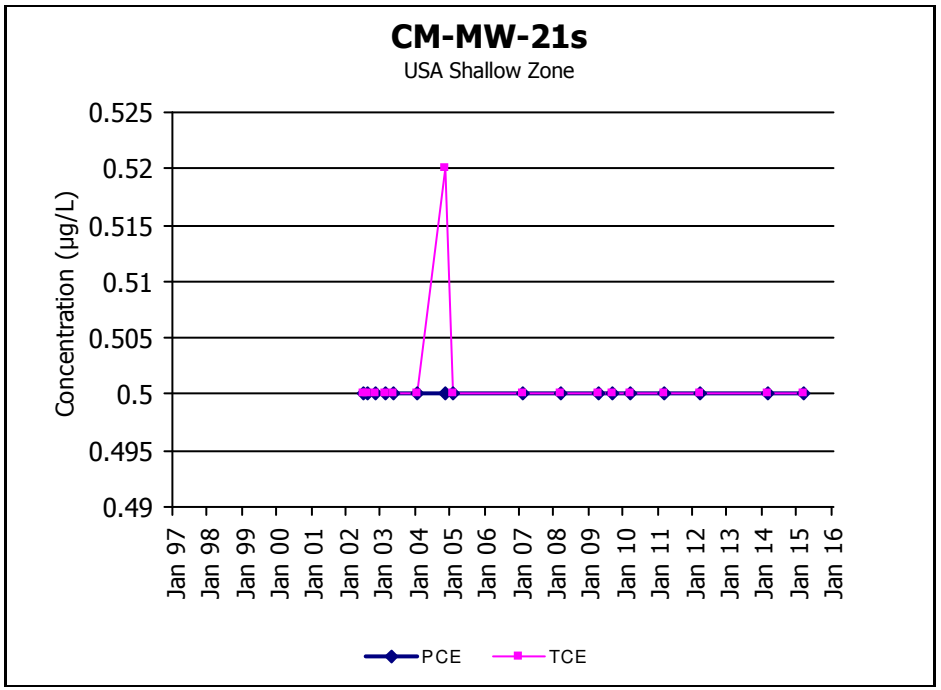

CM-MW-09s
USA Shallow Zone
Concentration (µg/L)
1.2
1
0.8
0.6
0.4
0.2
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

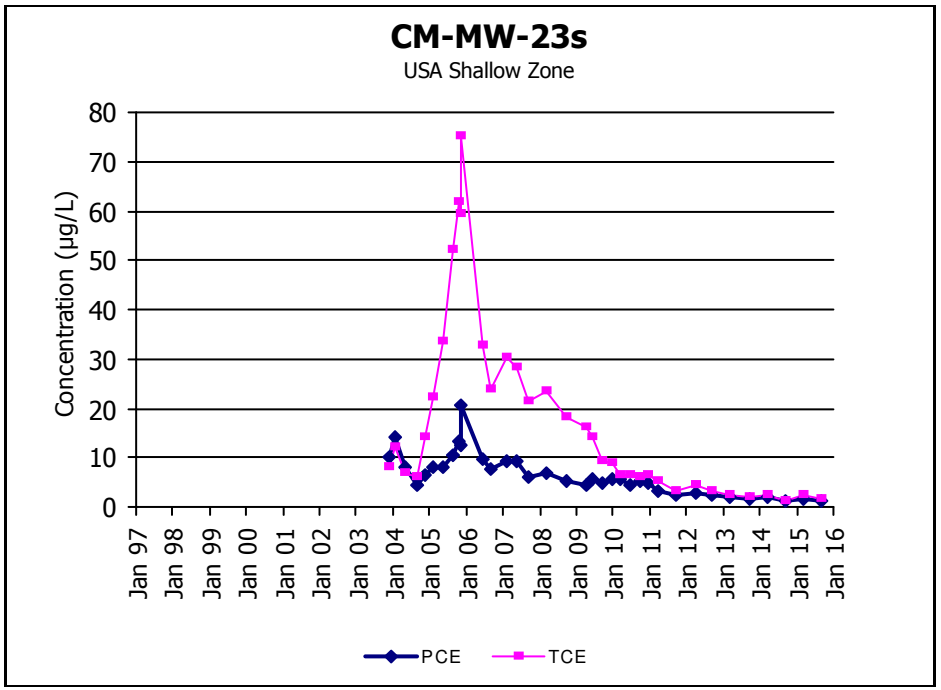

CM-MW-10s
USA Shallow Zone
Concentration (µg/L)
14
12
10
8
6
4
2
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

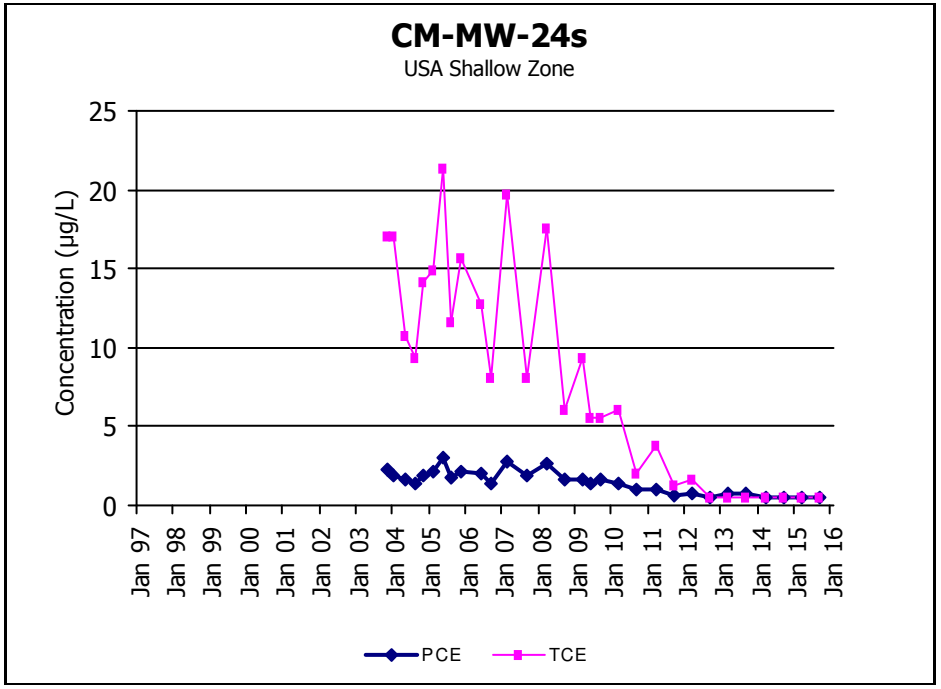

CM-MW-18s
USA Shallow Zone
Concentration (µg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

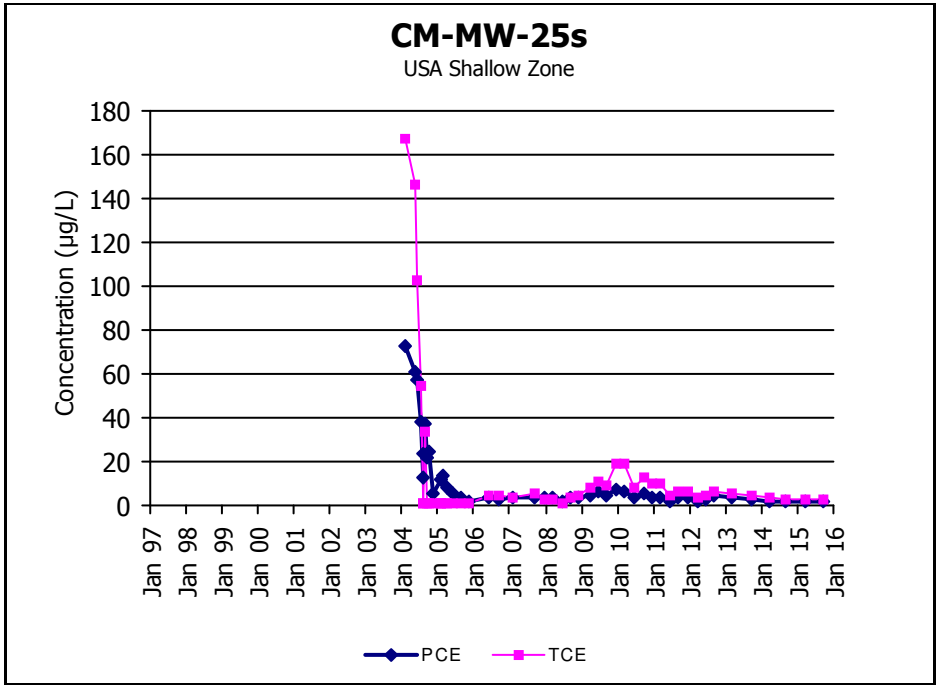

CM-MW-19s
USA Shallow Zone
Concentration (µg/L)
0
1
2
3
4
5
6
7
8
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

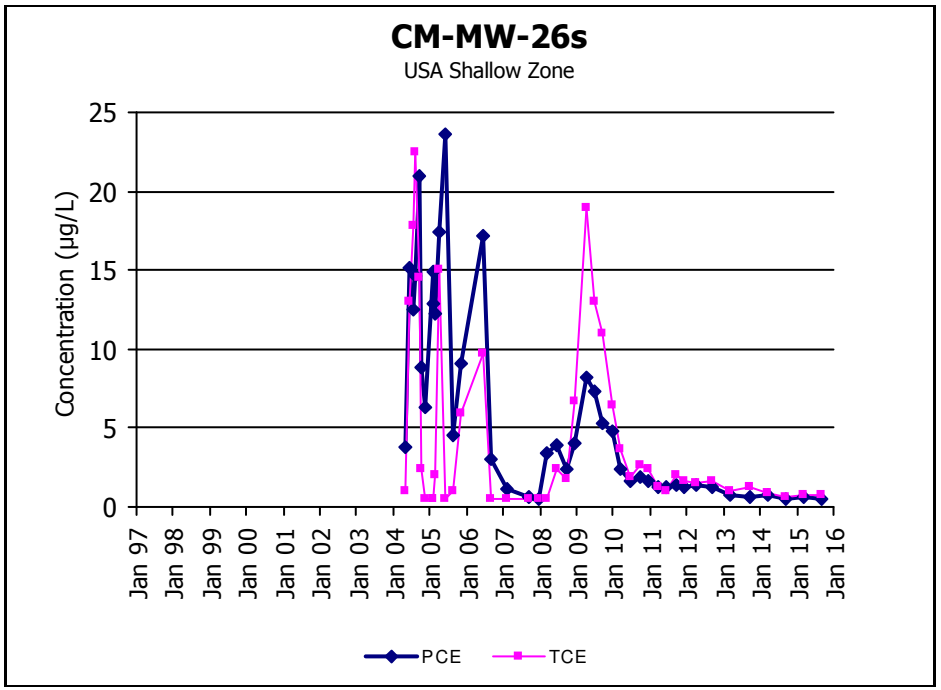

CM-MW-20s
USA Shallow Zone
Concentration (µg/L)
0
20
40
60
80
100
120
140
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

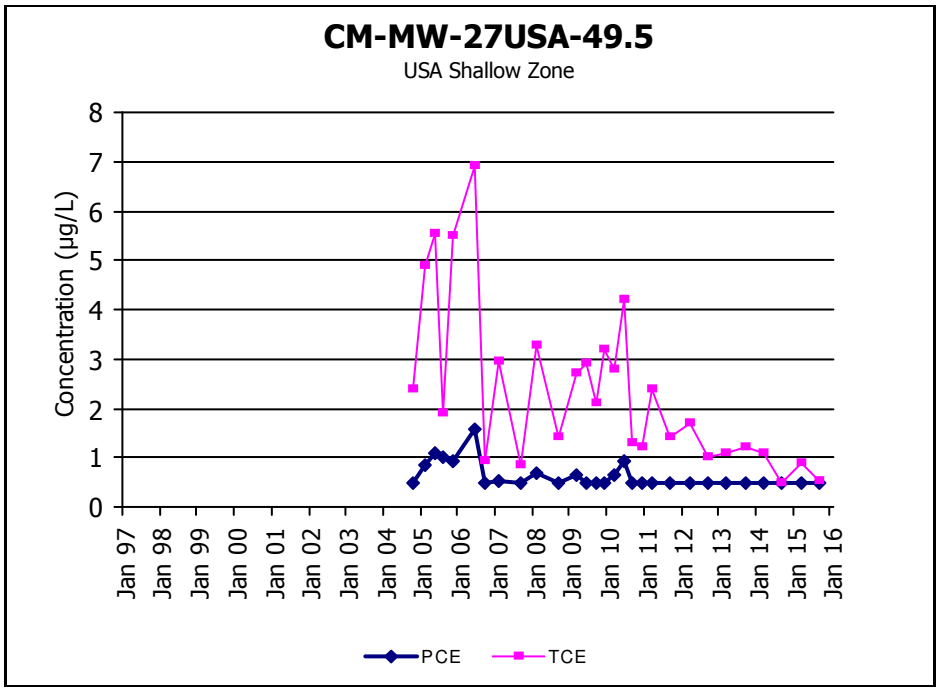

CM-MW-21s
USA Shallow Zone
Concentration (µg/L)
0.49
0.495
0.5
0.505
0.51
0.515
0.52
0.525
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

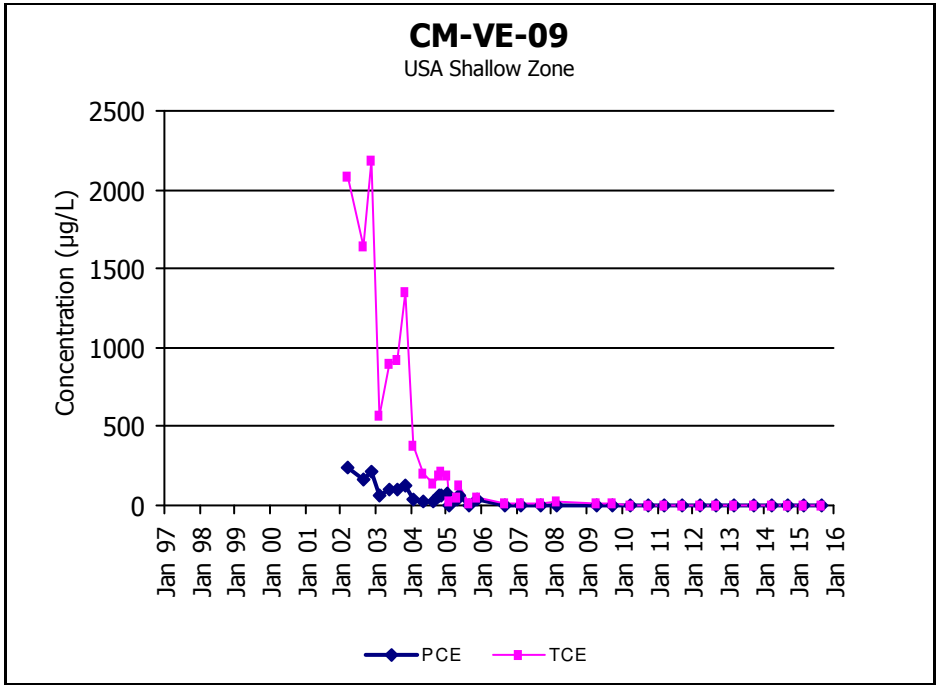

CM-MW-23s
USA Shallow Zone
Concentration (µg/L)
0
10
20
30
40
50
60
70
80
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

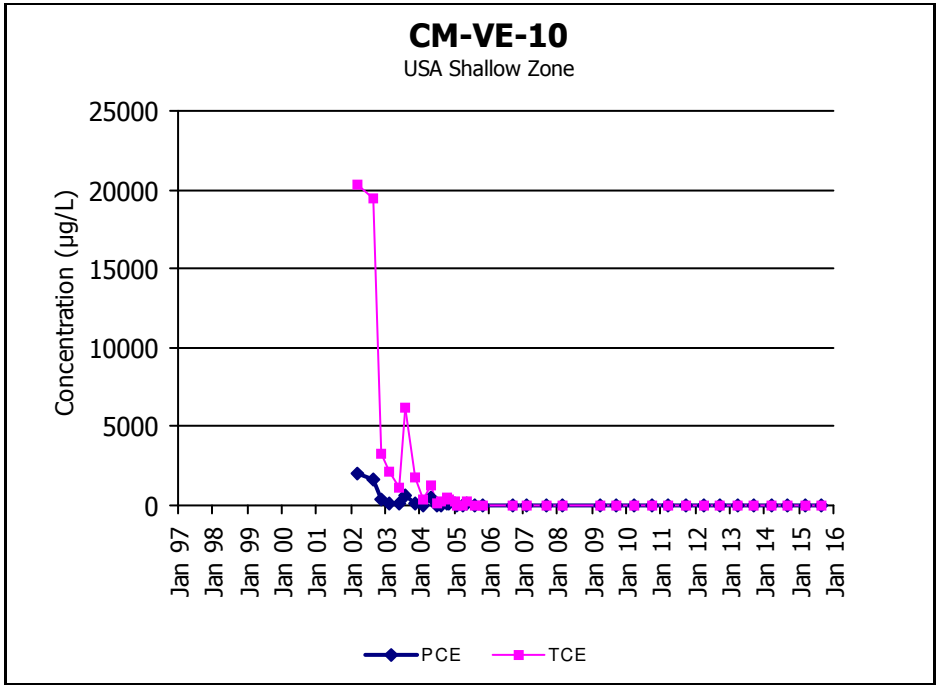

CM-MW-24s
USA Shallow Zone
Concentration (µg/L)
0
5
10
15
20
25
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

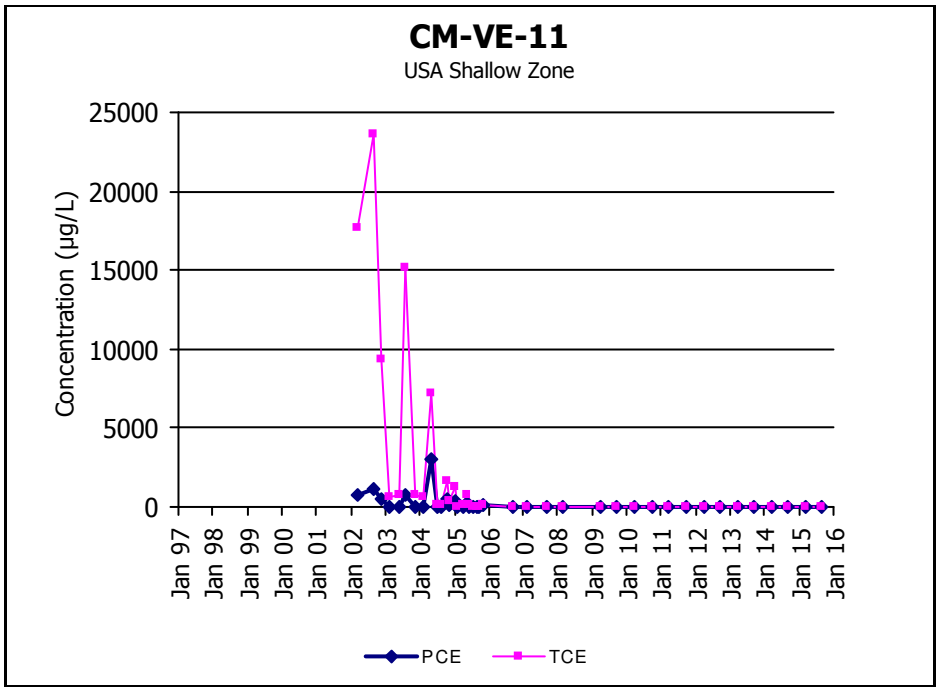

CM-MW-25s
USA Shallow Zone
Concentration (µg/L)
0
20
40
60
80
100
120
140
160
180
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

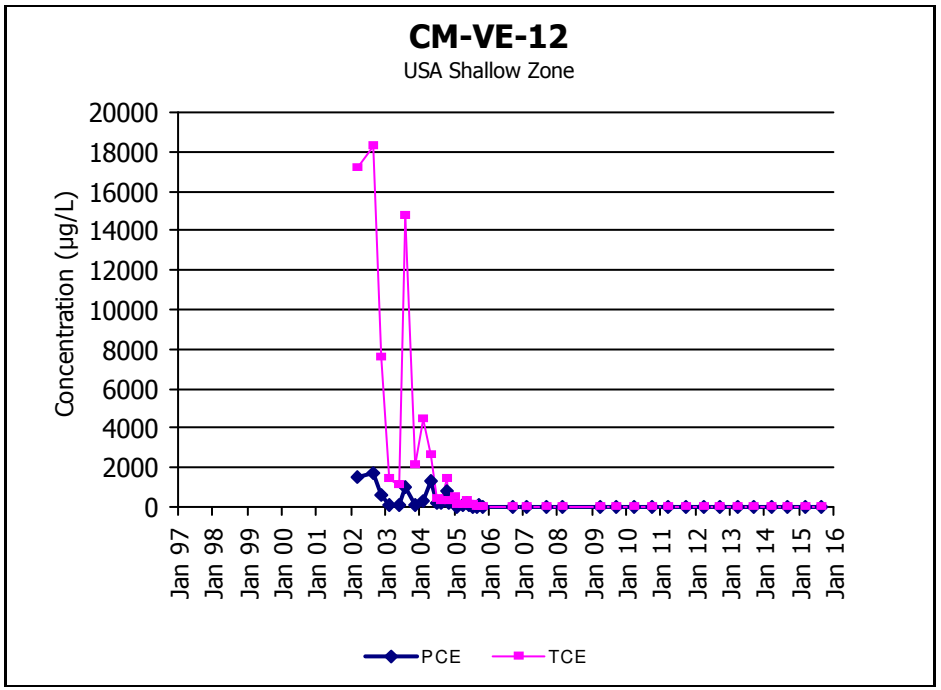

CM-MW-26s
USA Shallow Zone
Concentration (µg/L)
0
5
10
15
20
25
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

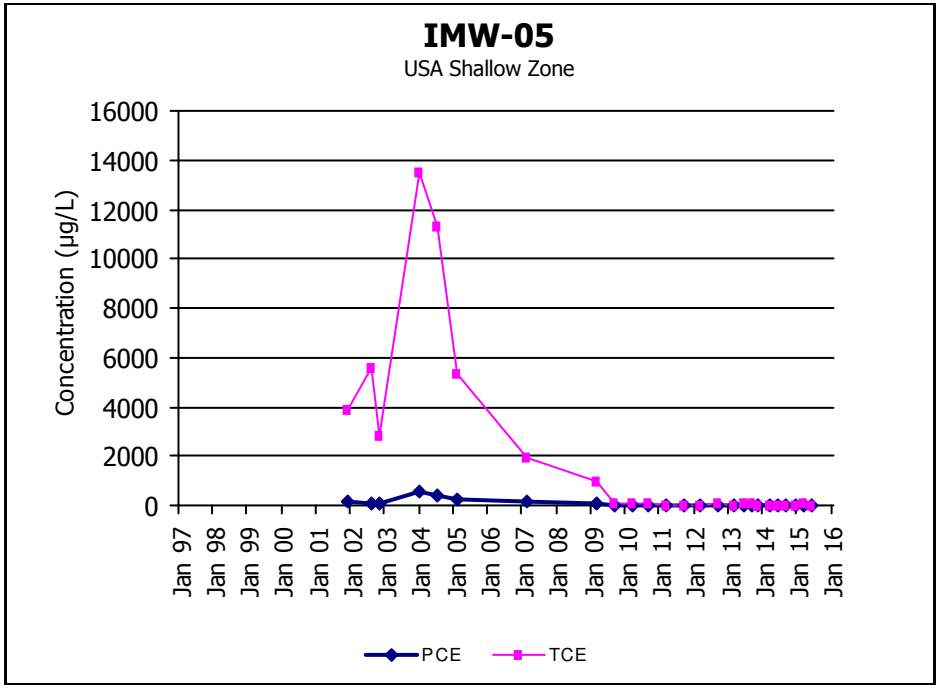

CM-MW-27USA-49.5
USA Shallow Zone
Concentration (µg/L)
0
1
2
3
4
5
6
7
8
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

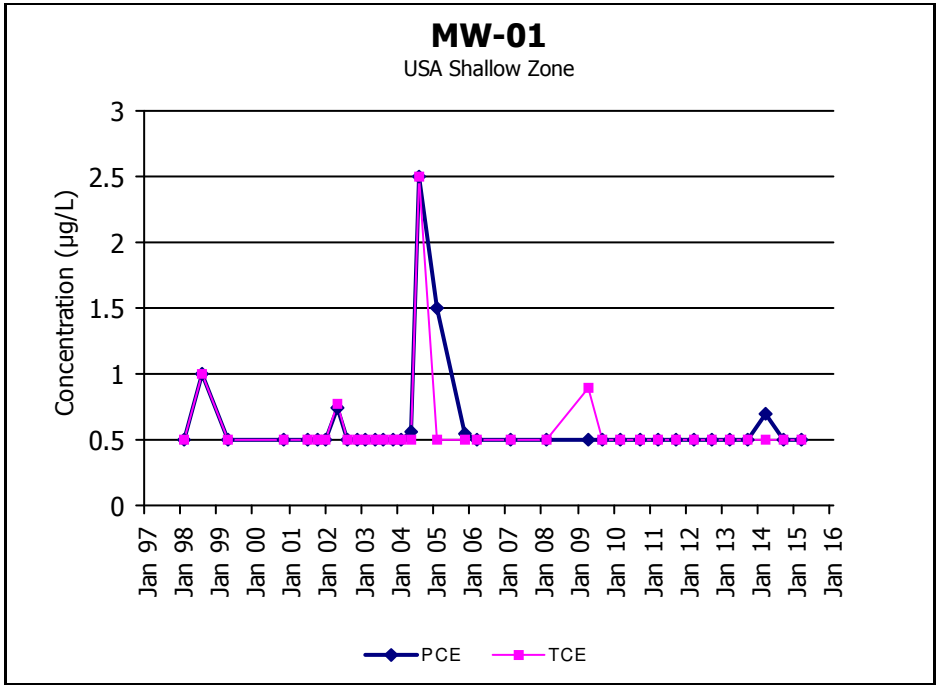

CM-VE-09
USA Shallow Zone
Concentration (µg/L)
2500
2000
1500
1000
500
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

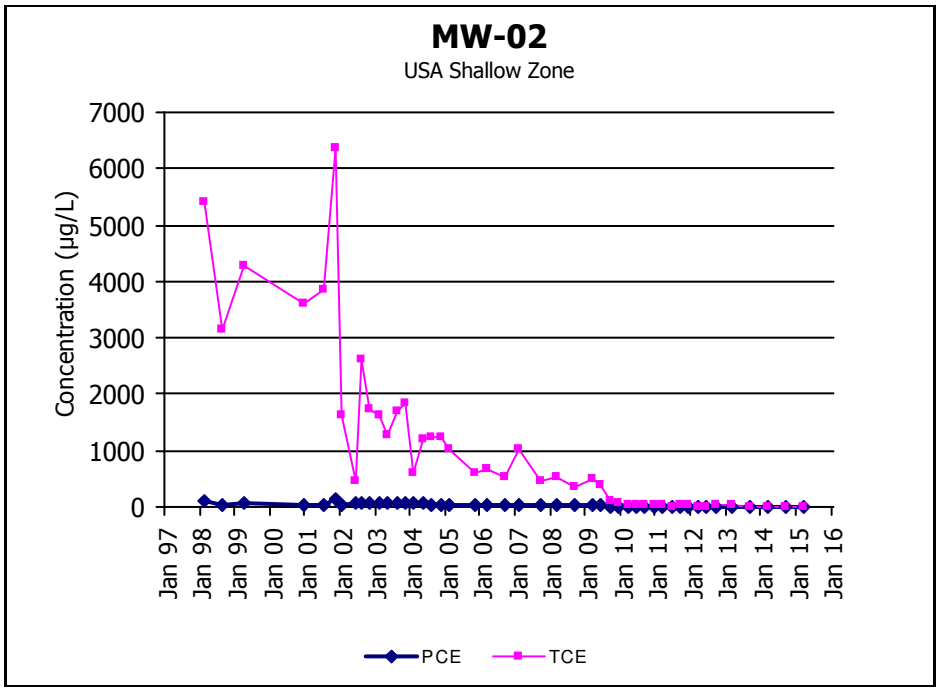

CM-VE-10
USA Shallow Zone
Concentration (µg/L)
25000
20000
15000
10000
5000
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

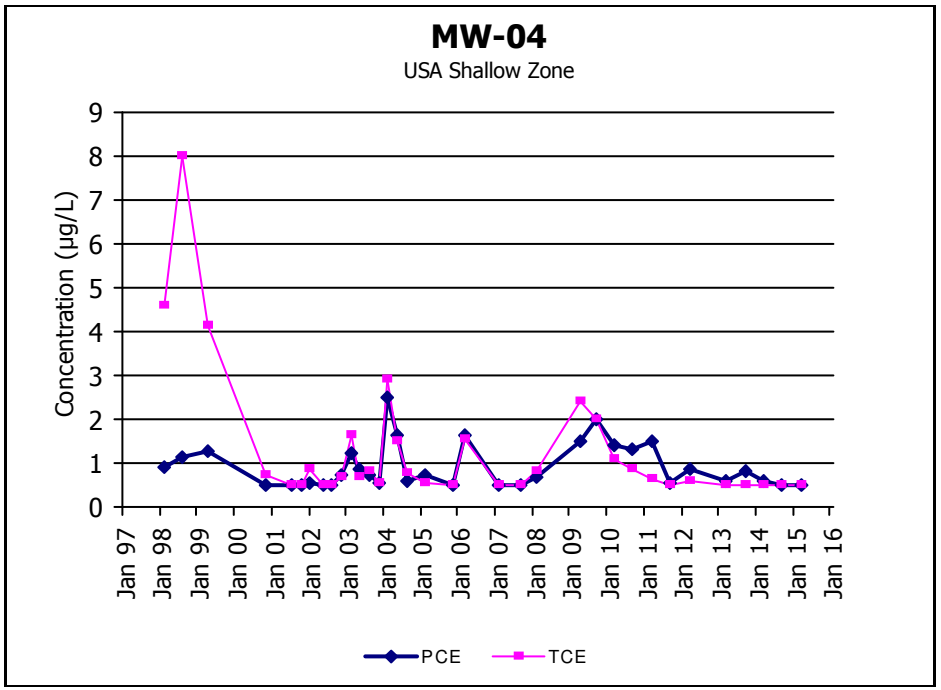

CM-VE-11
USA Shallow Zone
Concentration (µg/L)
25000
20000
15000
10000
5000
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

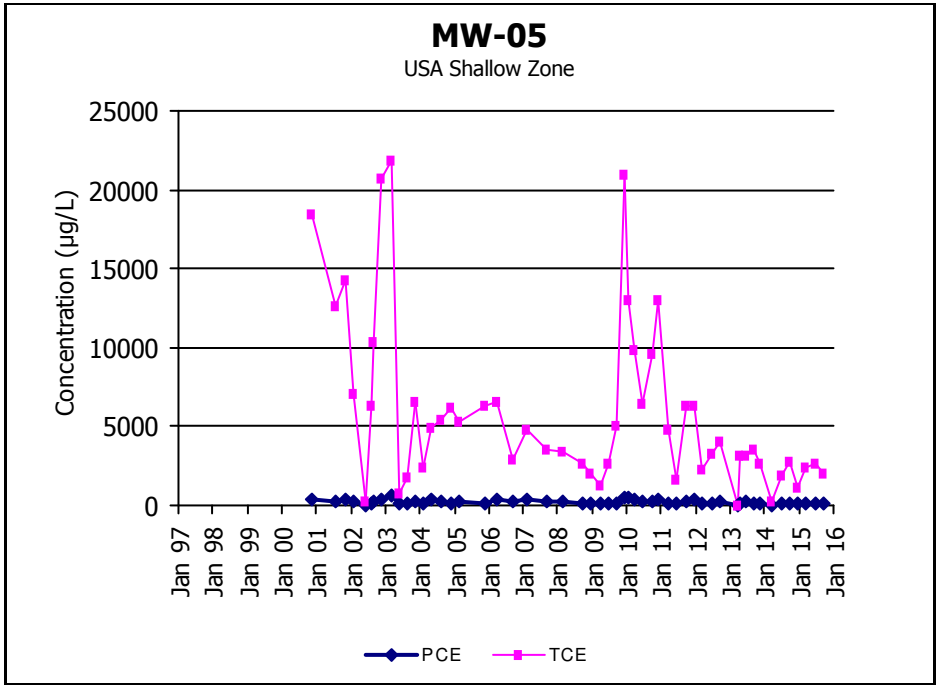

CM-VE-12
USA Shallow Zone
Concentration (µg/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

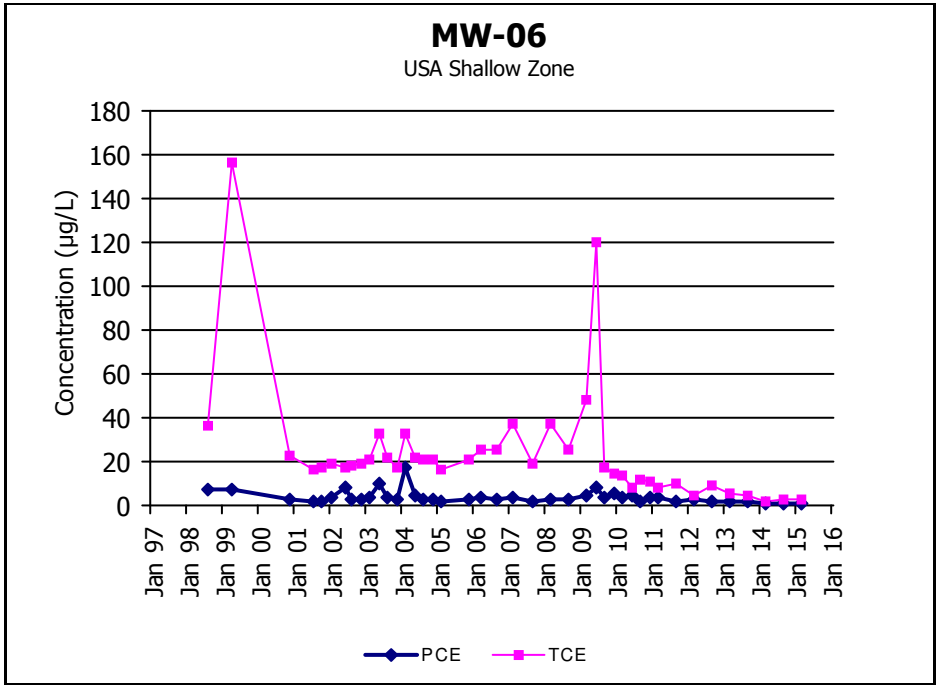

IMW-05
USA Shallow Zone
Concentration (µg/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
Jan 97 Jan 98 Jan 99 Jan 00 Jan 01 Jan 02 Jan 03 Jan 04 Jan 05 Jan 06 Jan 07 Jan 08 Jan 09 Jan 10 Jan 11 Jan 12 Jan 13 Jan 14 Jan 15 Jan 16
PCE
TCE

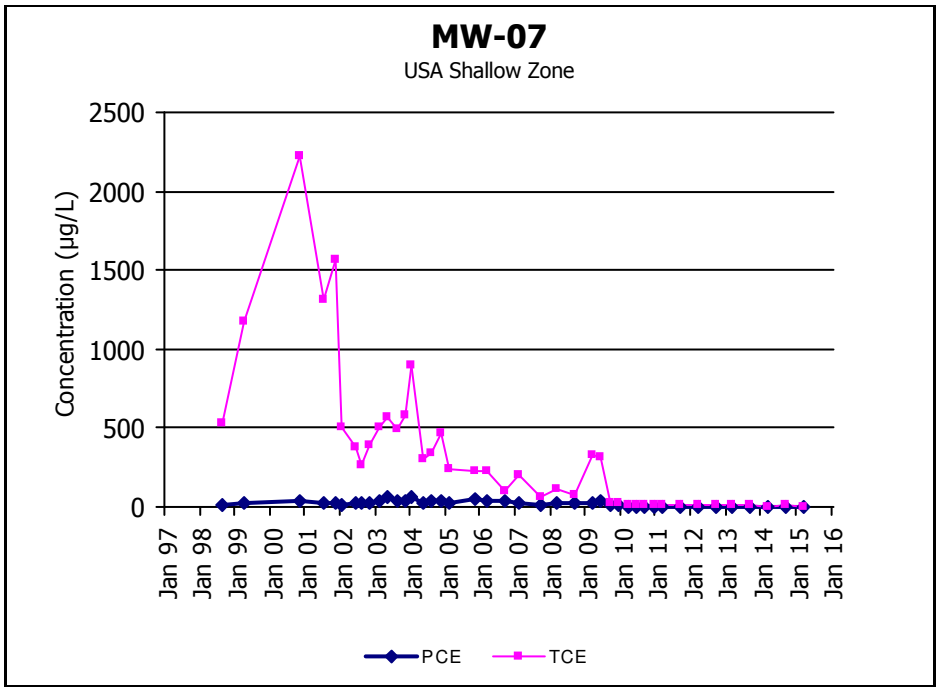

MW-01
USA Shallow Zone
Concentration (µg/L)
3
2.5
2
1.5
1
0.5
0
Jan 97 Jan 98 Jan 99 Jan 00 Jan 01 Jan 02 Jan 03 Jan 04 Jan 05 Jan 06 Jan 07 Jan 08 Jan 09 Jan 10 Jan 11 Jan 12 Jan 13 Jan 14 Jan 15 Jan 16
PCE
TCE

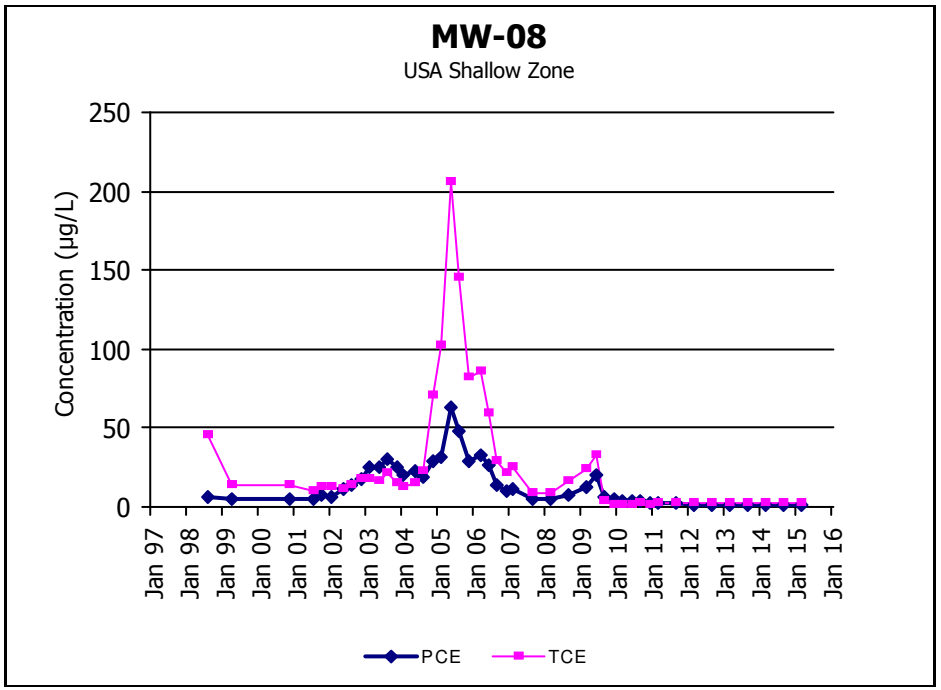

MW-02
USA Shallow Zone
Concentration (µg/L)
7000
6000
5000
4000
3000
2000
1000
0
Jan 97 Jan 98 Jan 99 Jan 00 Jan 01 Jan 02 Jan 03 Jan 04 Jan 05 Jan 06 Jan 07 Jan 08 Jan 09 Jan 10 Jan 11 Jan 12 Jan 13 Jan 14 Jan 15 Jan 16
PCE
TCE

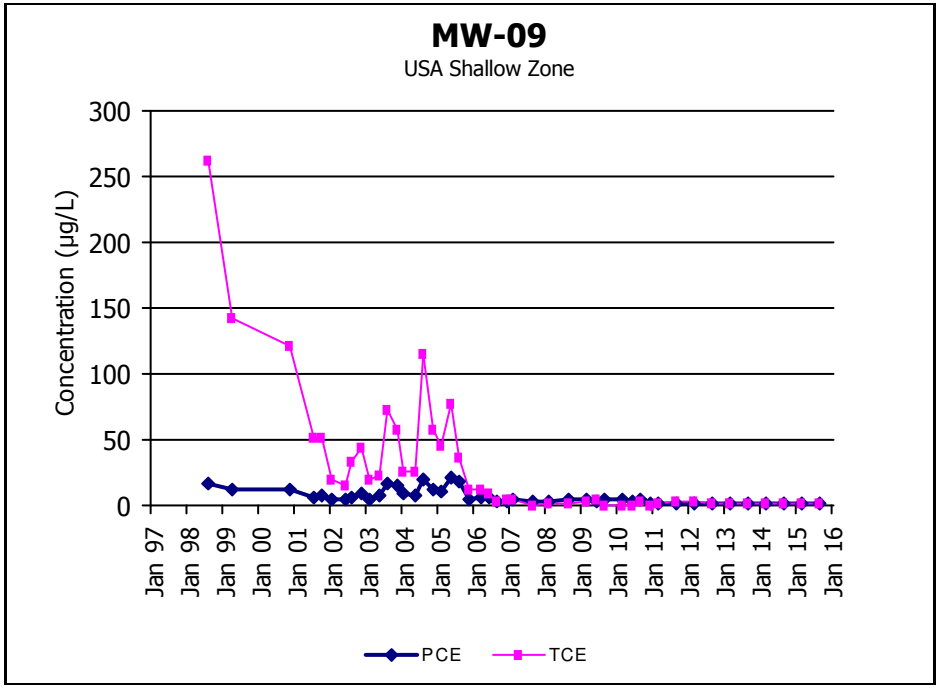

MW-04
USA Shallow Zone
Concentration (µg/L)
9
8
7
6
5
4
3
2
1
0
Jan 97 Jan 98 Jan 99 Jan 00 Jan 01 Jan 02 Jan 03 Jan 04 Jan 05 Jan 06 Jan 07 Jan 08 Jan 09 Jan 10 Jan 11 Jan 12 Jan 13 Jan 14 Jan 15 Jan 16
PCE
TCE

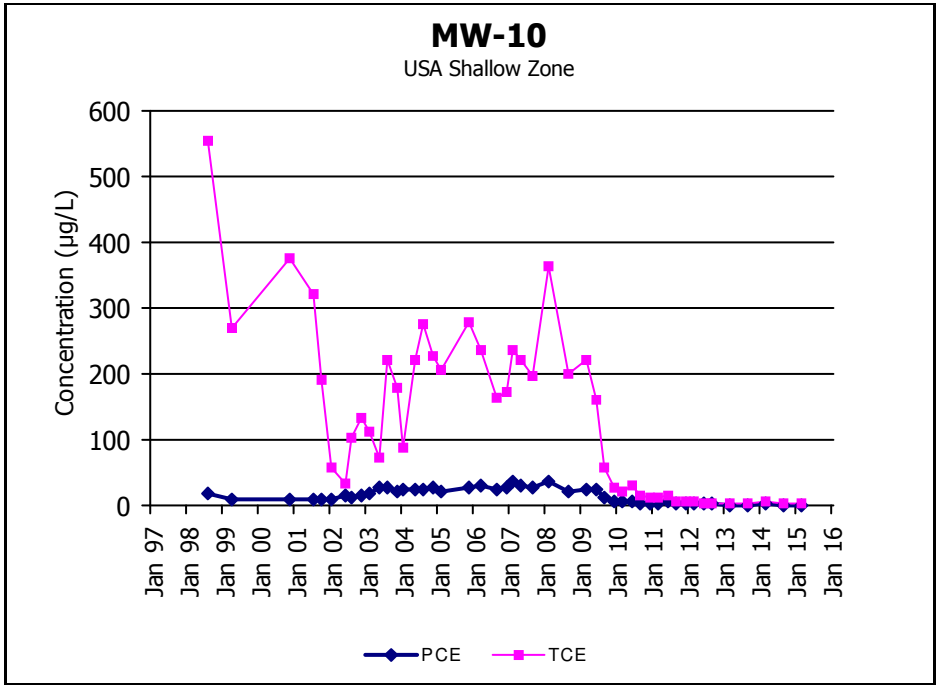

MW-05
USA Shallow Zone
Concentration (µg/L)
25000
20000
15000
10000
5000
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

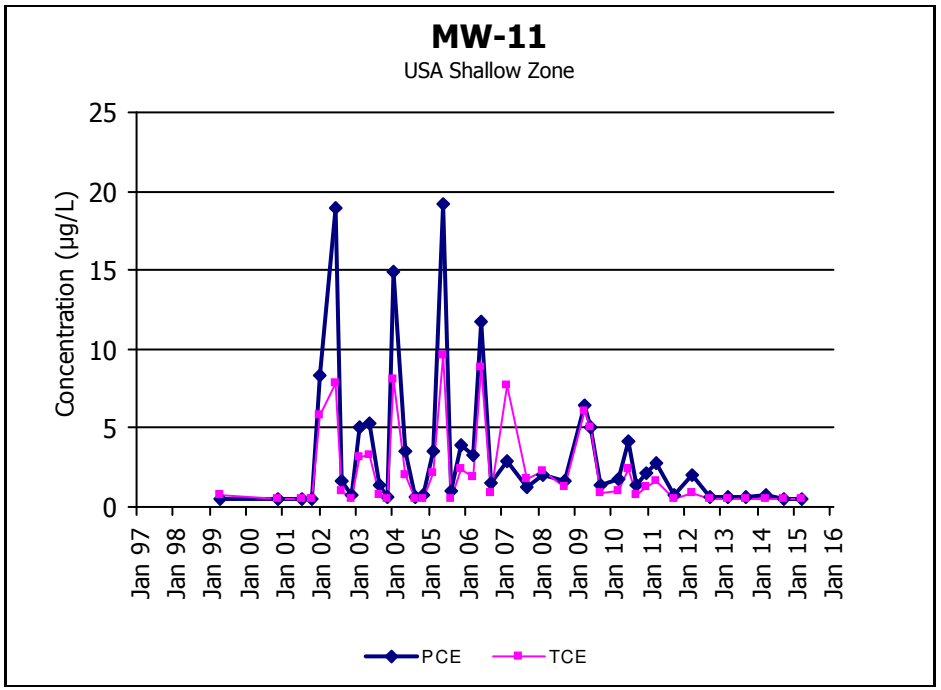

MW-06
USA Shallow Zone
Concentration (µg/L)
180
160
140
120
100
80
60
40
20
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

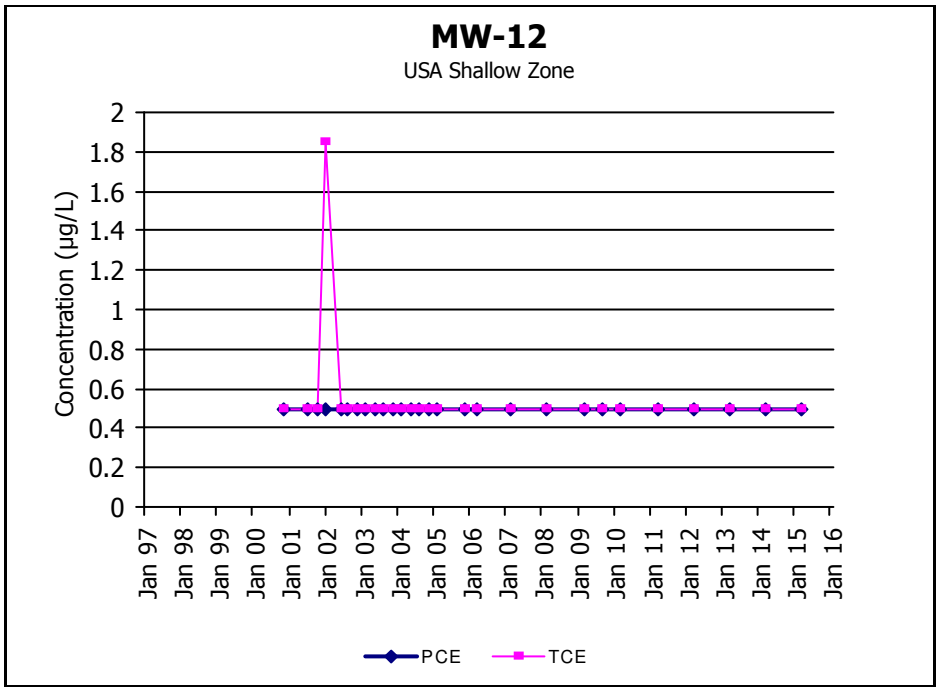

MW-07
USA Shallow Zone
Concentration (µg/L)
2500
2000
1500
1000
500
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

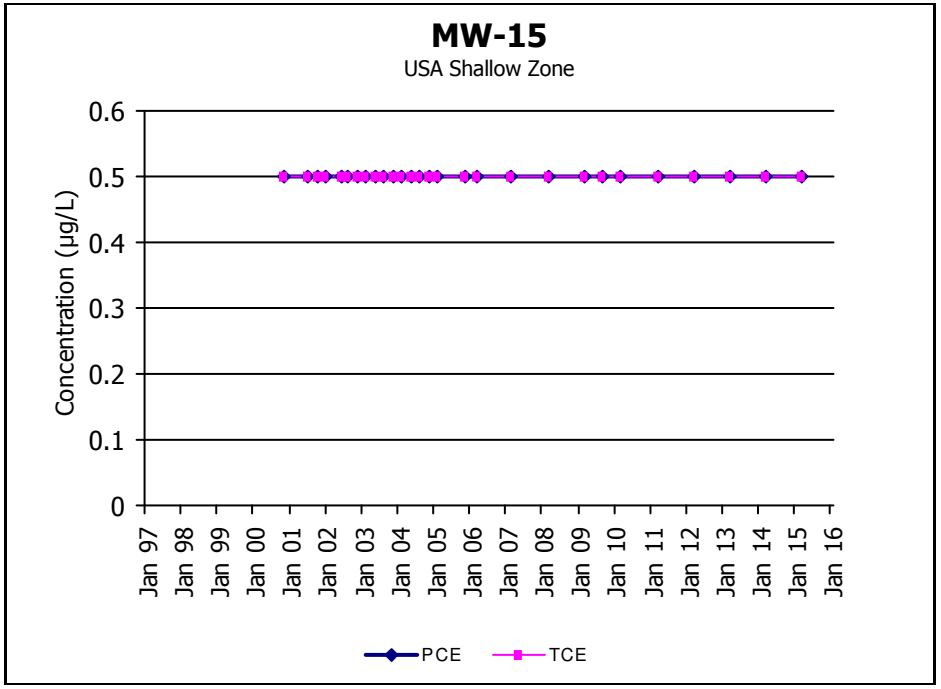

MW-08
USA Shallow Zone
Concentration (µg/L)
250
200
150
100
50
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

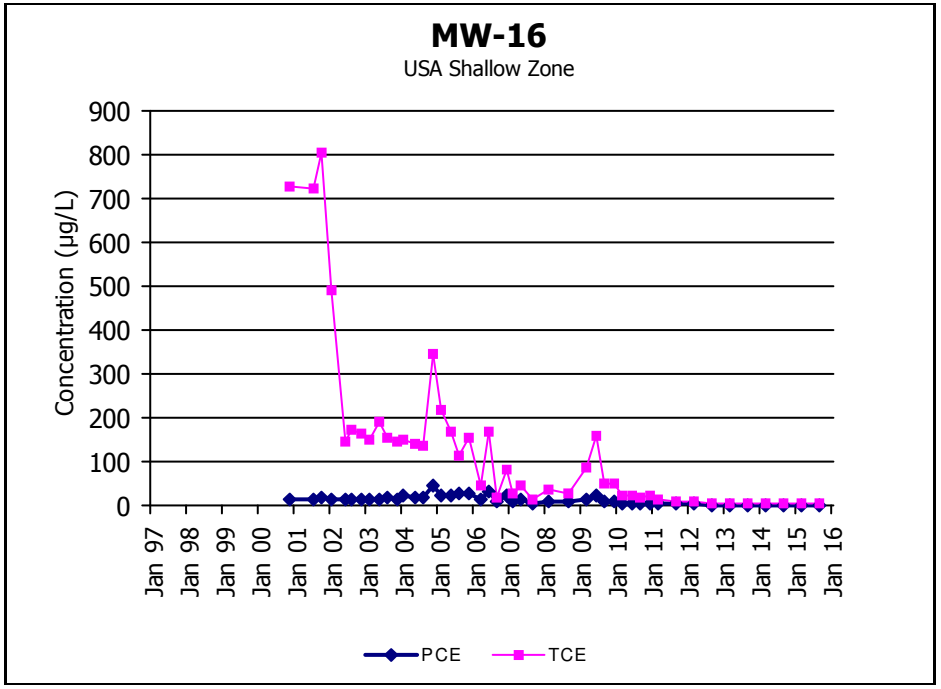

MW-09
USA Shallow Zone
Concentration (µg/L)
300
250
200
150
100
50
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

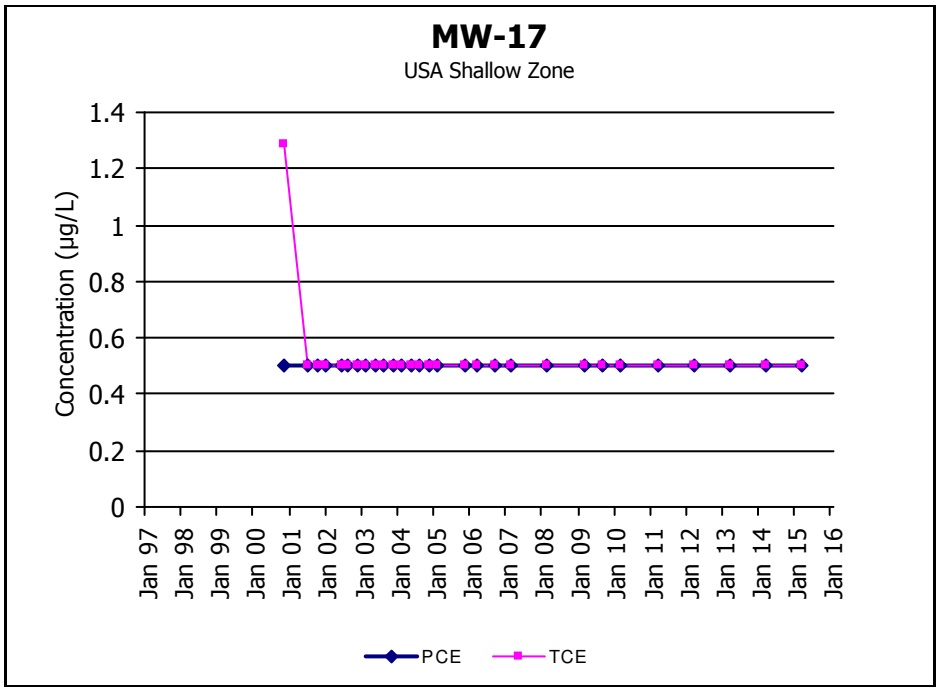

MW-10
USA Shallow Zone
Concentration (µg/L)
600
500
400
300
200
100
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

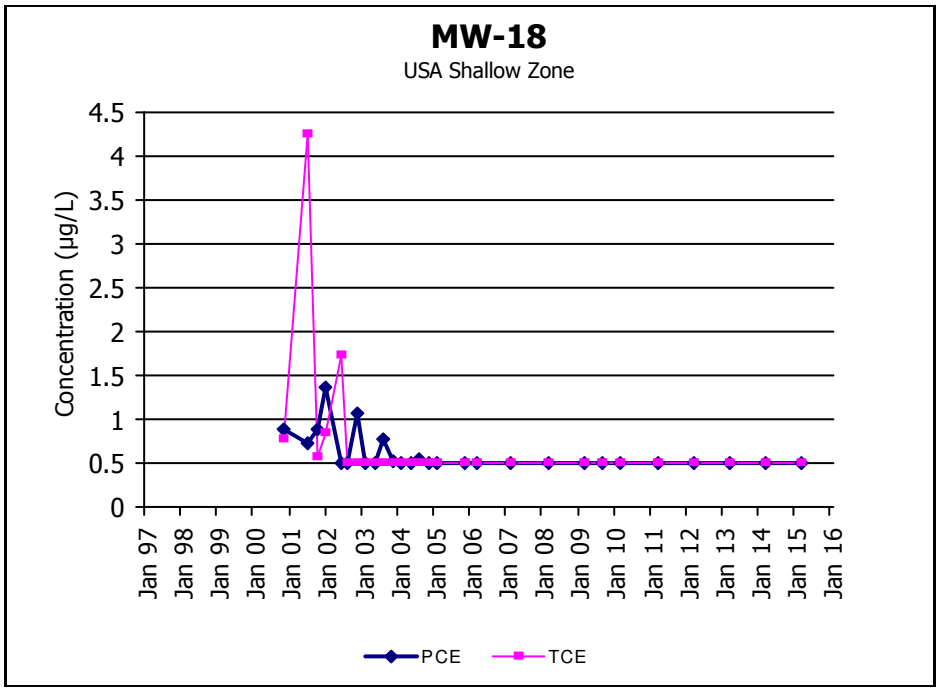

MW-11
USA Shallow Zone
Concentration (µg/L)
25
20
15
10
5
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

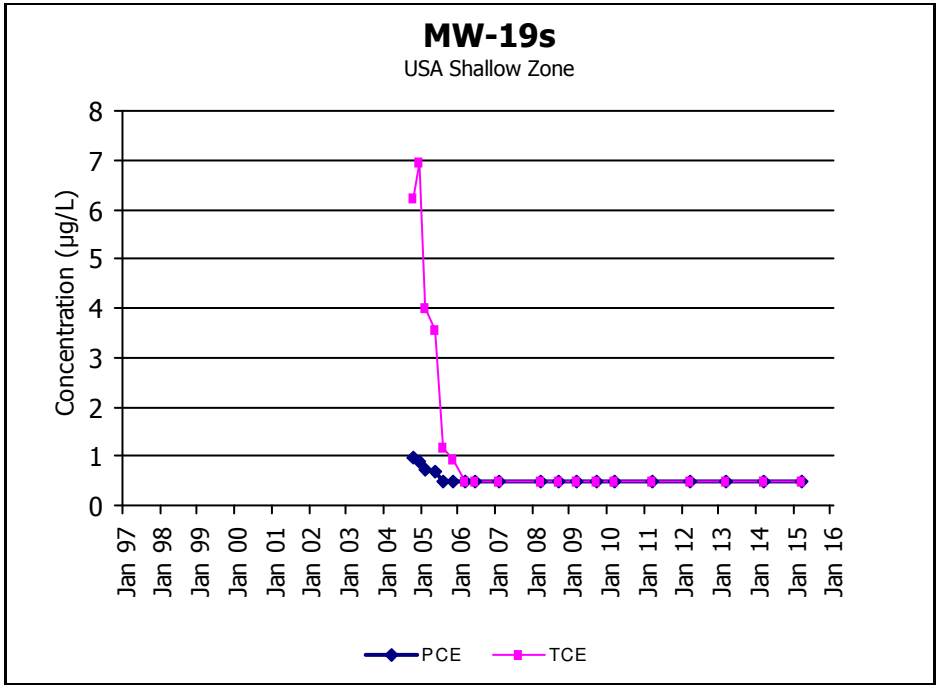

MW-12
USA Shallow Zone
Concentration (µg/L)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

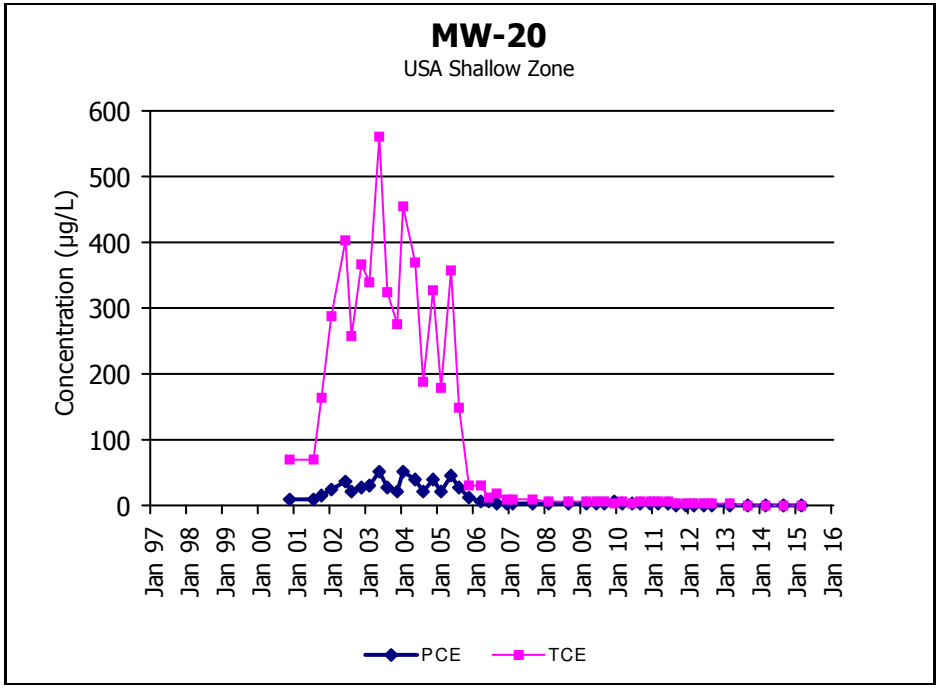

MW-15
USA Shallow Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

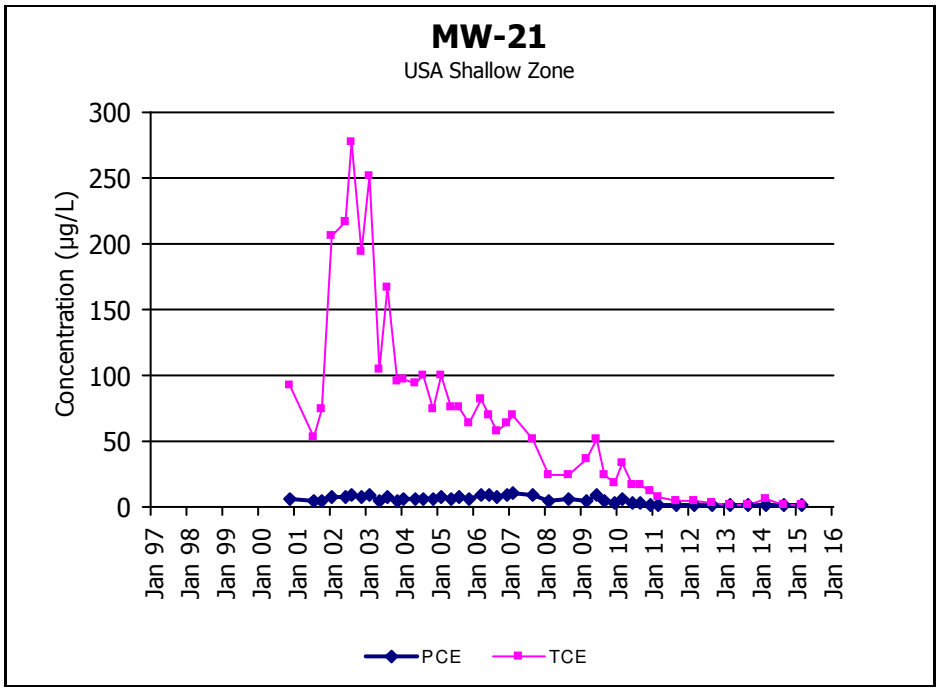

MW-16
USA Shallow Zone
Concentration (µg/L)
900
800
700
600
500
400
300
200
100
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

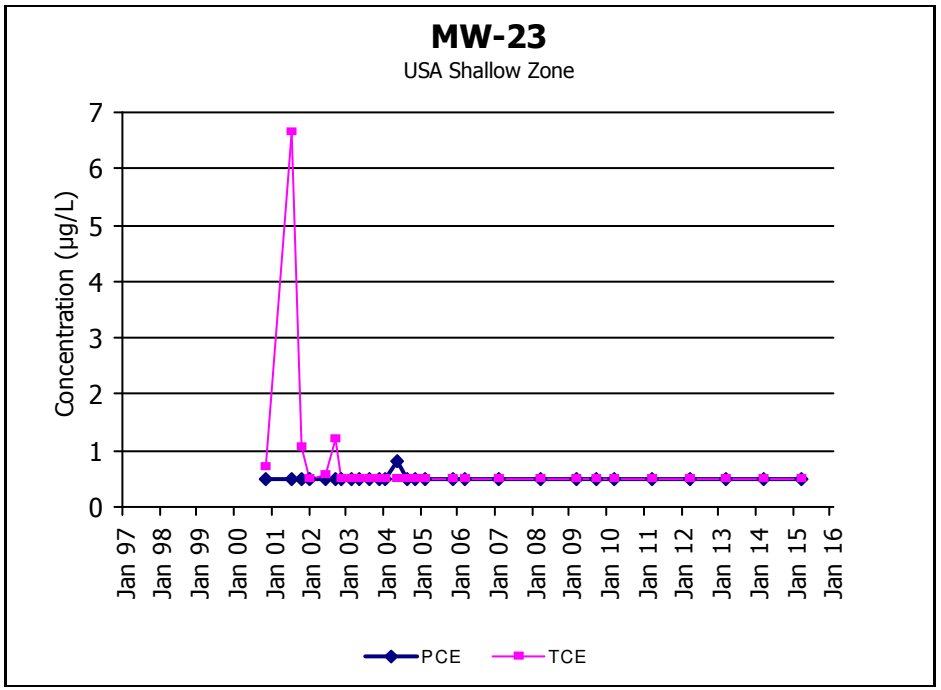

MW-17
USA Shallow Zone
Concentration (µg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

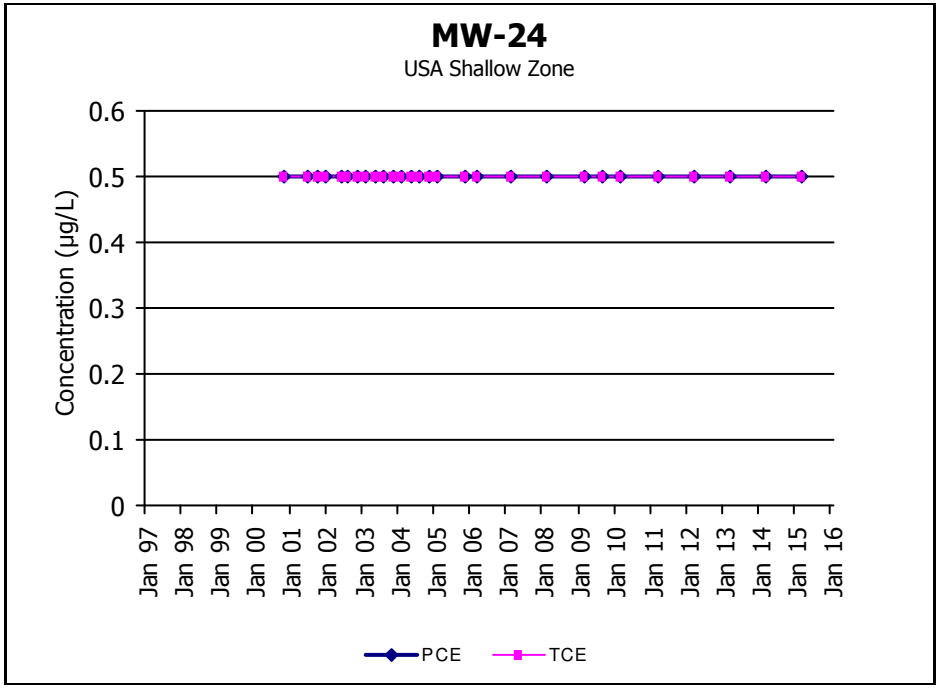

MW-18
USA Shallow Zone
Concentration (µg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

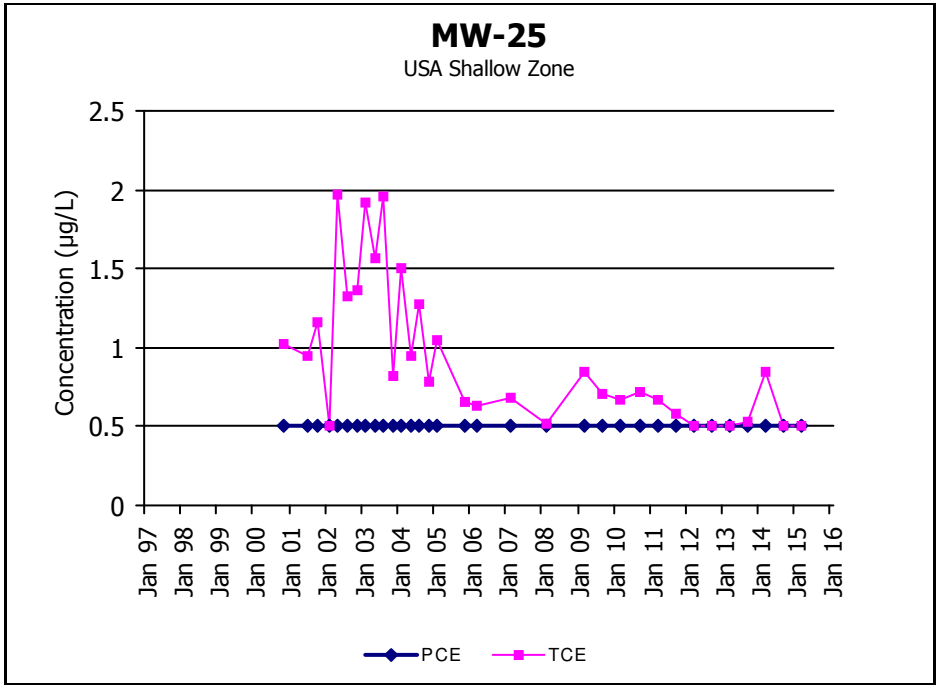

MW-19s
USA Shallow Zone
Concentration (µg/L)
0
1
2
3
4
5
6
7
8
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

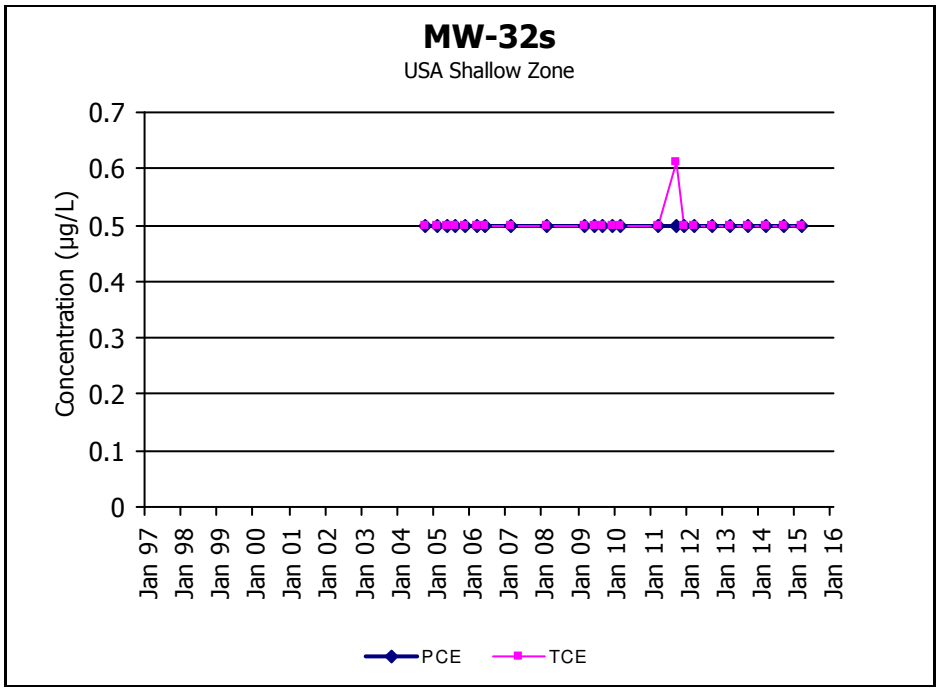

MW-20
USA Shallow Zone
Concentration (µg/L)
0
100
200
300
400
500
600
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

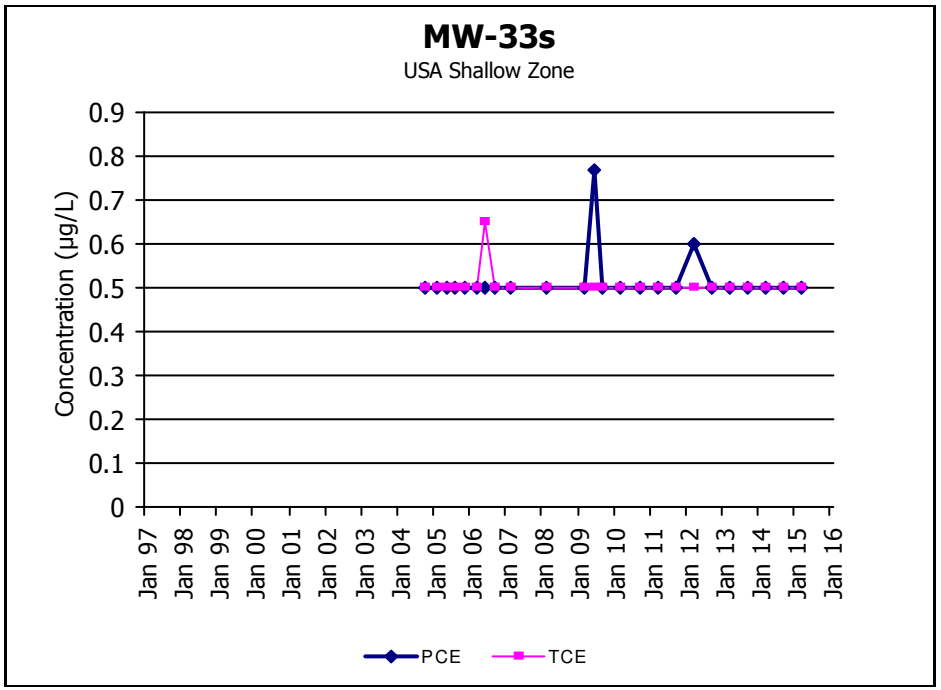

MW-21
USA Shallow Zone
Concentration (µg/L)
0
50
100
150
200
250
300
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

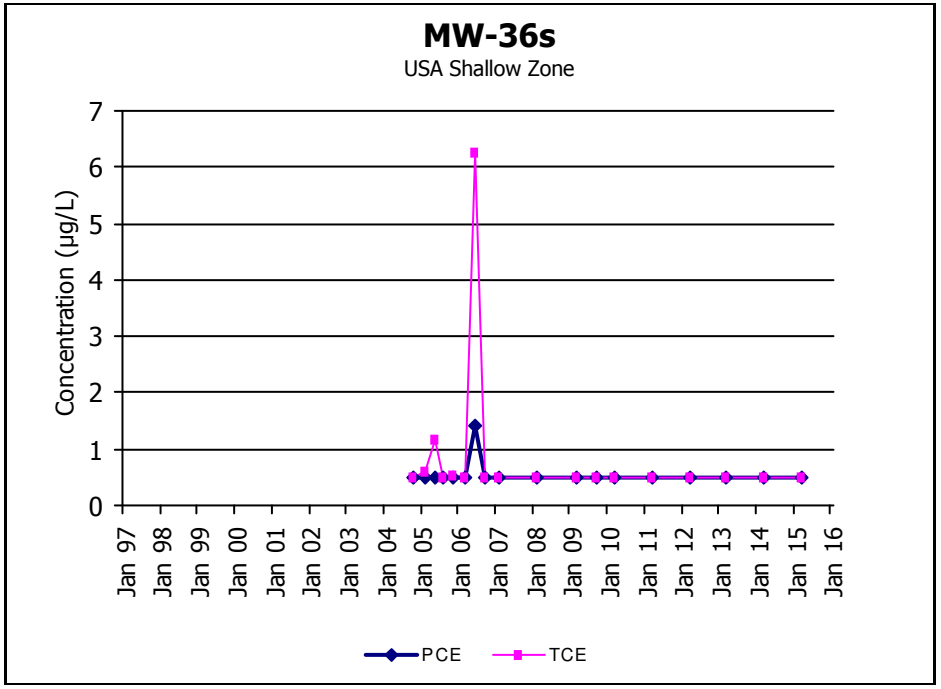

MW-23
USA Shallow Zone
Concentration (µg/L)
0
1
2
3
4
5
6
7
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

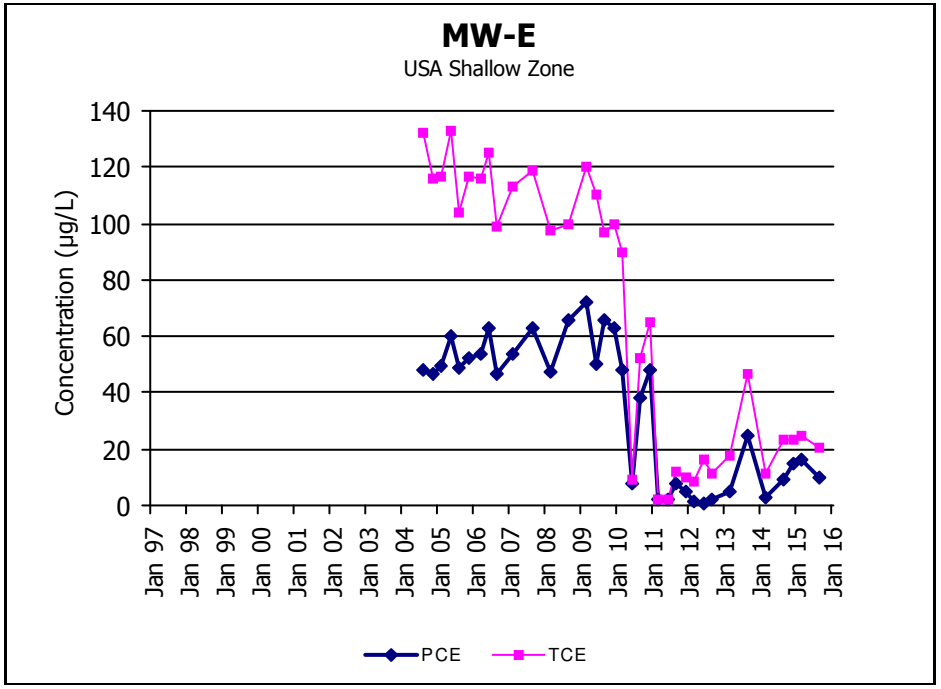

MW-24
USA Shallow Zone
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 97 Jan 98 Jan 99 Jan 00 Jan 01 Jan 02 Jan 03 Jan 04 Jan 05 Jan 06 Jan 07 Jan 08 Jan 09 Jan 10 Jan 11 Jan 12 Jan 13 Jan 14 Jan 15 Jan 16
PCE
TCE

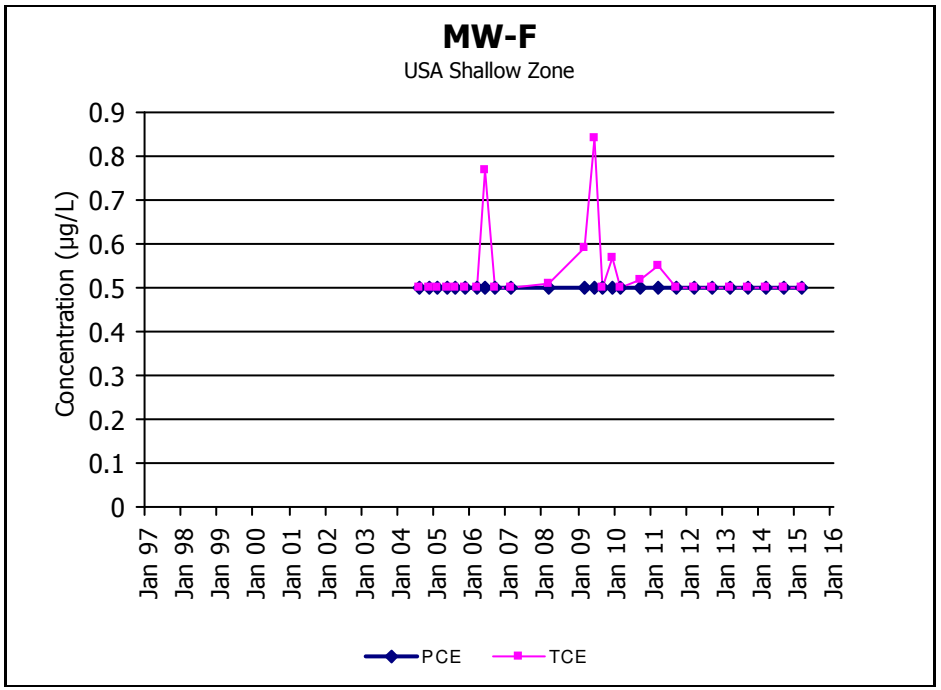

MW-25
USA Shallow Zone
Concentration (µg/L)
2.5
2
1.5
1
0.5
0
Jan 97 Jan 98 Jan 99 Jan 00 Jan 01 Jan 02 Jan 03 Jan 04 Jan 05 Jan 06 Jan 07 Jan 08 Jan 09 Jan 10 Jan 11 Jan 12 Jan 13 Jan 14 Jan 15 Jan 16
PCE
TCE

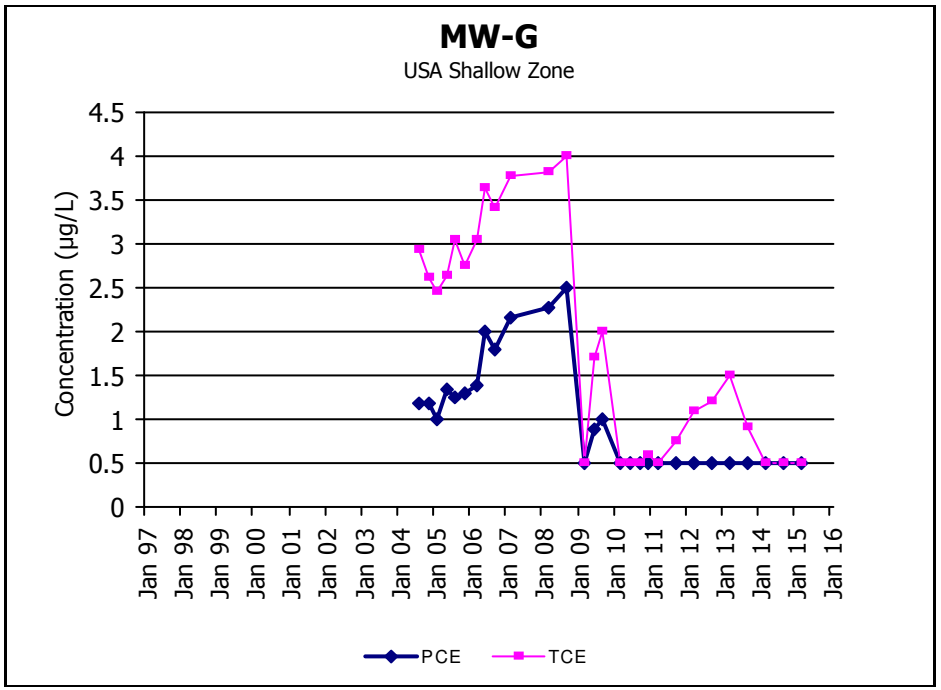

MW-32s
USA Shallow Zone
Concentration (µg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 97 Jan 98 Jan 99 Jan 00 Jan 01 Jan 02 Jan 03 Jan 04 Jan 05 Jan 06 Jan 07 Jan 08 Jan 09 Jan 10 Jan 11 Jan 12 Jan 13 Jan 14 Jan 15 Jan 16
PCE
TCE

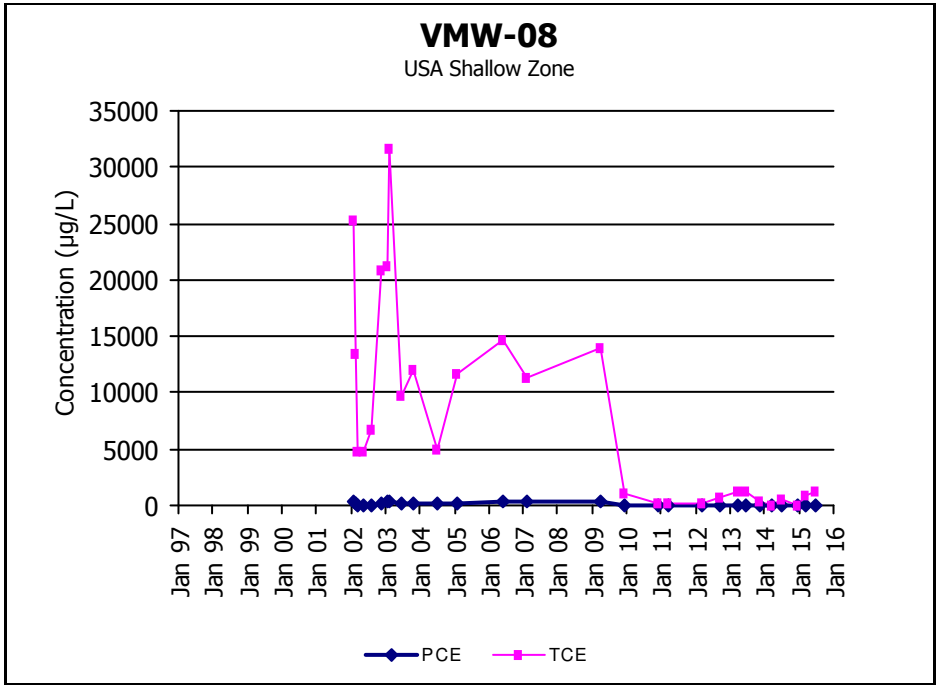

MW-33s
USA Shallow Zone
Concentration (µg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 97 Jan 98 Jan 99 Jan 00 Jan 01 Jan 02 Jan 03 Jan 04 Jan 05 Jan 06 Jan 07 Jan 08 Jan 09 Jan 10 Jan 11 Jan 12 Jan 13 Jan 14 Jan 15 Jan 16
PCE
TCE

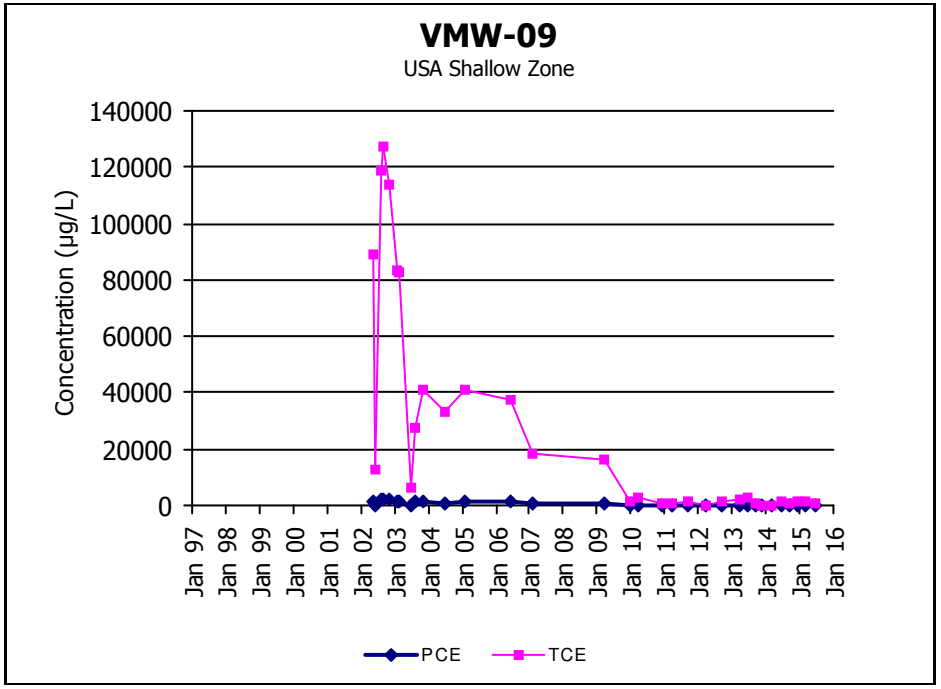

MW-36s
USA Shallow Zone
Concentration (µg/L)
0
1
2
3
4
5
6
7
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

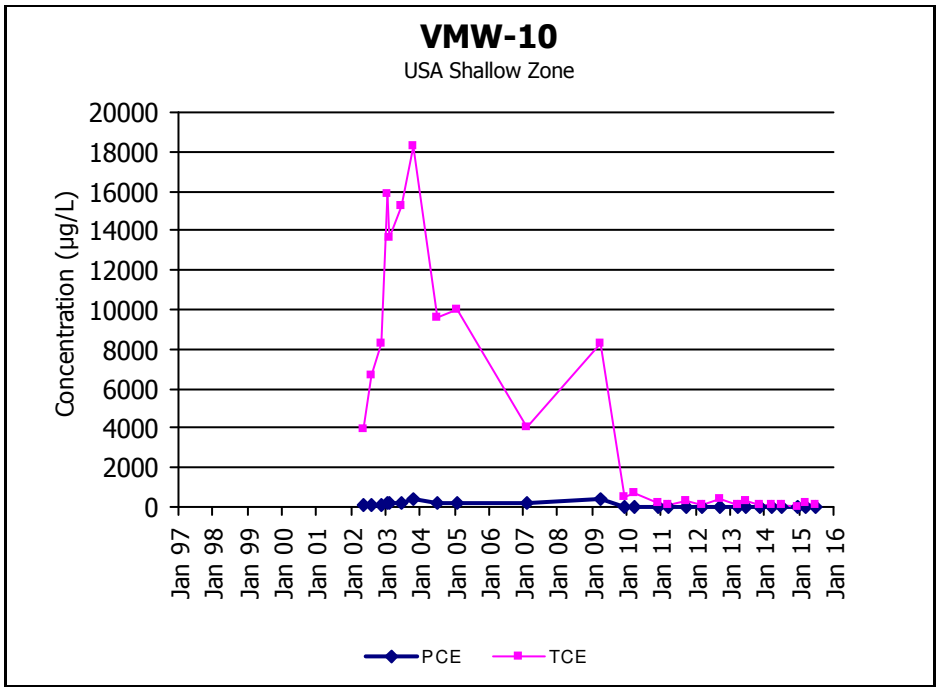

MW-E
USA Shallow Zone
Concentration (µg/L)
0
20
40
60
80
100
120
140
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

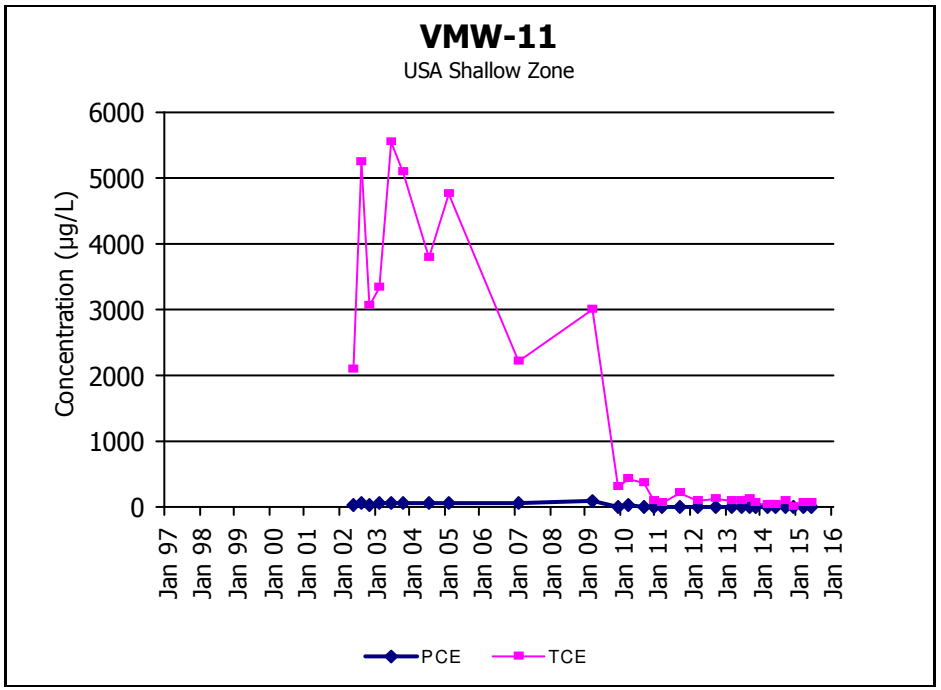

MW-F
USA Shallow Zone
Concentration (µg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

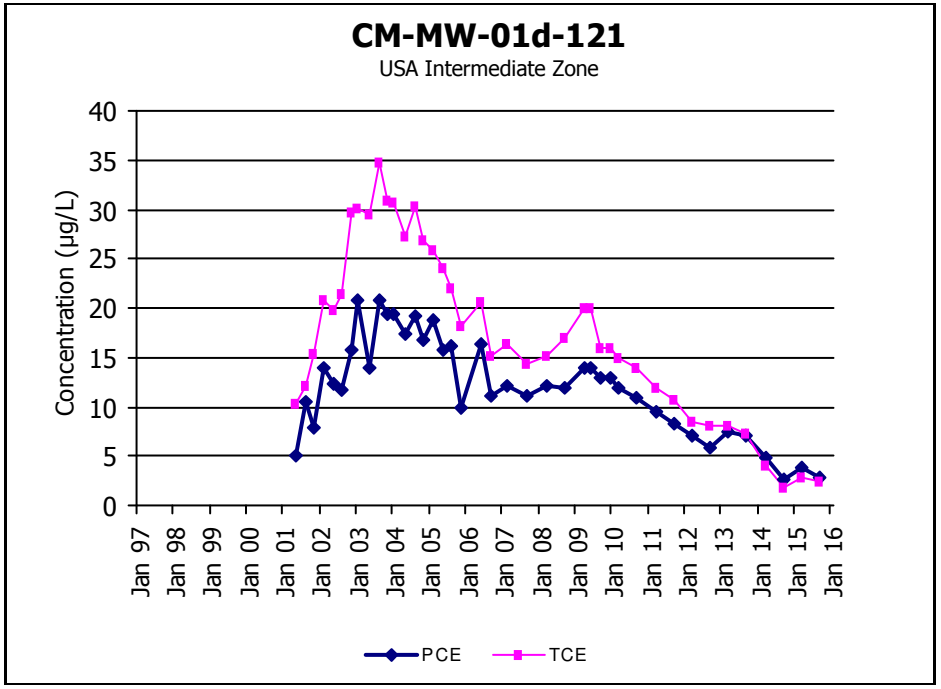

MW-G
USA Shallow Zone
Concentration (µg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

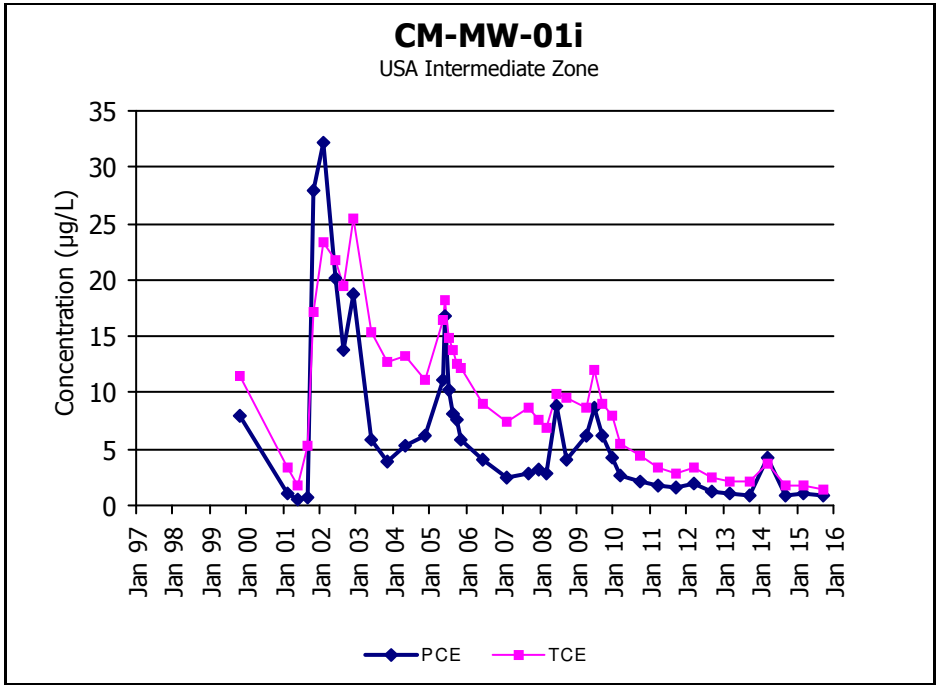

VMW-08
USA Shallow Zone
Concentration (µg/L)
35000
30000
25000
20000
15000
10000
5000
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

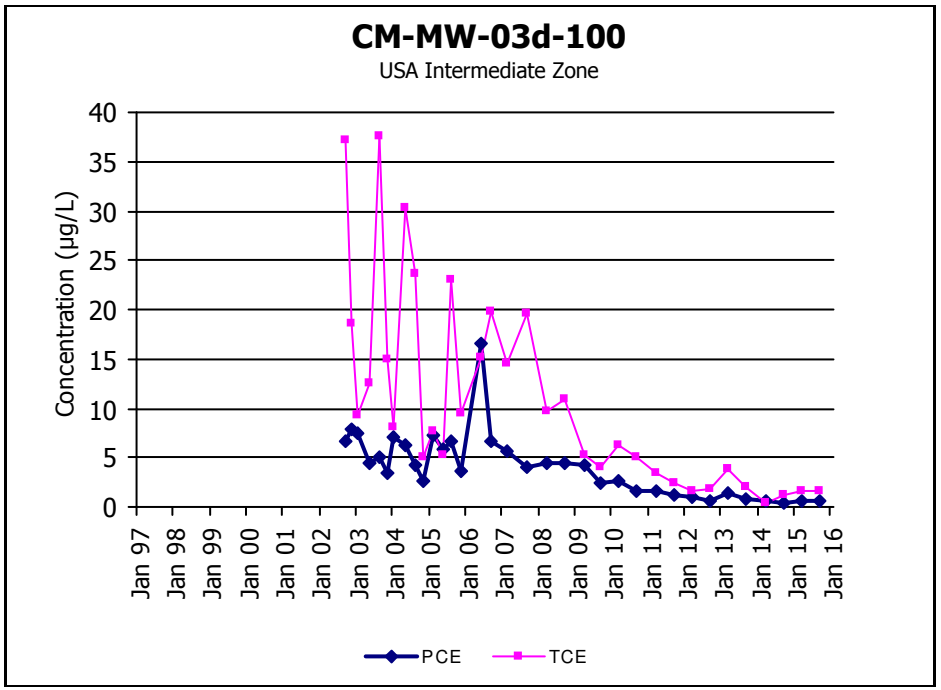

VMW-09
USA Shallow Zone
Concentration (µg/L)
140000
120000
100000
80000
60000
40000
20000
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

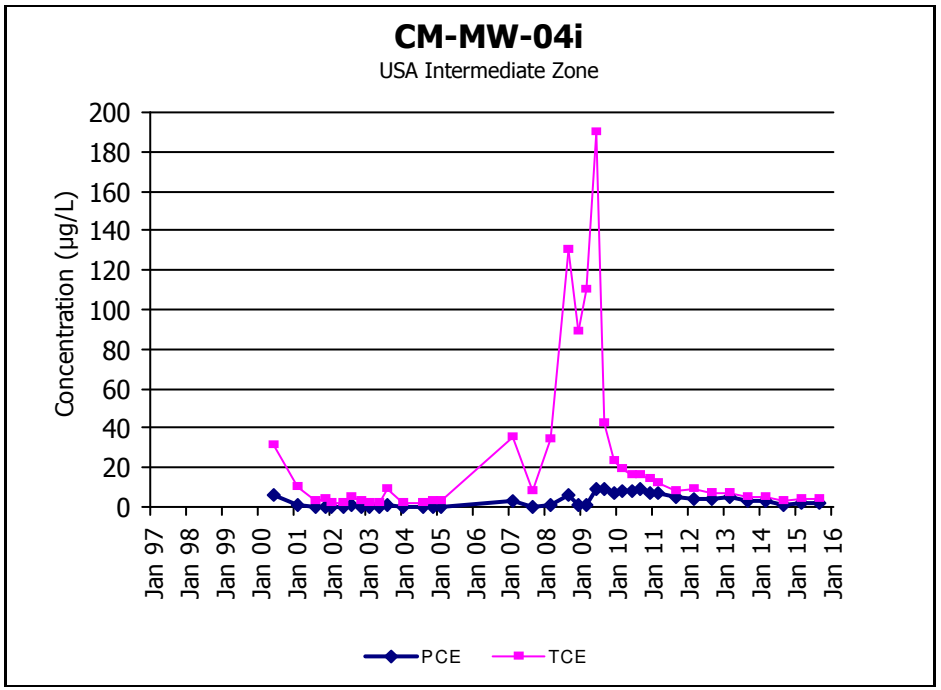

VMW-10
USA Shallow Zone
Concentration (µg/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

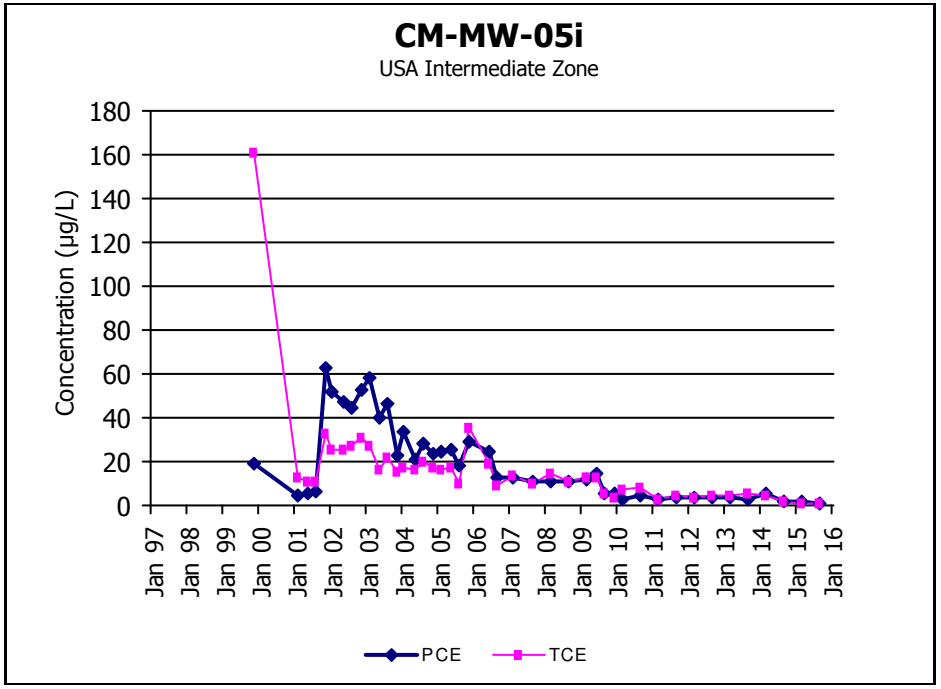

VMW-11
USA Shallow Zone
Concentration (µg/L)
6000
5000
4000
3000
2000
1000
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

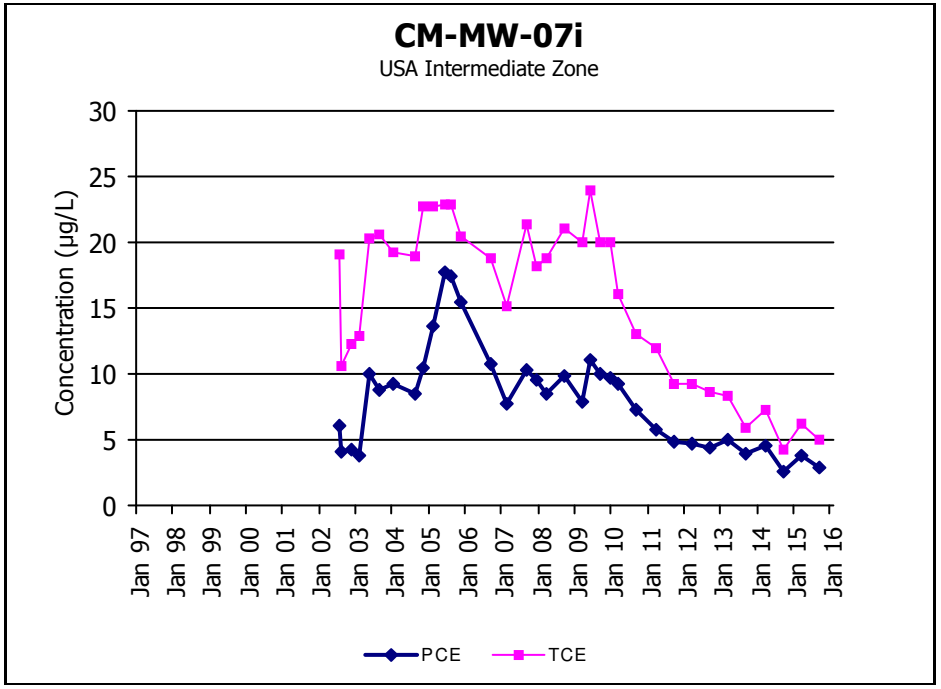

CM-MW-01d-121
USA Intermediate Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

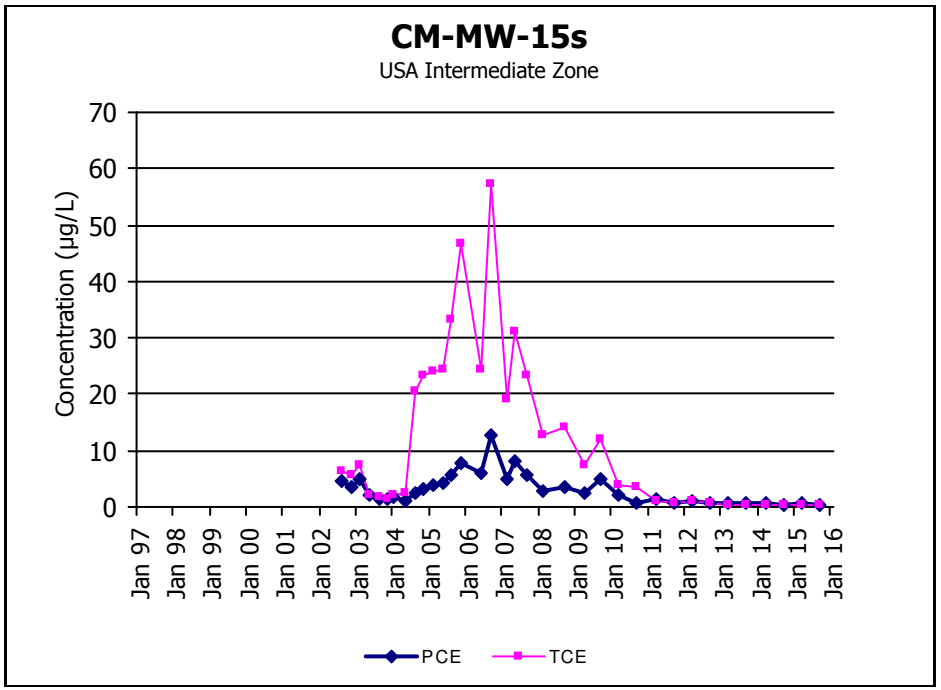

CM-MW-01i
USA Intermediate Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

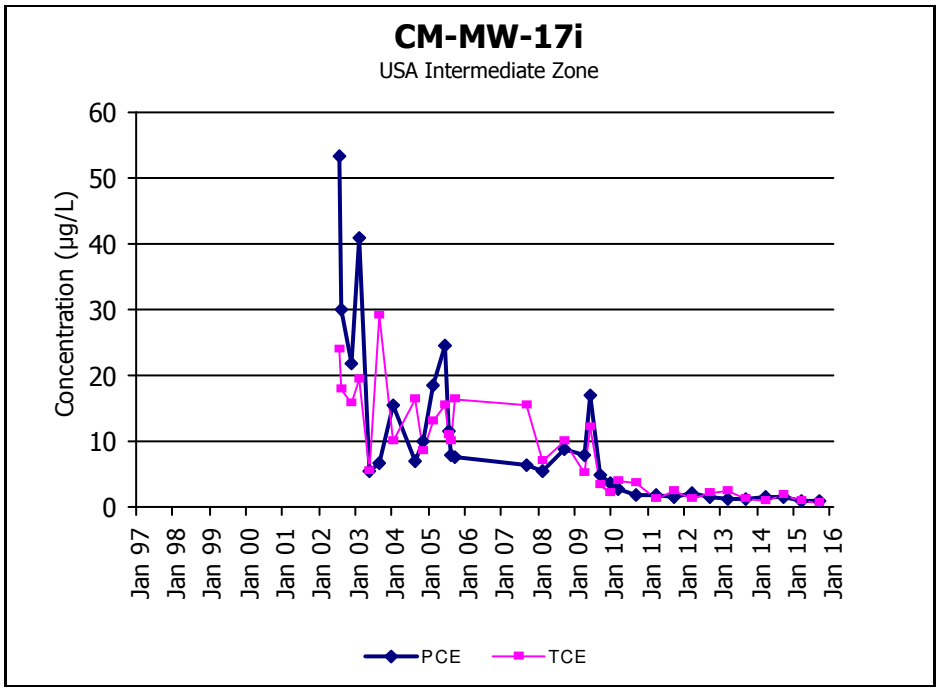

CM-MW-03d-100
USA Intermediate Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

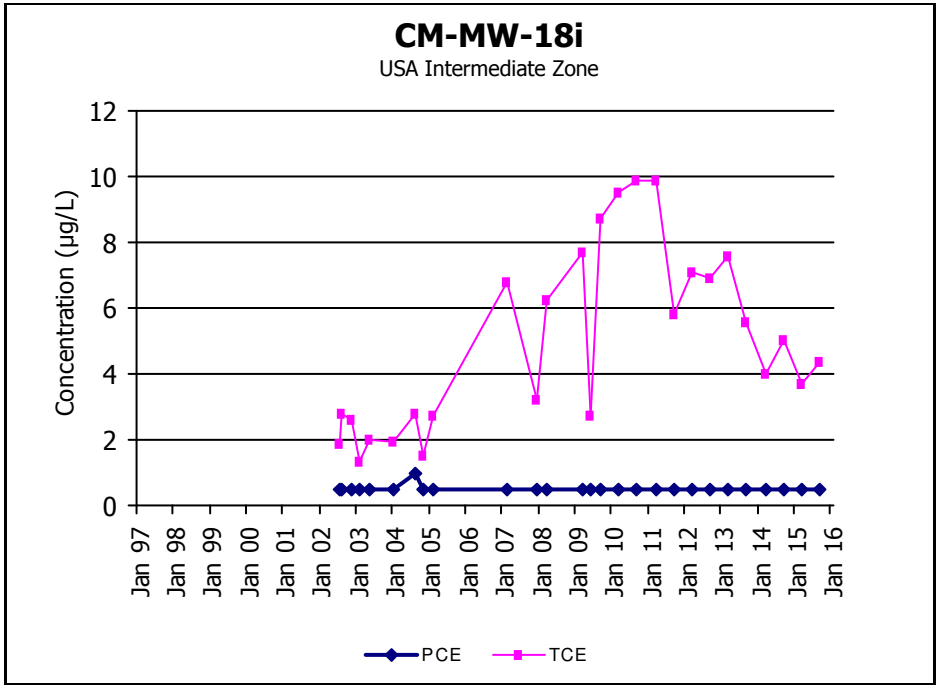

CM-MW-04i
USA Intermediate Zone
Concentration (µg/L)
0
20
40
60
80
100
120
140
160
180
200
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

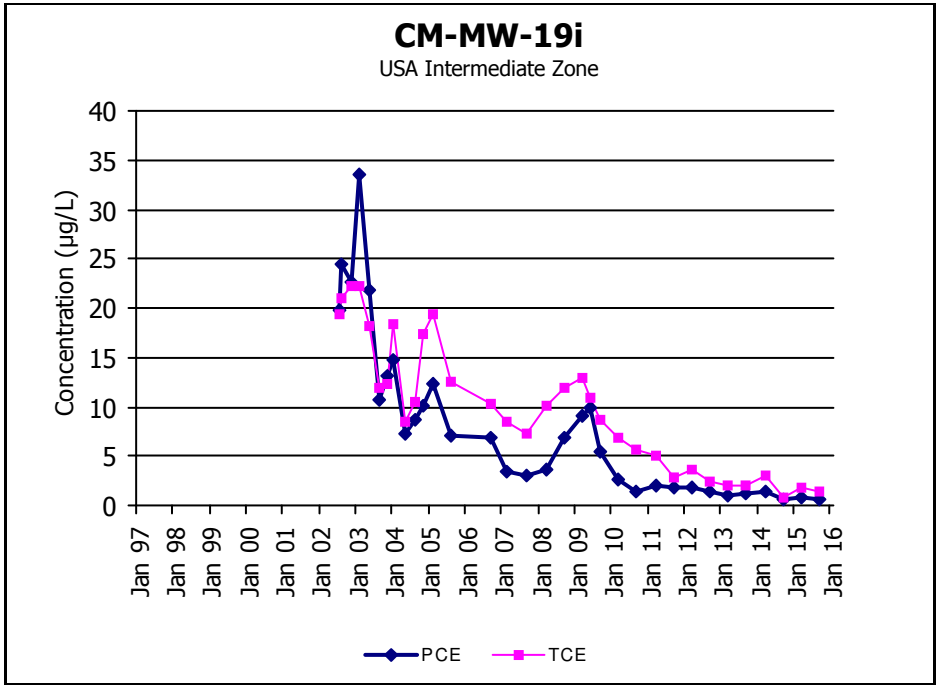

CM-MW-05i
USA Intermediate Zone
Concentration (µg/L)
180
160
140
120
100
80
60
40
20
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

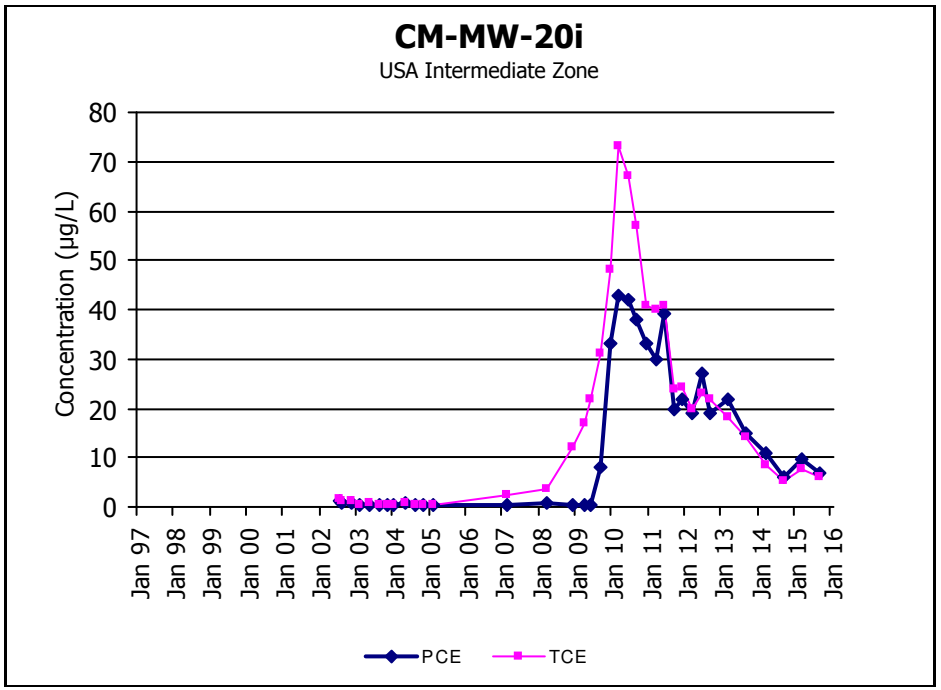

CM-MW-07i
USA Intermediate Zone
Concentration (µg/L)
30
25
20
15
10
5
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

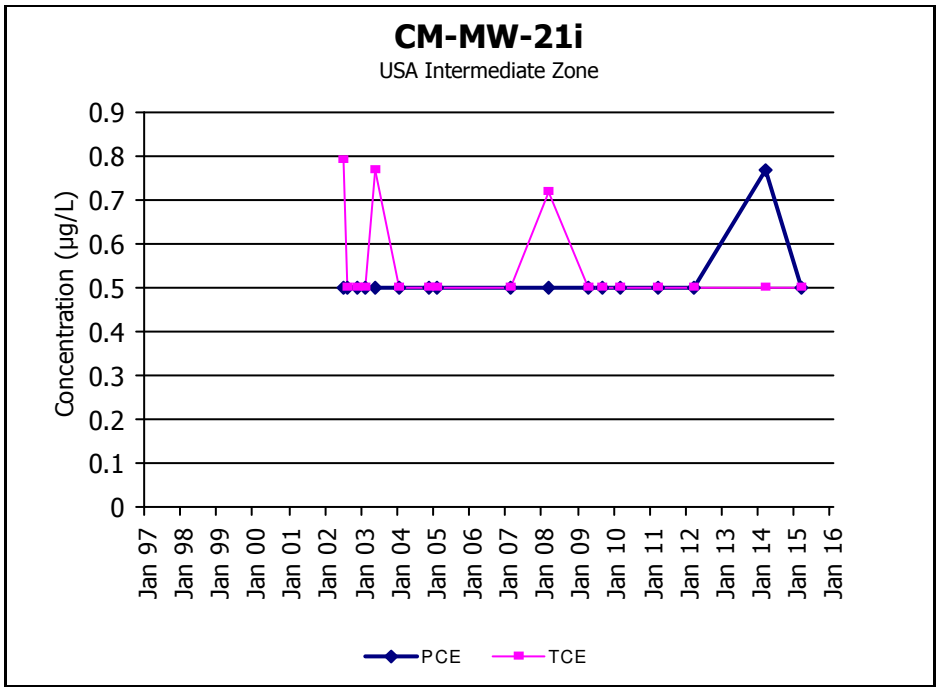

CM-MW-15s
USA Intermediate Zone
Concentration (µg/L)
70
60
50
40
30
20
10
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

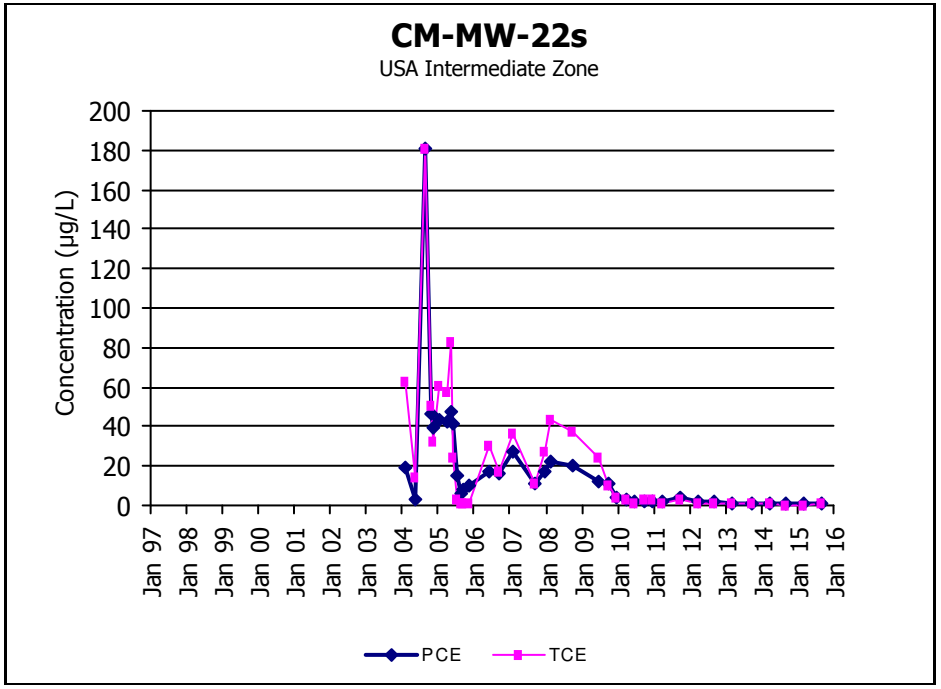

CM-MW-17i
USA Intermediate Zone
Concentration (µg/L)
60
50
40
30
20
10
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

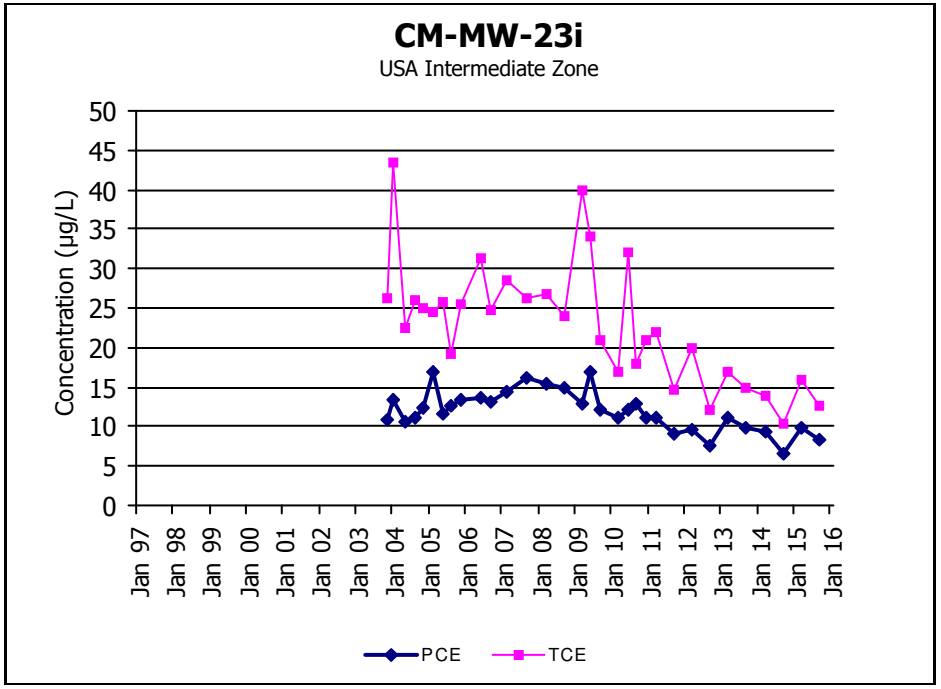

CM-MW-18i
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

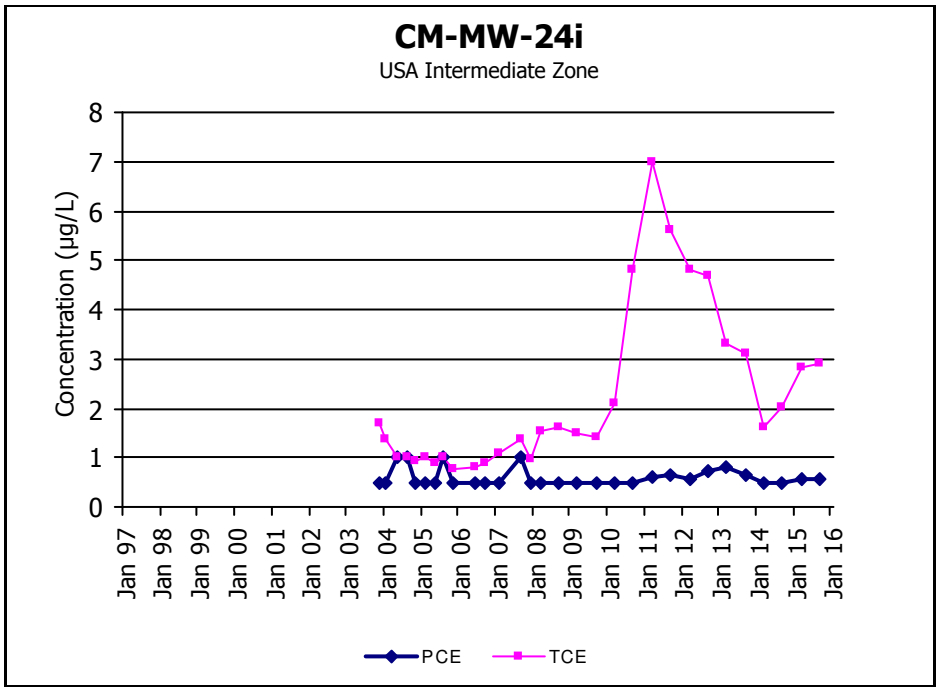

CM-MW-19i
USA Intermediate Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

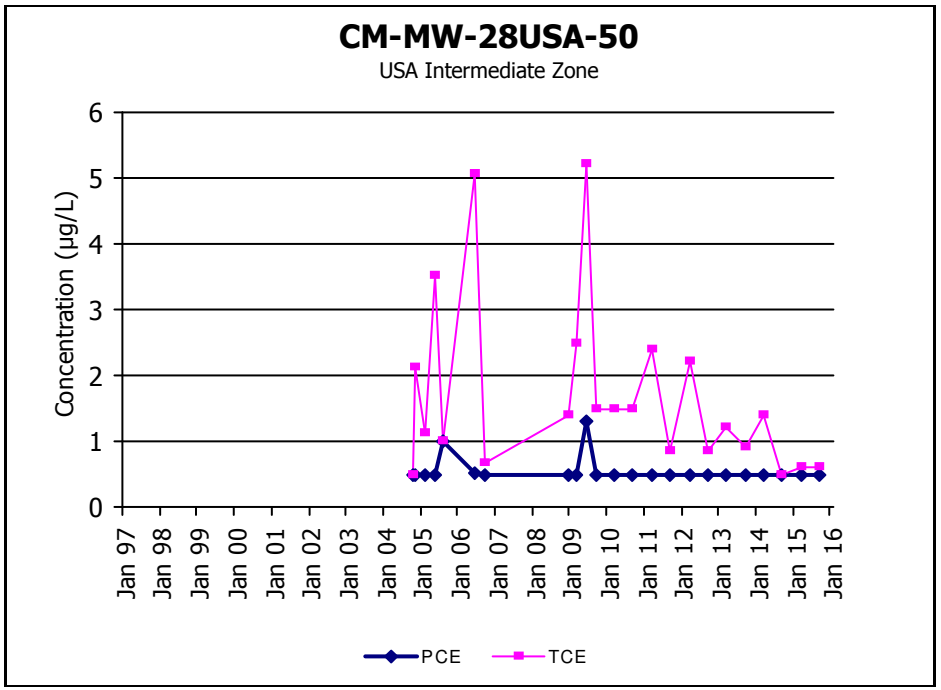

CM-MW-20i
USA Intermediate Zone
Concentration (µg/L)
0
10
20
30
40
50
60
70
80
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

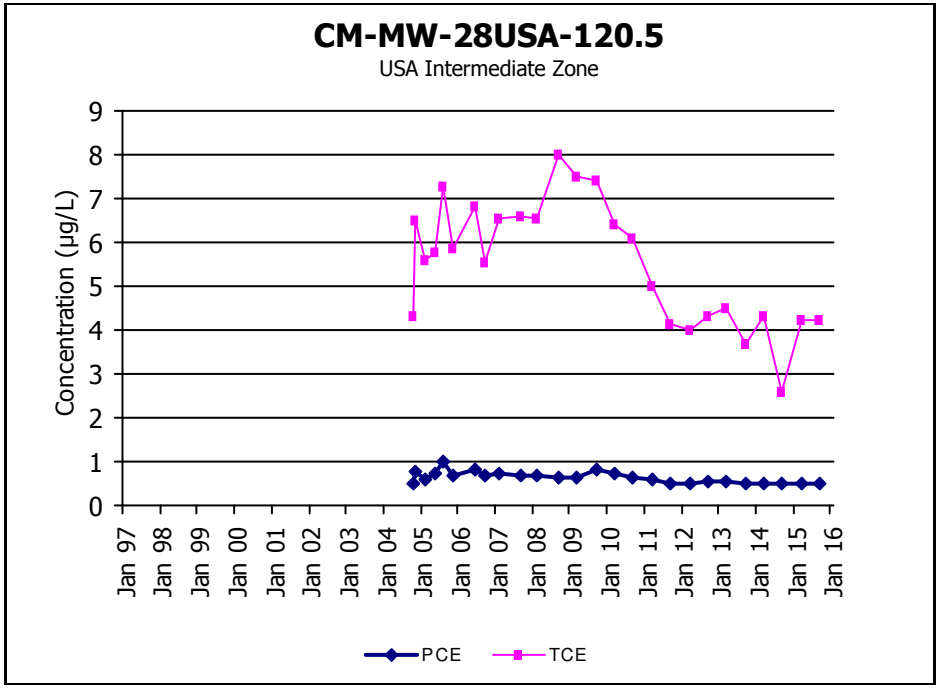

CM-MW-21i
USA Intermediate Zone
Concentration (µg/L)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

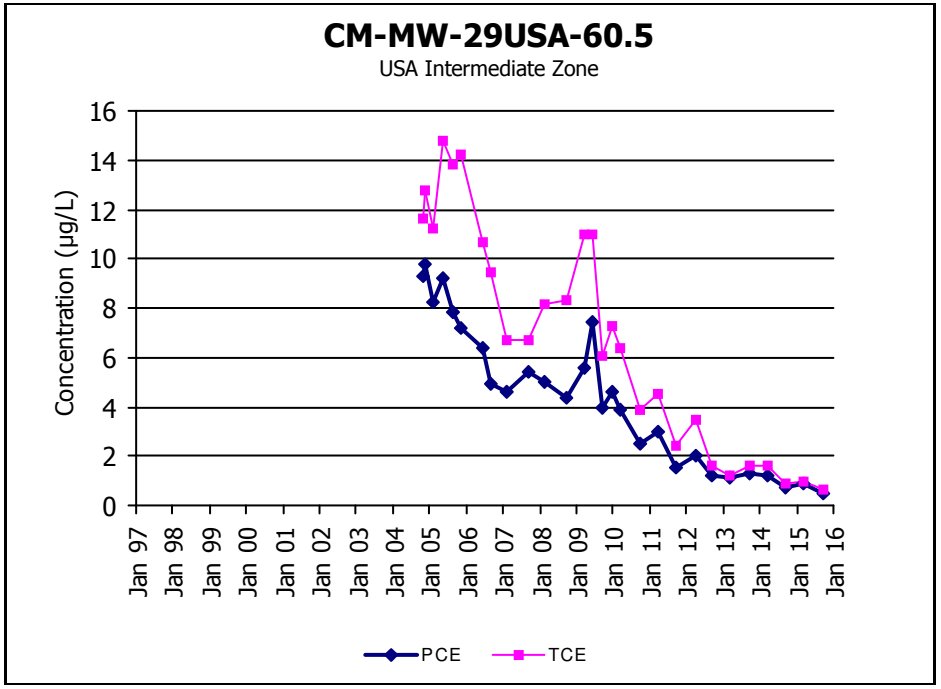

CM-MW-22s
USA Intermediate Zone
Concentration (µg/L)
200
180
160
140
120
100
80
60
40
20
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

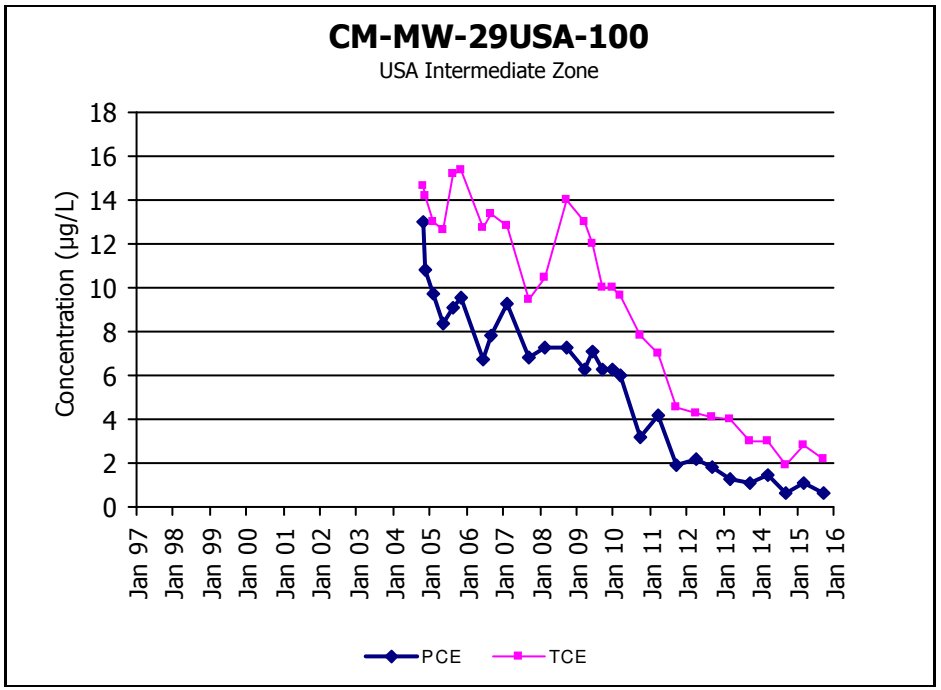

CM-MW-23i
USA Intermediate Zone
Concentration (µg/L)
50
45
40
35
30
25
20
15
10
5
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

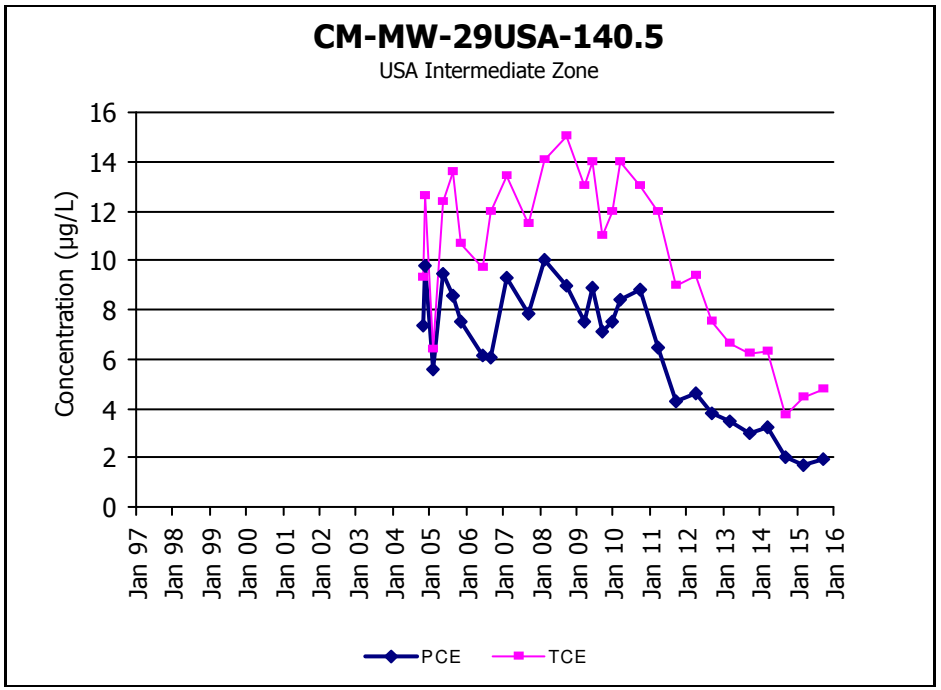

CM-MW-24i
USA Intermediate Zone
Concentration (µg/L)
8
7
6
5
4
3
2
1
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

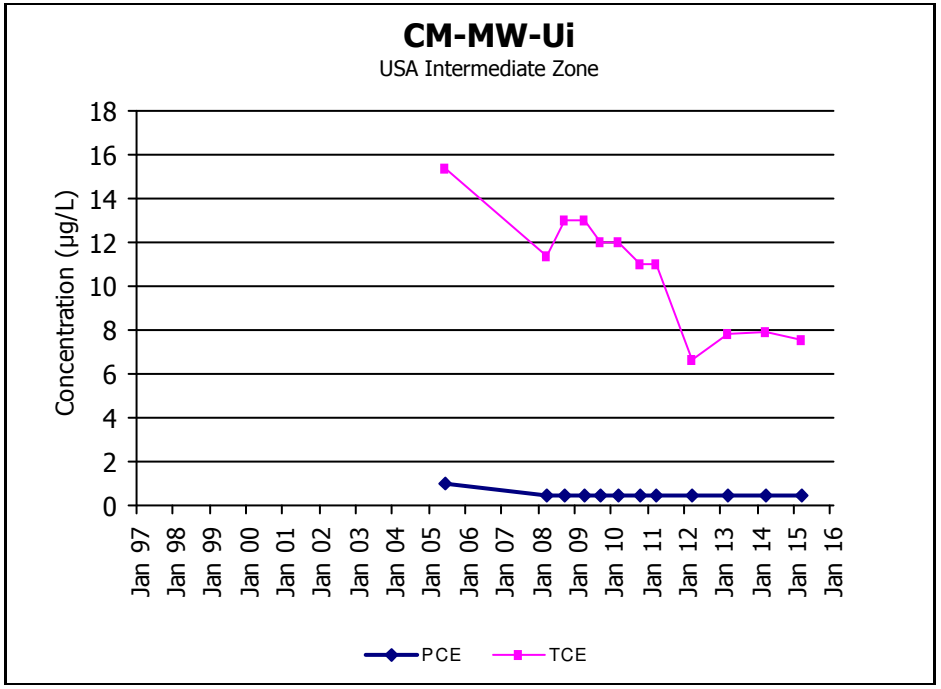

CM-MW-28USA-50
USA Intermediate Zone
Concentration (µg/L)
6
5
4
3
2
1
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

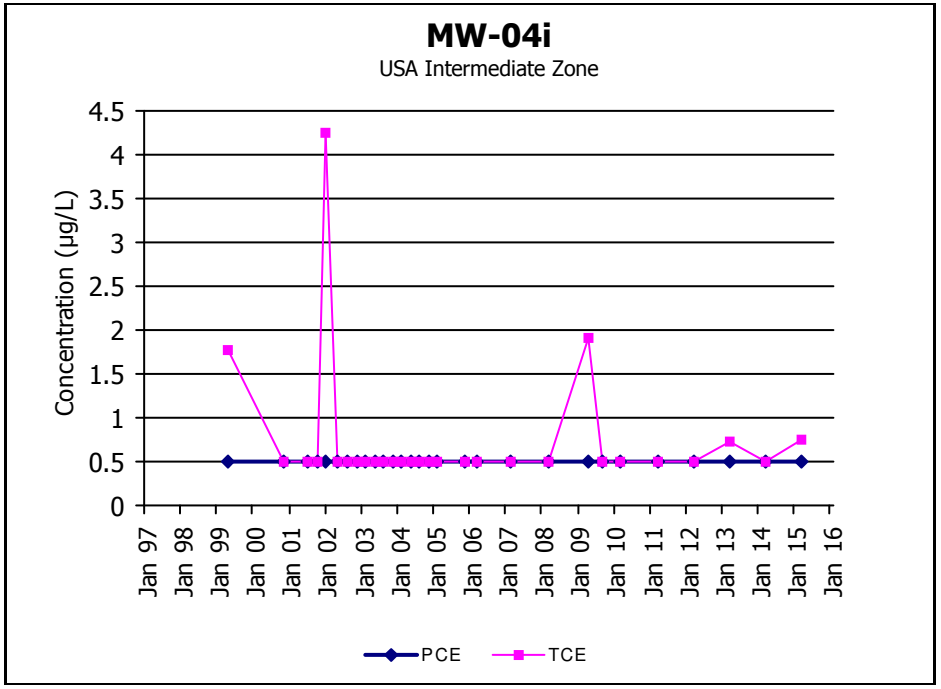

CM-MW-28USA-120.5
USA Intermediate Zone
Concentration (µg/L)
0
1
2
3
4
5
6
7
8
9
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

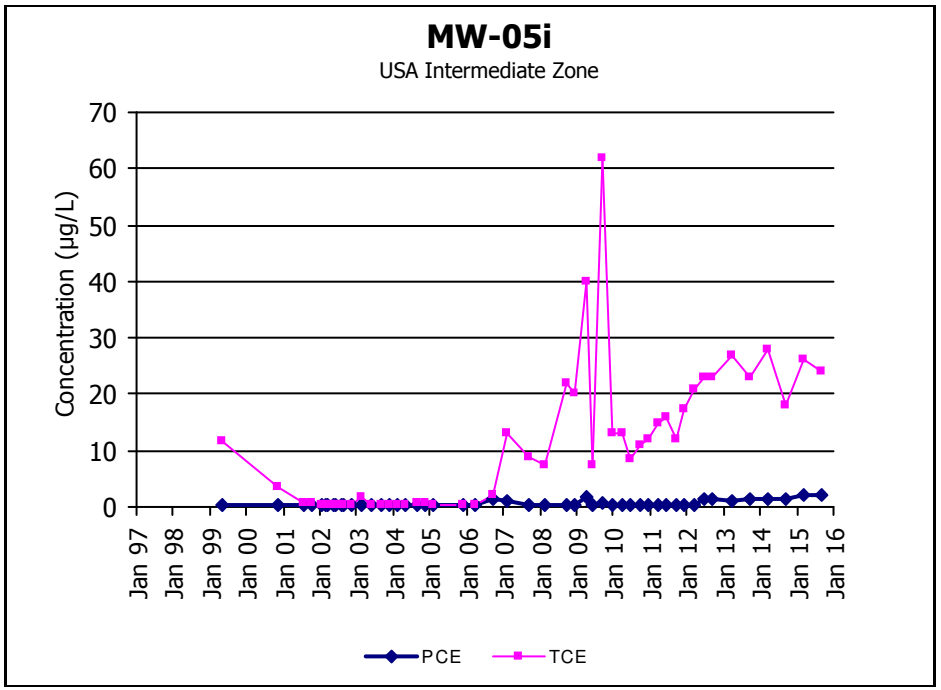

CM-MW-29USA-60.5
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

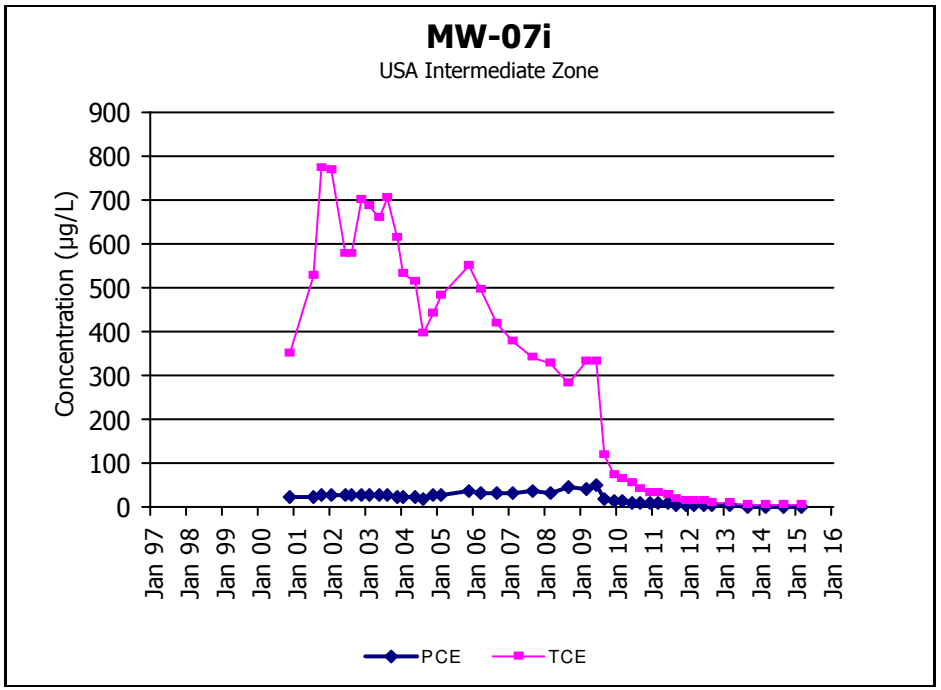

CM-MW-29USA-100
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
18
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

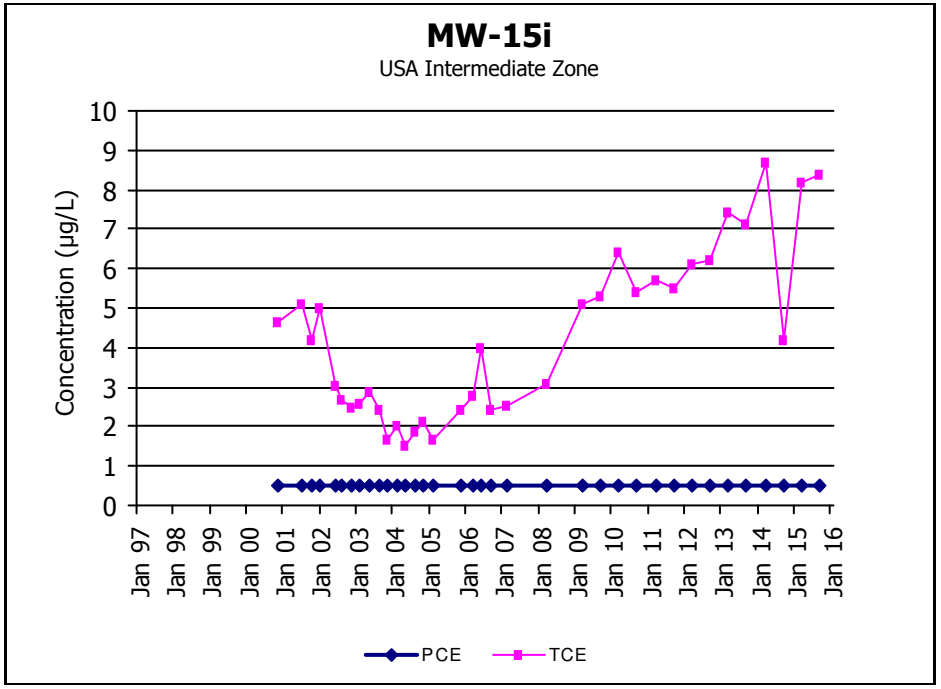

CM-MW-29USA-140.5
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

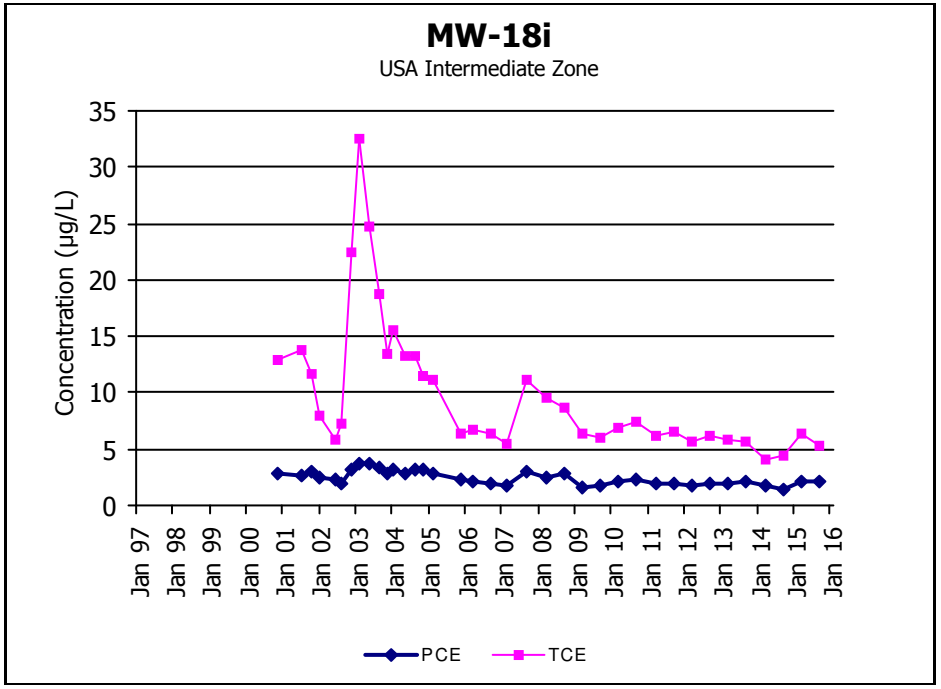

CM-MW-Ui
USA Intermediate Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
18
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

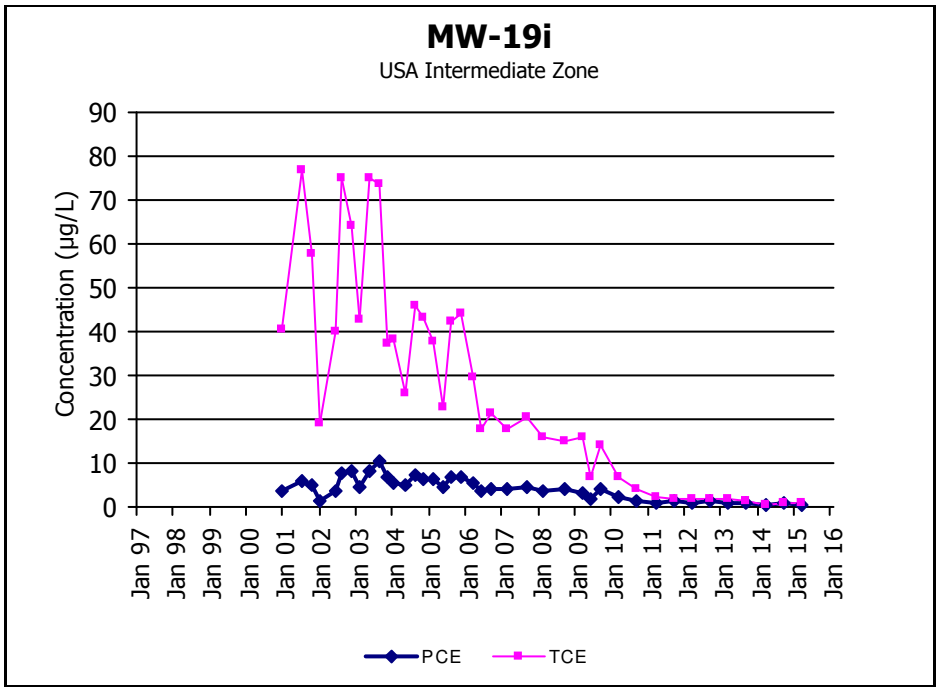

MW-04i
USA Intermediate Zone
Concentration (µg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

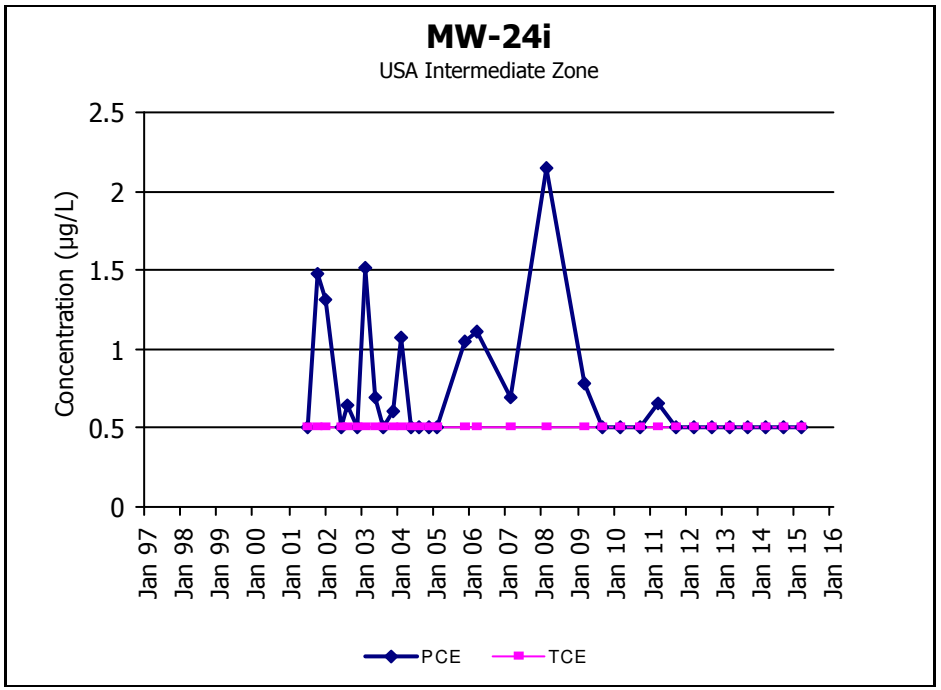

MW-05i
USA Intermediate Zone
Concentration (µg/L)
0
10
20
30
40
50
60
70
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

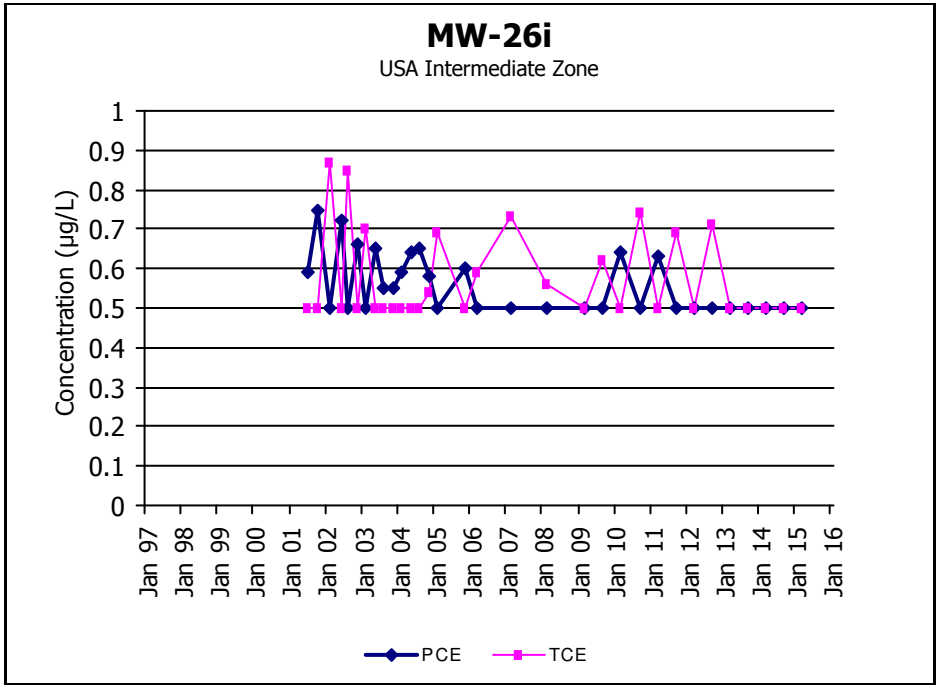

MW-07i
USA Intermediate Zone
Concentration (µg/L)
0
100
200
300
400
500
600
700
800
900
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

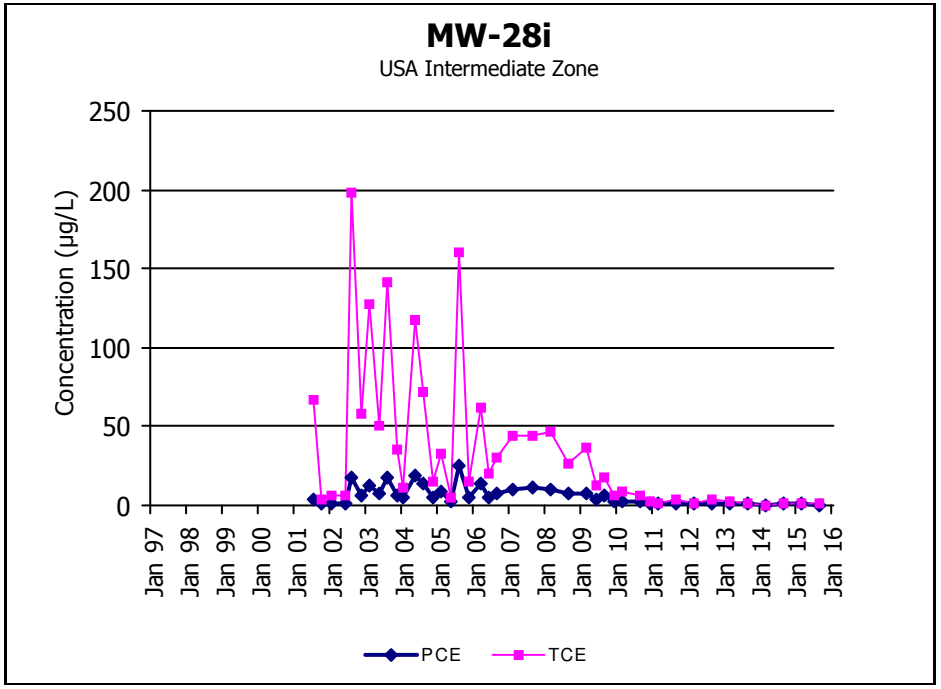

MW-15i
USA Intermediate Zone
Concentration (µg/L)
0
1
2
3
4
5
6
7
8
9
10
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

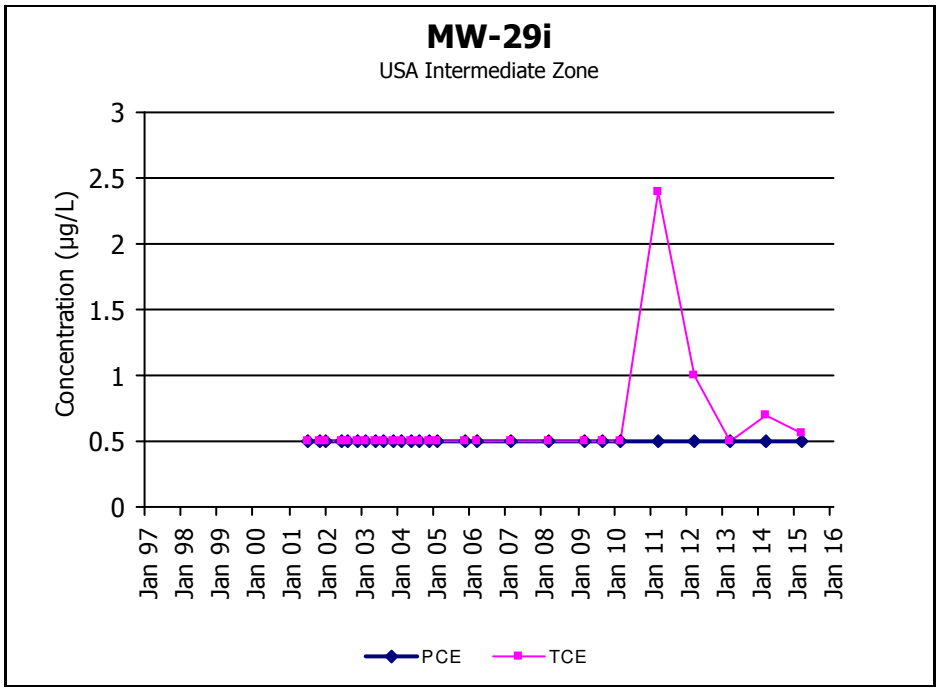

MW-18i
USA Intermediate Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

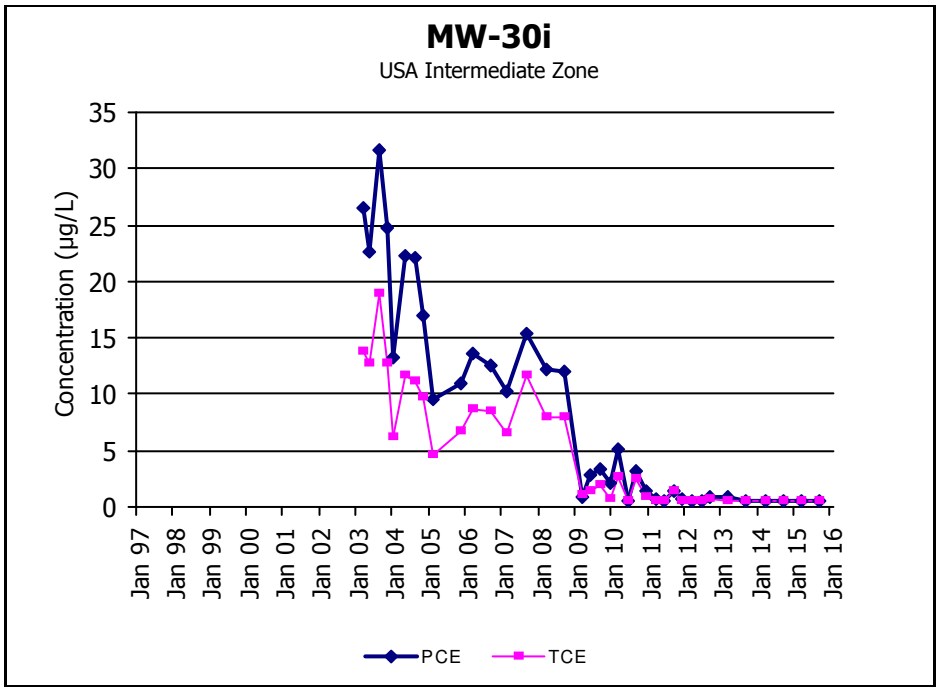

MW-19i
USA Intermediate Zone
Concentration (µg/L)
0
10
20
30
40
50
60
70
80
90
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

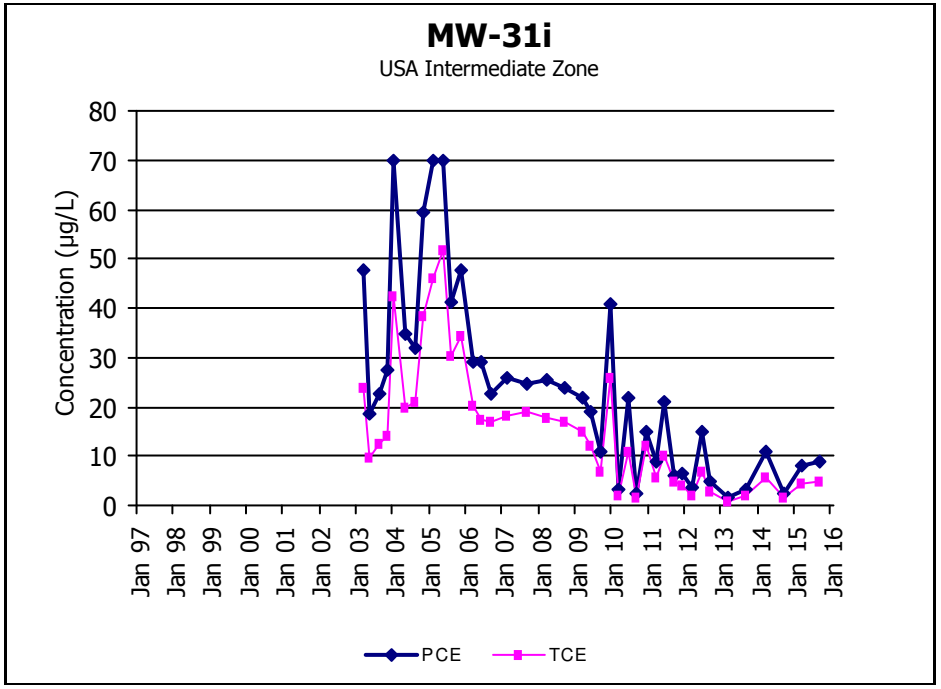

MW-24i
USA Intermediate Zone
Concentration (µg/L)
0
0.5
1
1.5
2
2.5
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

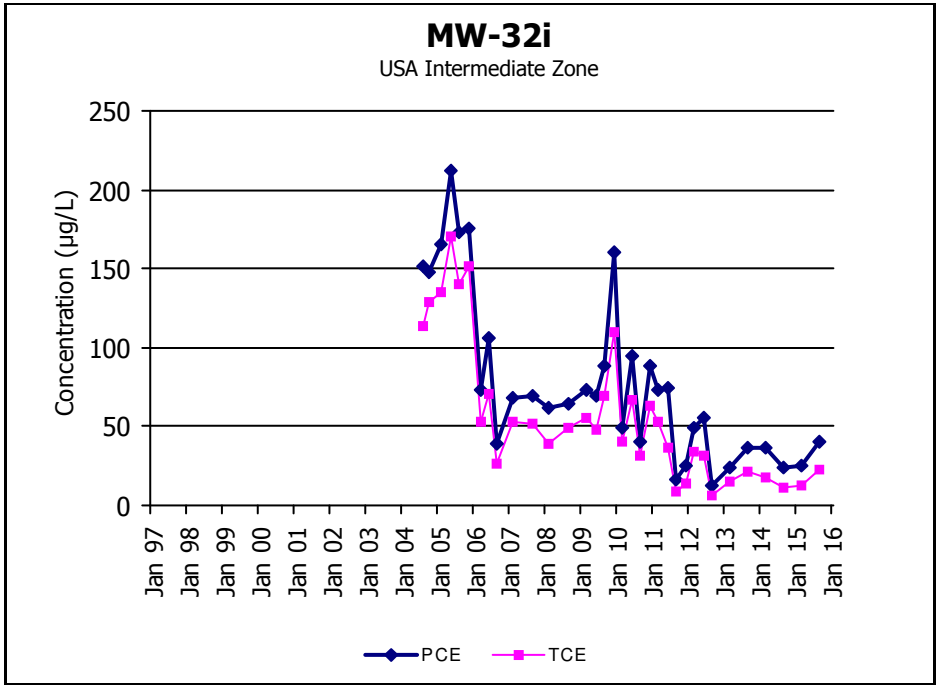

MW-26i
USA Intermediate Zone
Concentration (µg/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

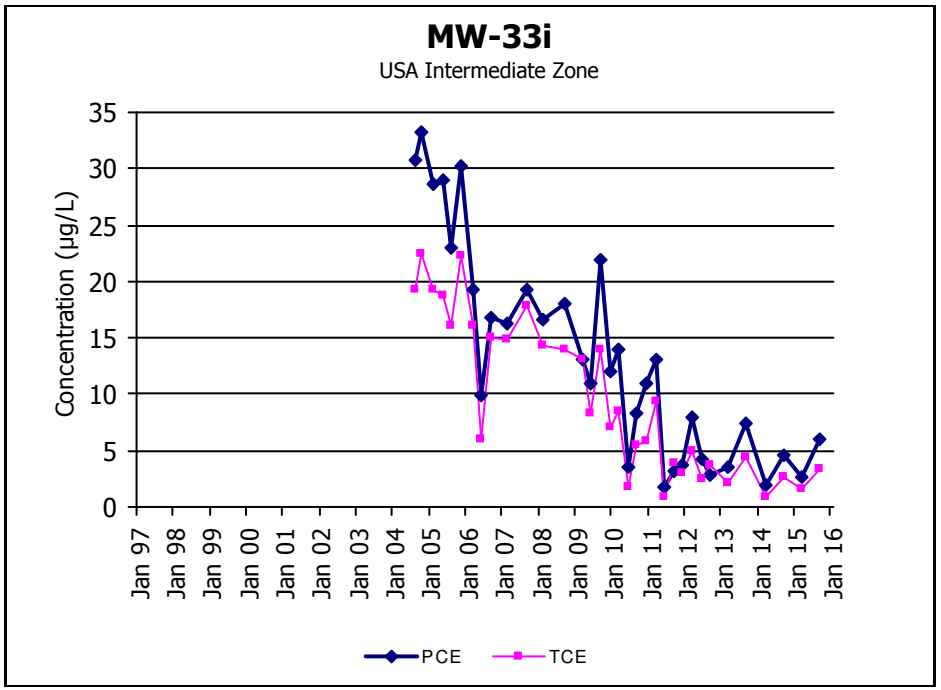

MW-28i
USA Intermediate Zone
Concentration (µg/L)
250
200
150
100
50
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

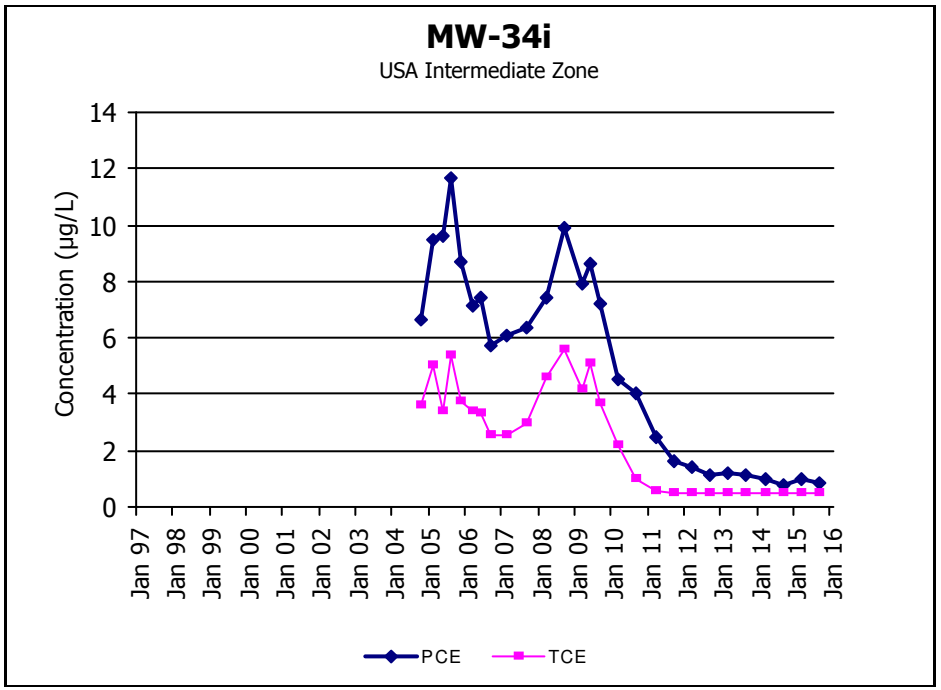

MW-29i
USA Intermediate Zone
Concentration (µg/L)
3
2.5
2
1.5
1
0.5
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

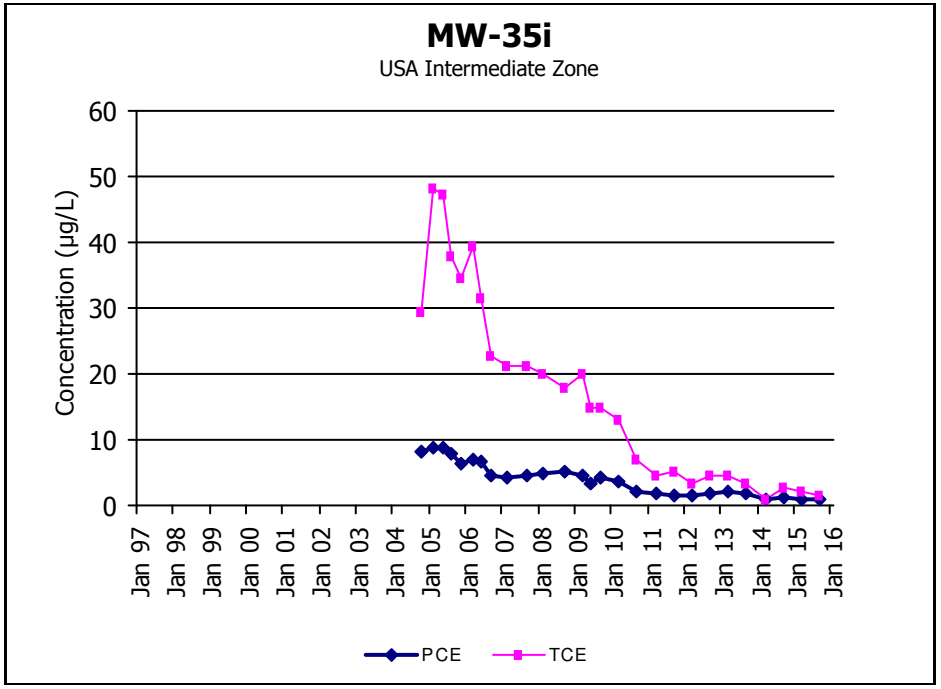

MW-30i
USA Intermediate Zone
Concentration (µg/L)
35
30
25
20
15
10
5
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

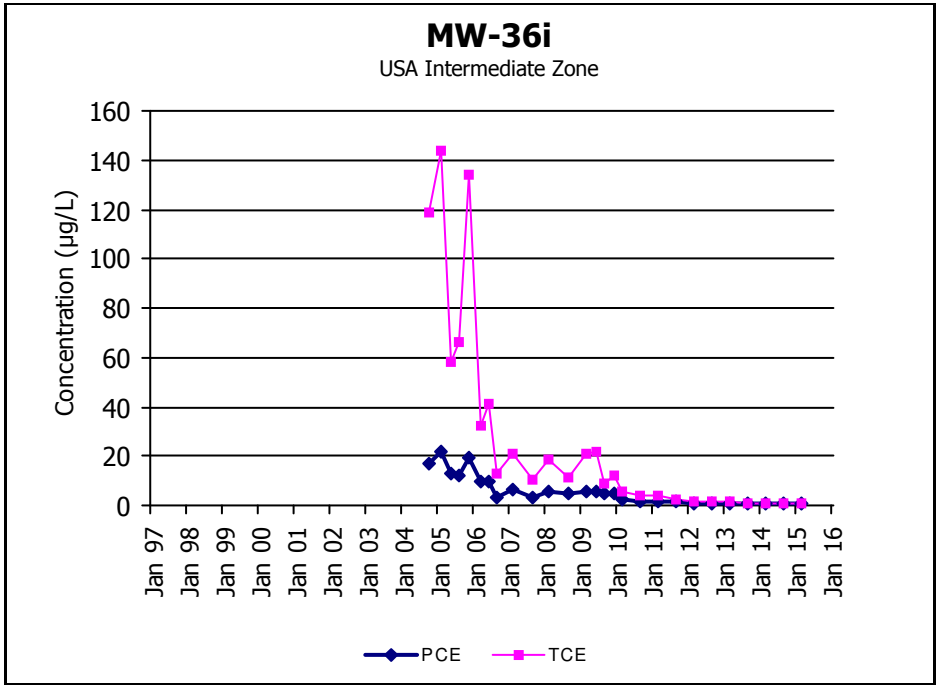

MW-31i
USA Intermediate Zone
Concentration (µg/L)
80
70
60
50
40
30
20
10
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

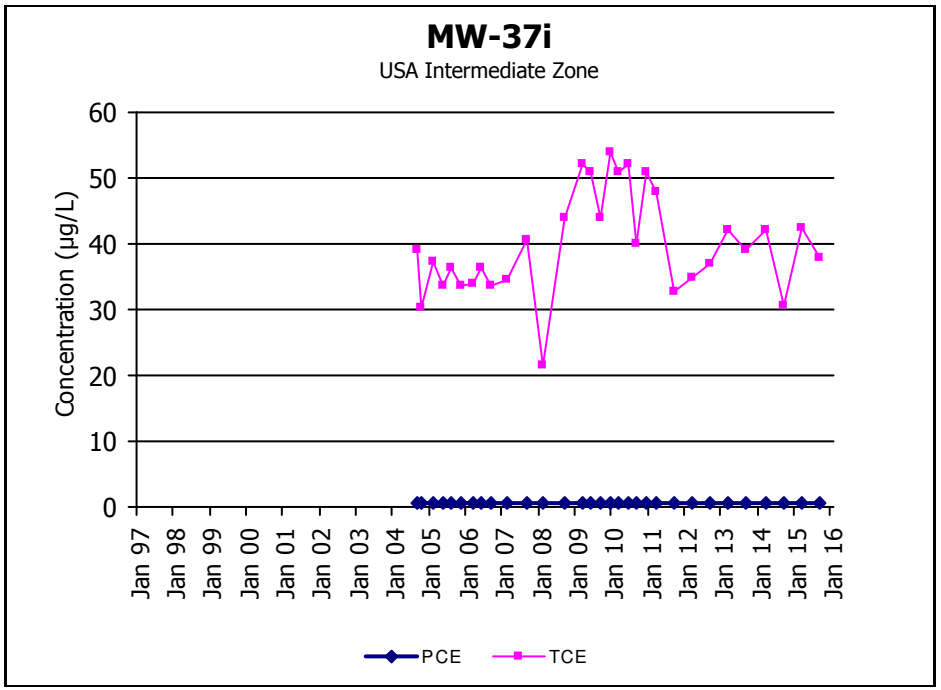

MW-32i
USA Intermediate Zone
Concentration (µg/L)
250
200
150
100
50
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

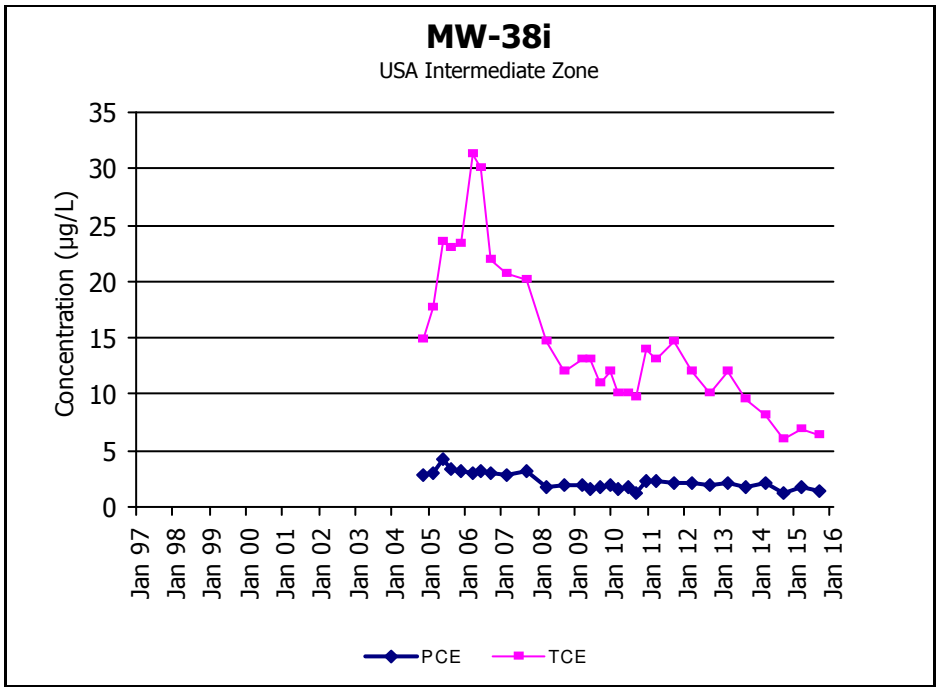

MW-33i
USA Intermediate Zone
Concentration (µg/L)
35
30
25
20
15
10
5
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

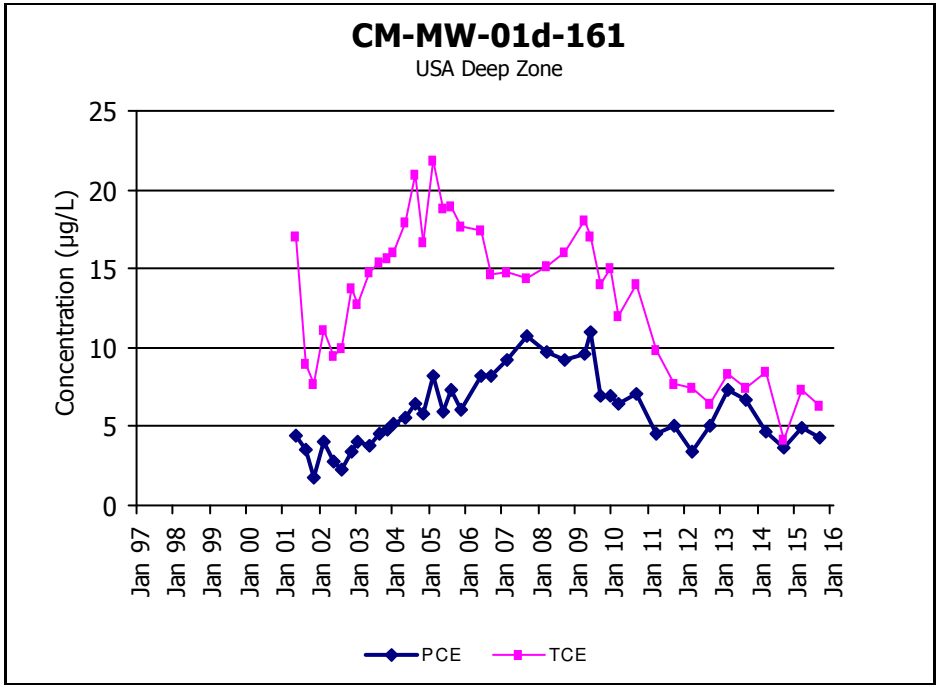

MW-34i
USA Intermediate Zone
Concentration (µg/L)
14
12
10
8
6
4
2
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

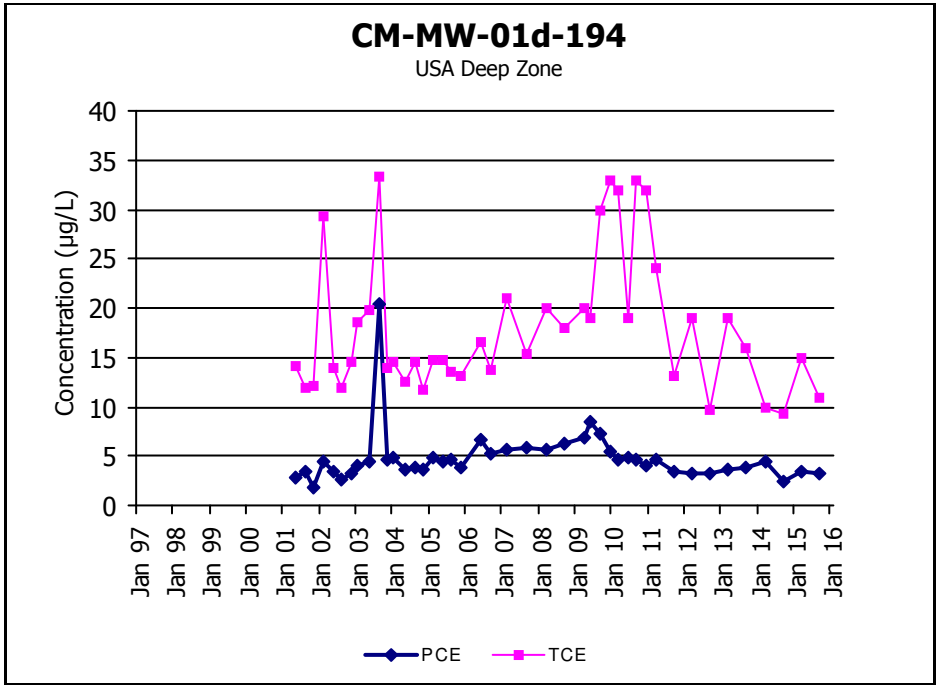

MW-35i
USA Intermediate Zone
Concentration (µg/L)
0
10
20
30
40
50
60
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

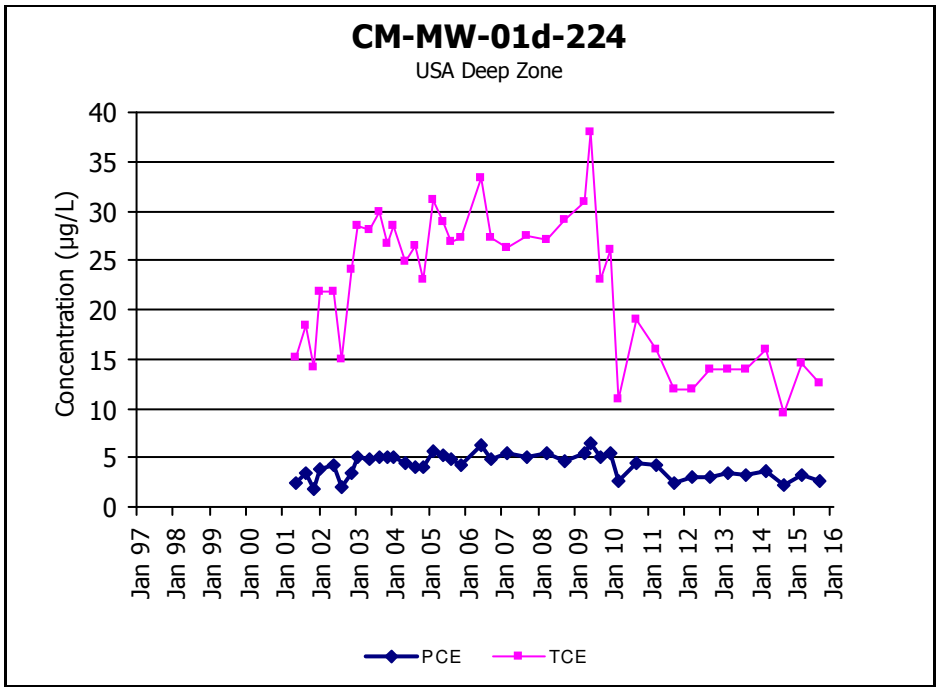

MW-36i
USA Intermediate Zone
Concentration (µg/L)
0
20
40
60
80
100
120
140
160
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

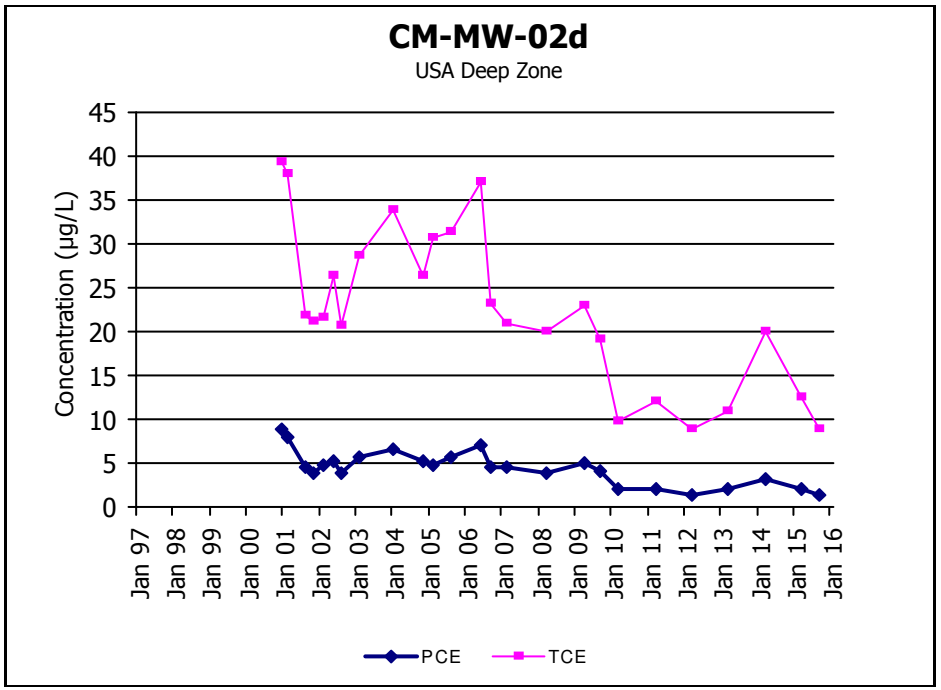

MW-37i
USA Intermediate Zone
Concentration (µg/L)
0
10
20
30
40
50
60
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

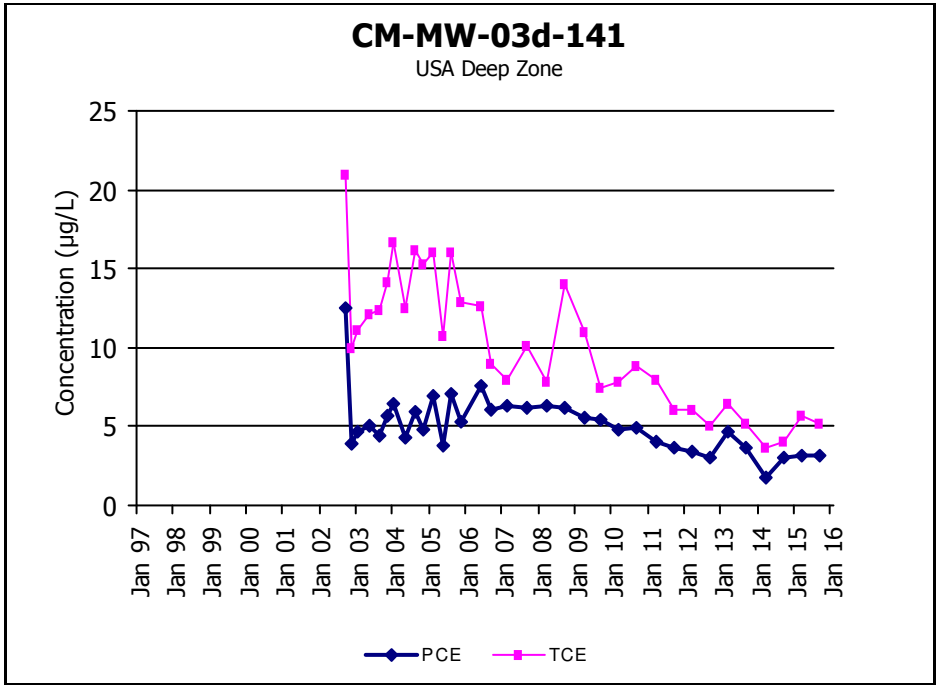

MW-38i
USA Intermediate Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

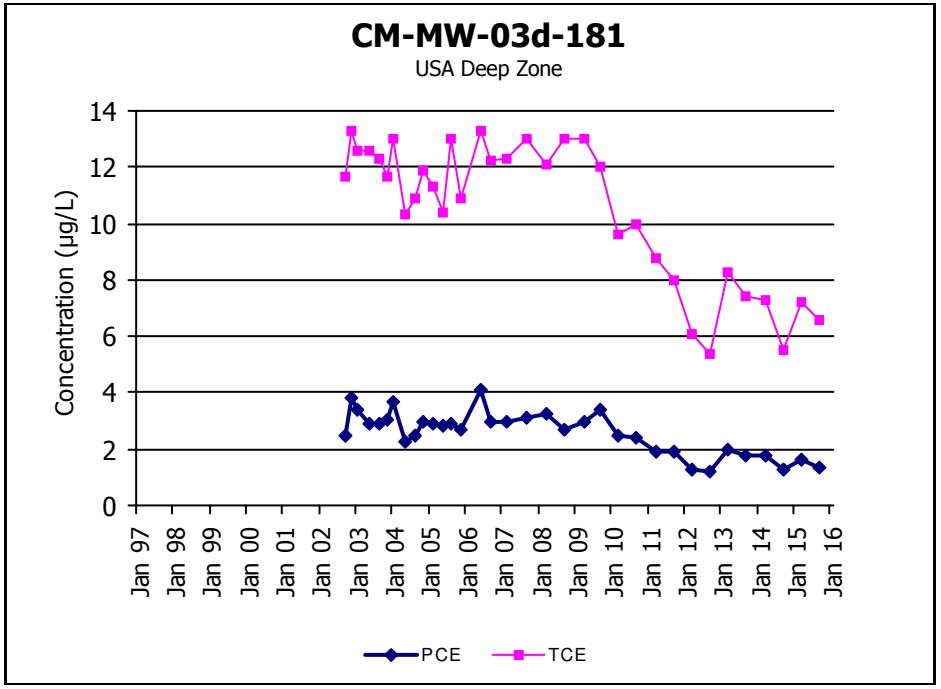

CM-MW-01d-161
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

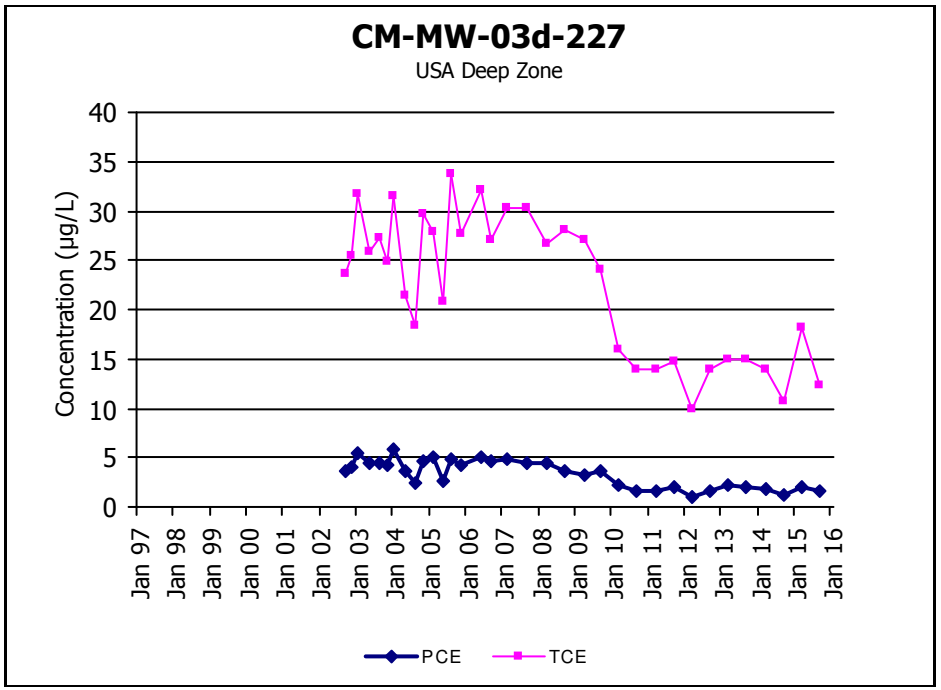

CM-MW-01d-194
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

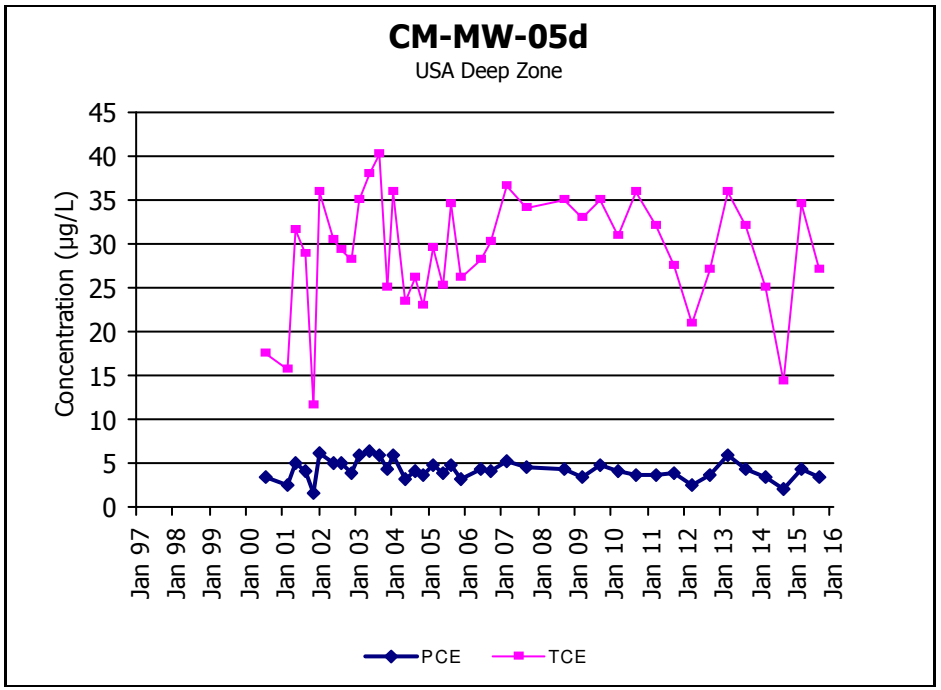

CM-MW-01d-224
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

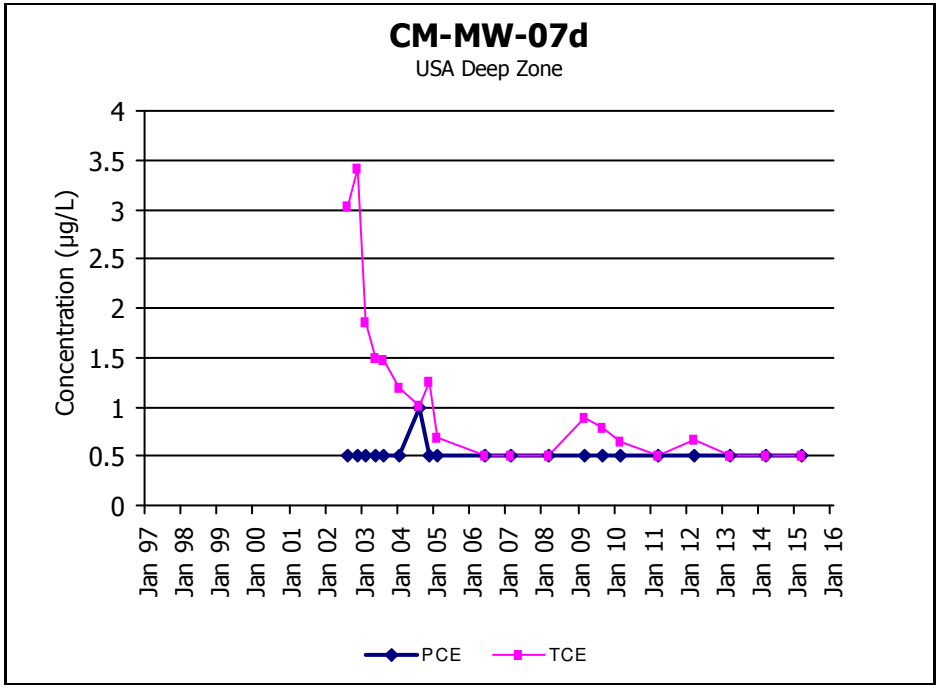

CM-MW-02d
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
45
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

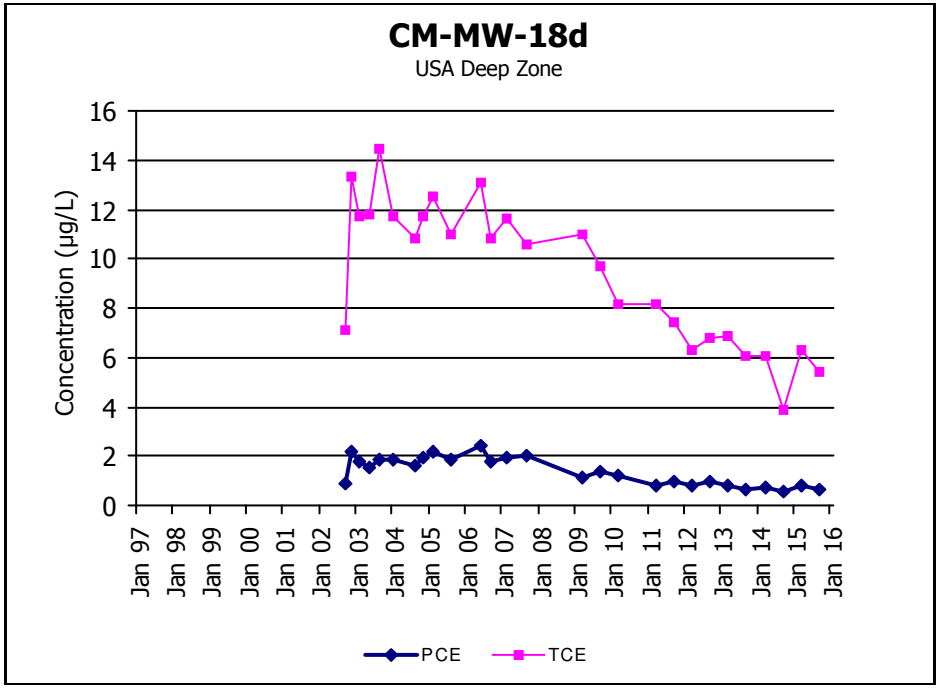

CM-MW-03d-141
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

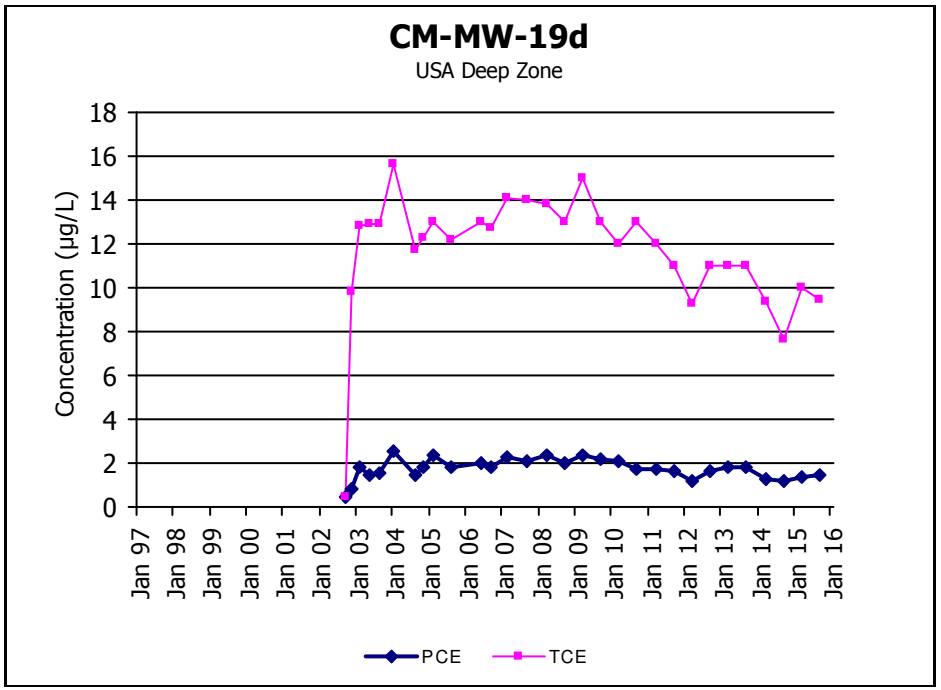

CM-MW-03d-181
USA Deep Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

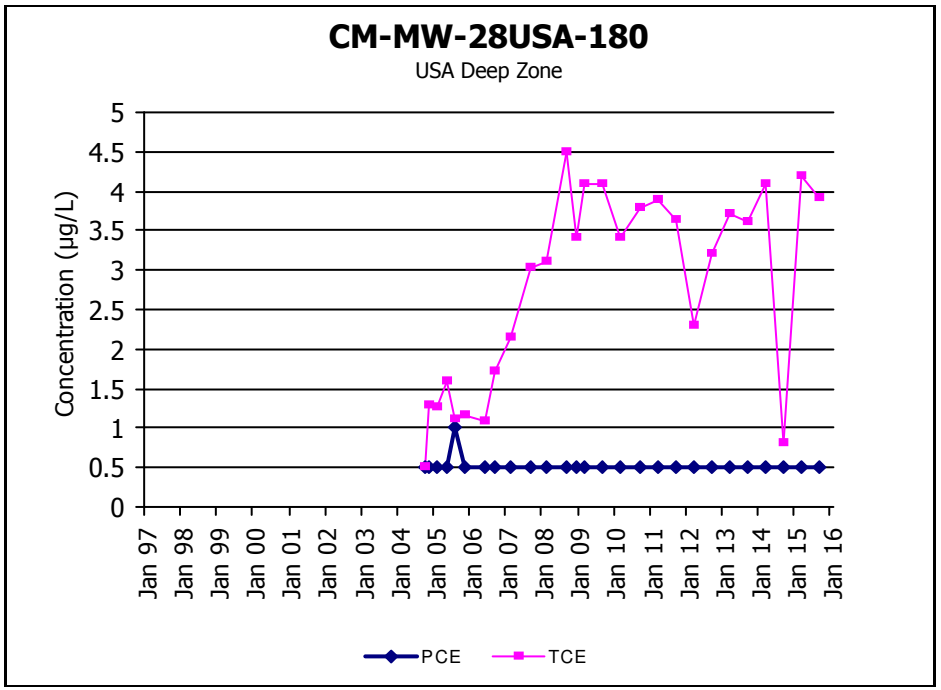

CM-MW-03d-227
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

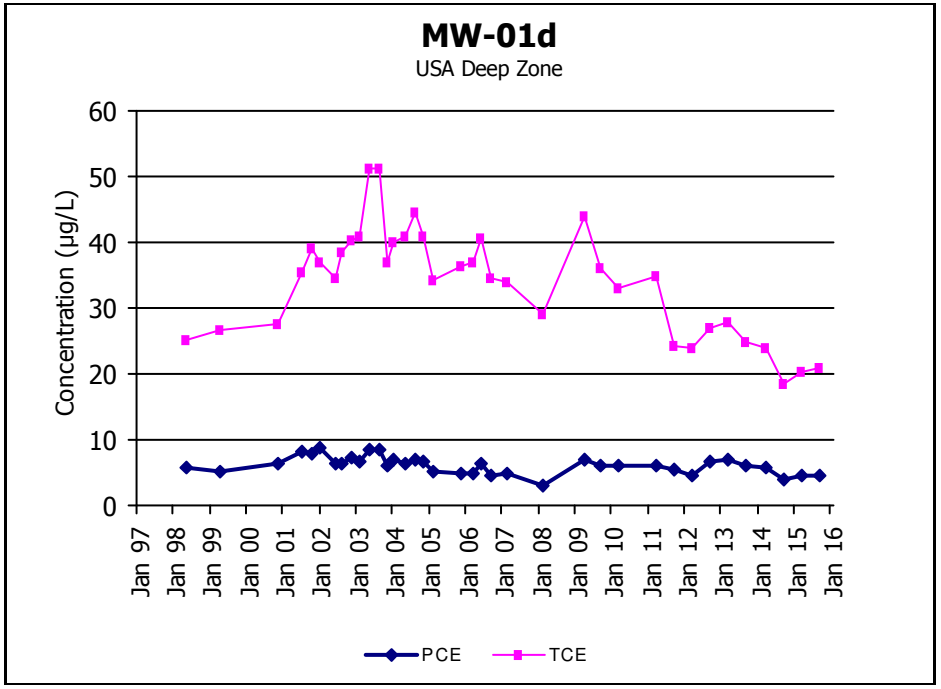

CM-MW-05d
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
45
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

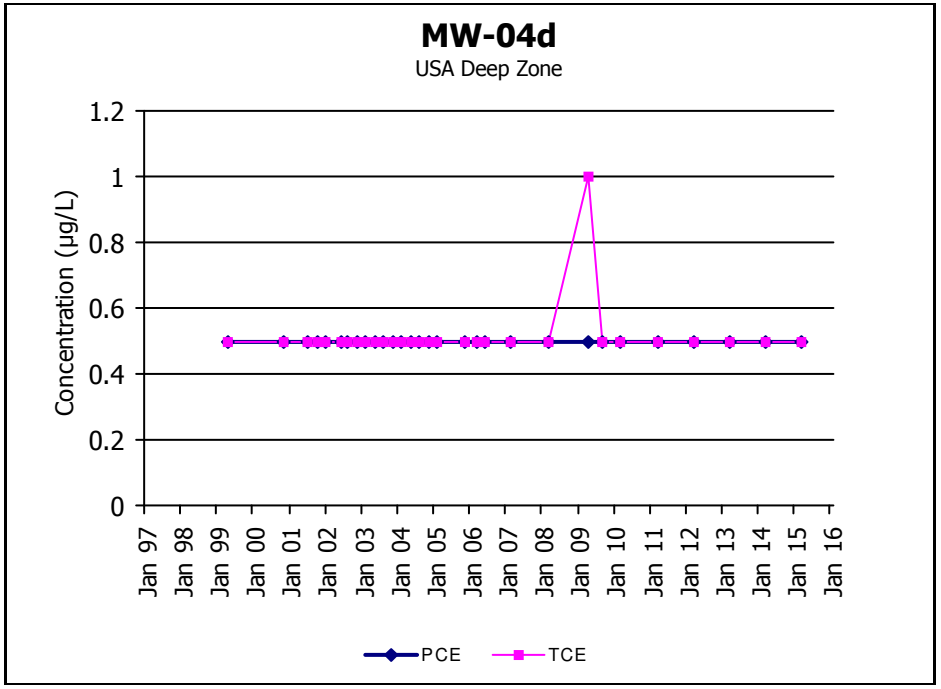

CM-MW-07d
USA Deep Zone
Concentration (µg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

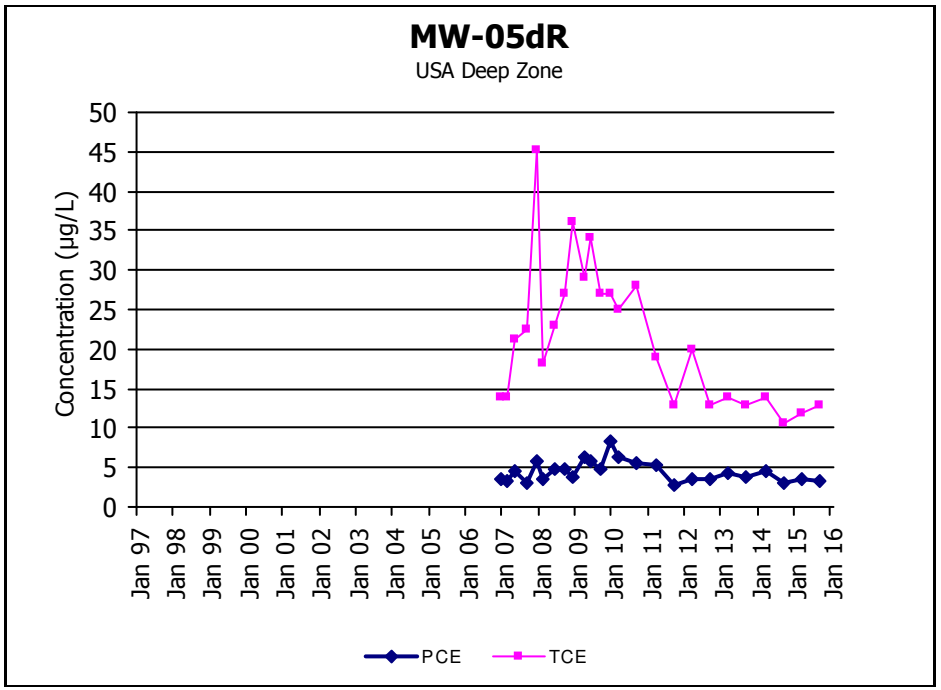

CM-MW-18d
USA Deep Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

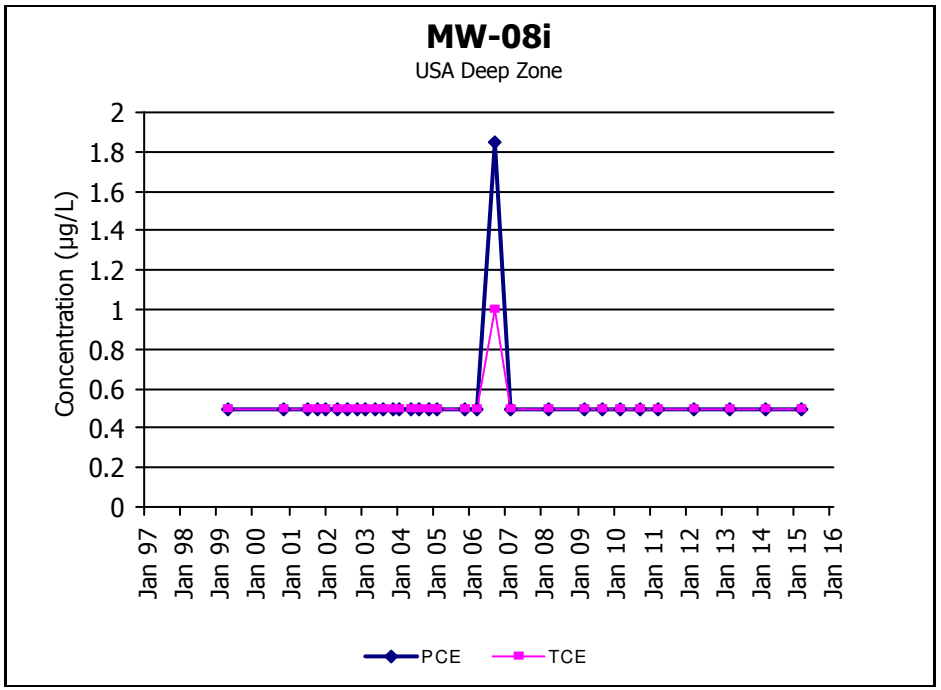

CM-MW-19d
USA Deep Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
18
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE


CM-MW-28USA-180
USA Deep Zone
Concentration (µg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE


MW-01d
USA Deep Zone
Concentration (µg/L)
0
10
20
30
40
50
60
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE


MW-04d
USA Deep Zone
Concentration (µg/L)
0
0.2
0.4
0.6
0.8
1
1.2
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE


MW-05dR
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
45
50
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE


MW-08i
USA Deep Zone
Concentration (µg/L)
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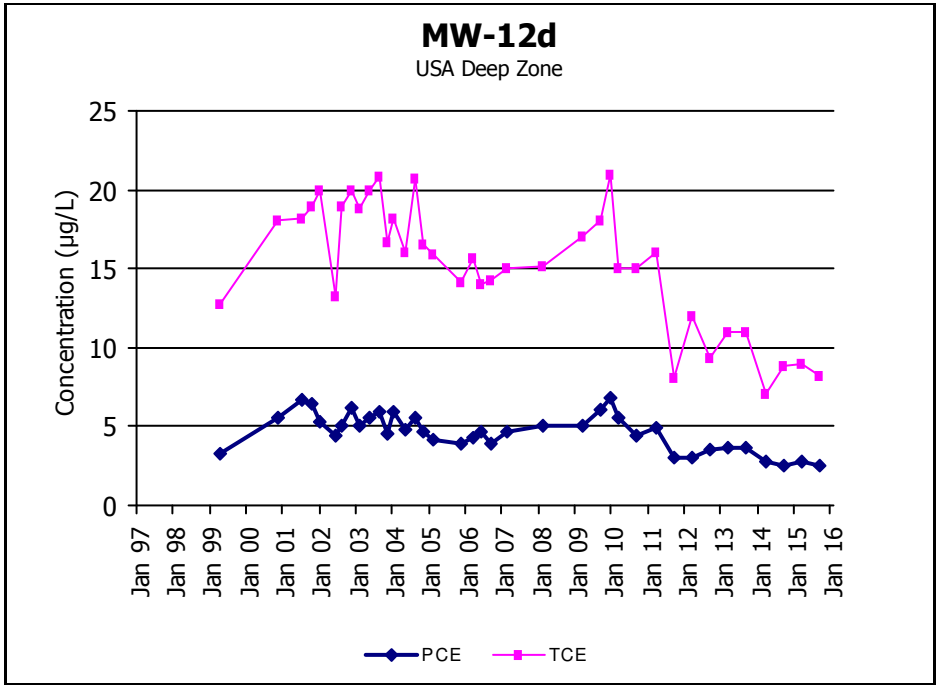
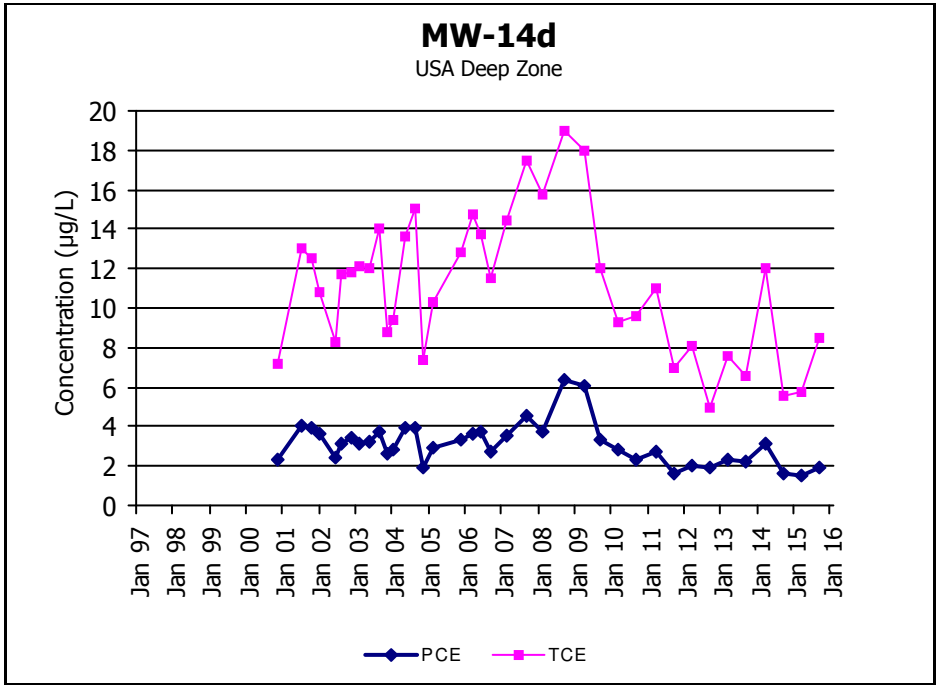
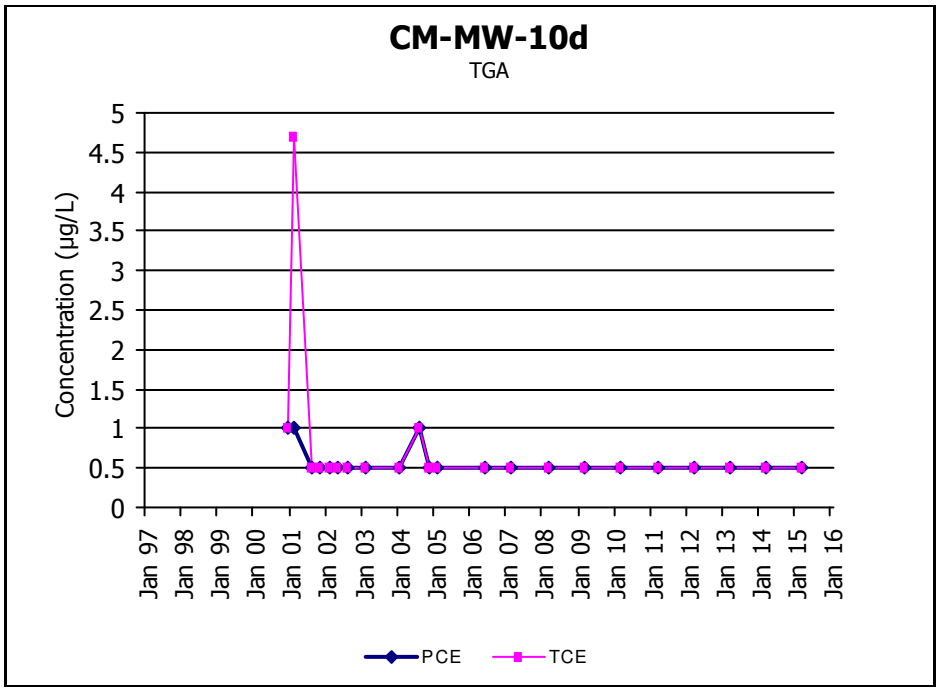
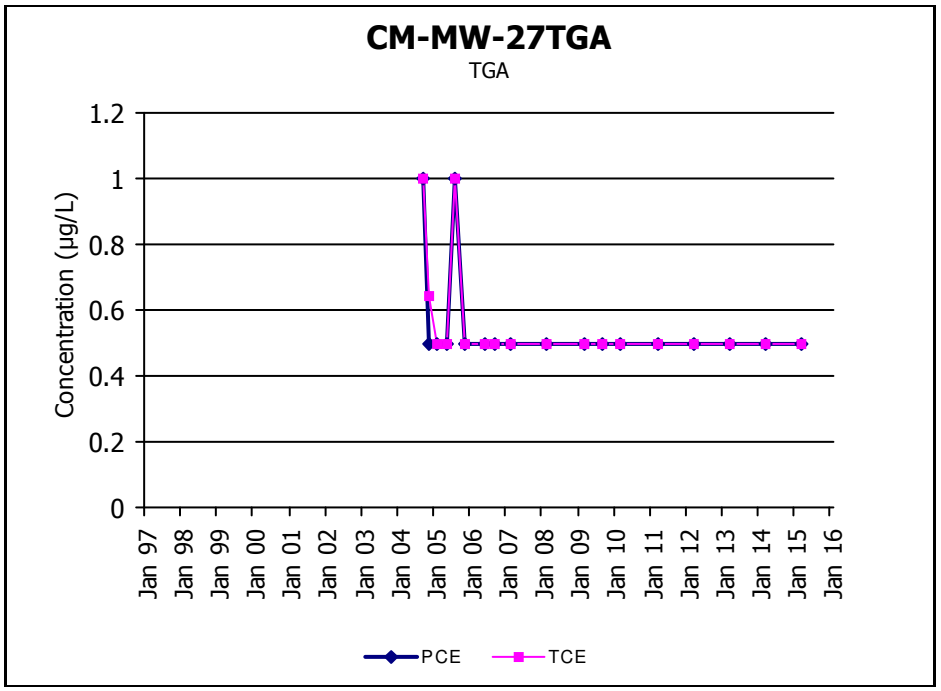
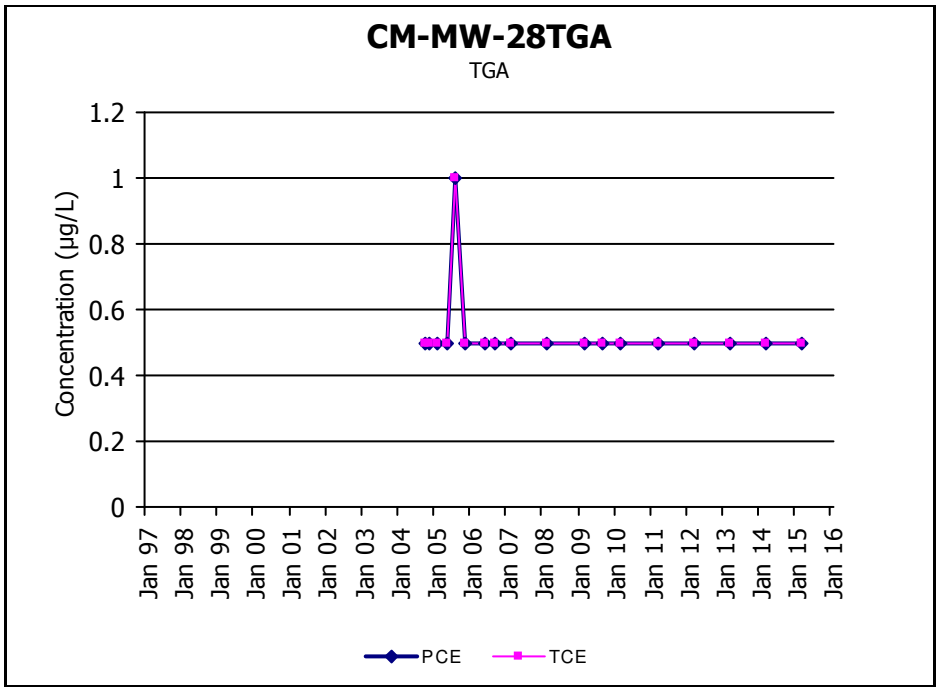
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

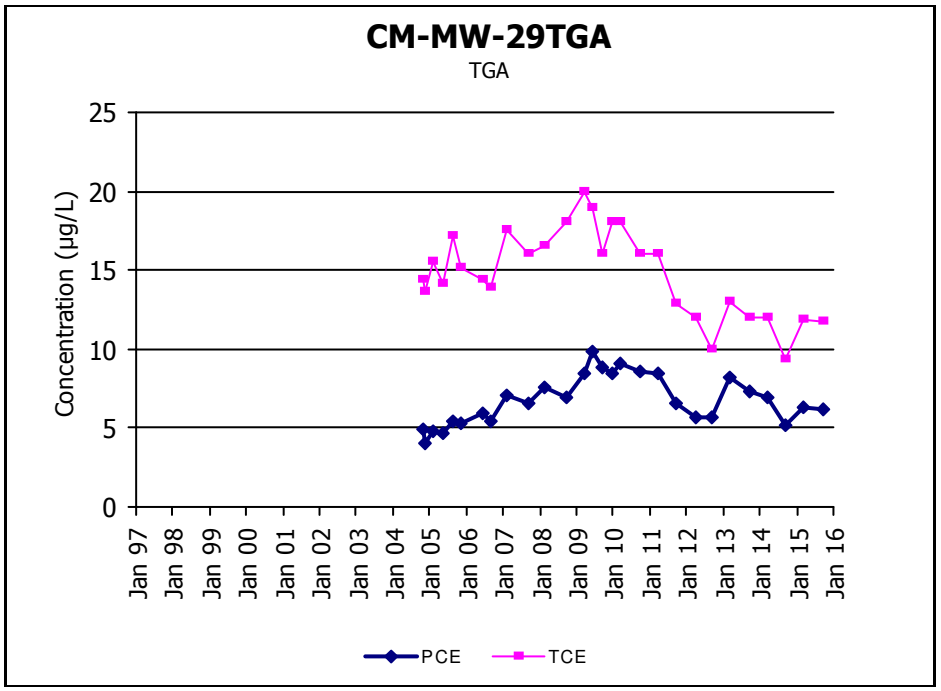

MW-12d
USA Deep Zone
Concentration (µg/L)
0
5
10
15
20
25
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

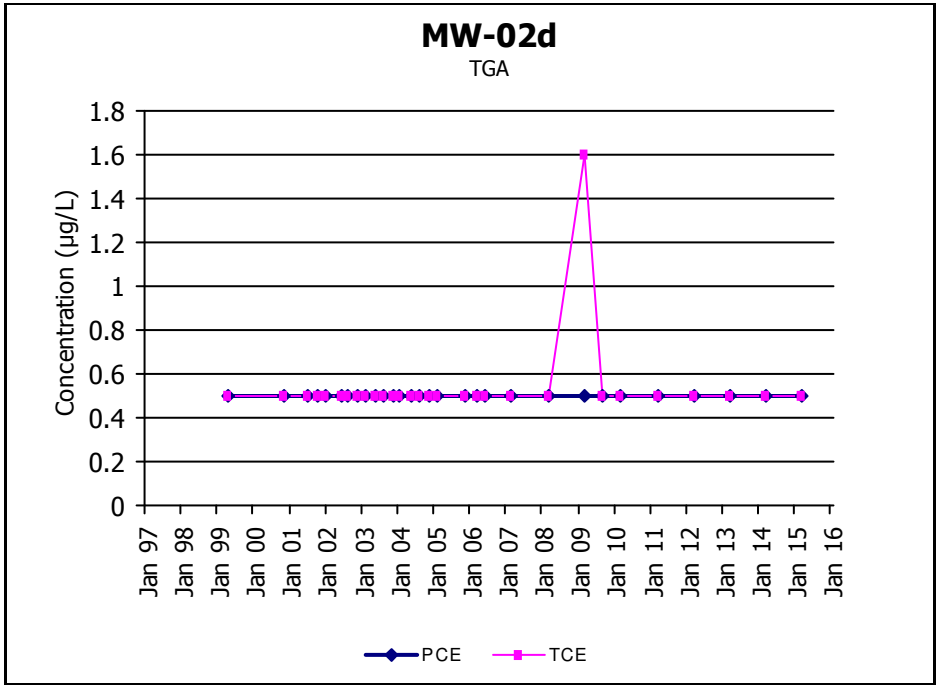

MW-14d
USA Deep Zone
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
18
20
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

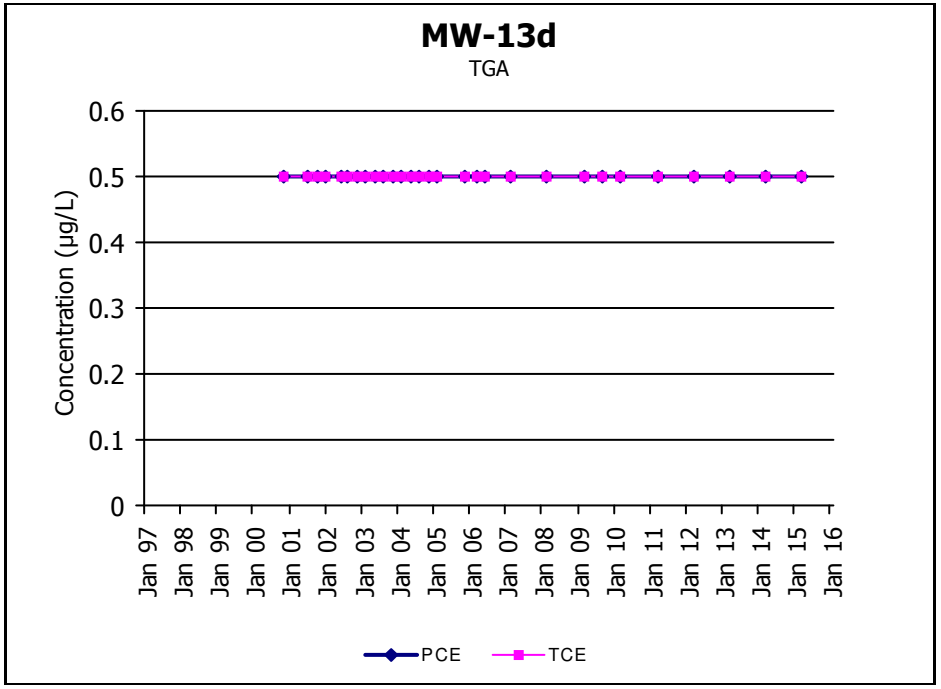

CM-MW-10d
TGA
Concentration (µg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

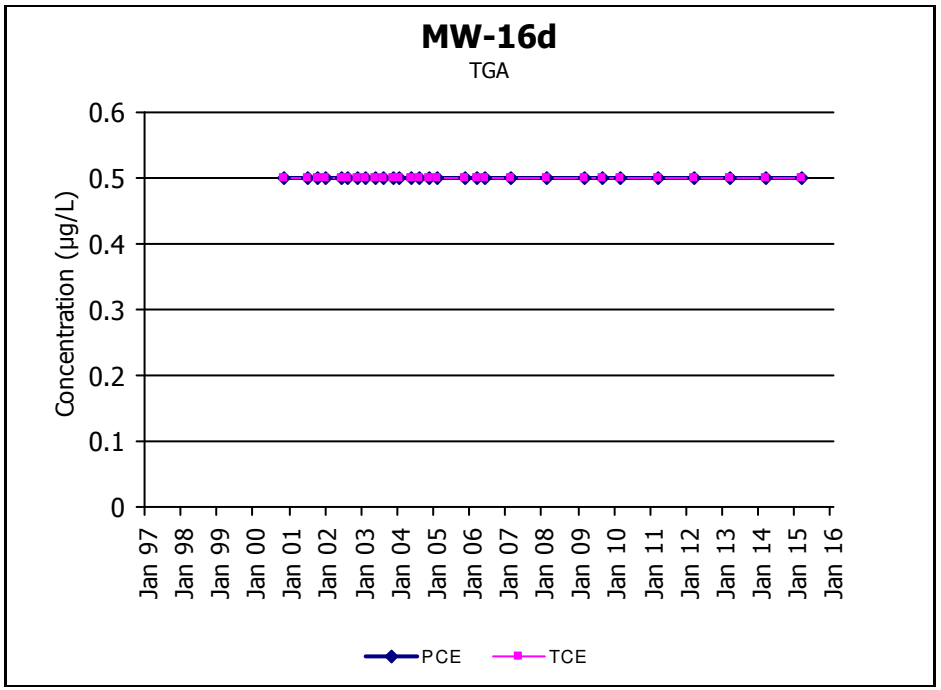

CM-MW-27TGA
TGA
Concentration (µg/L)
0
0.2
0.4
0.6
0.8
1
1.2
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

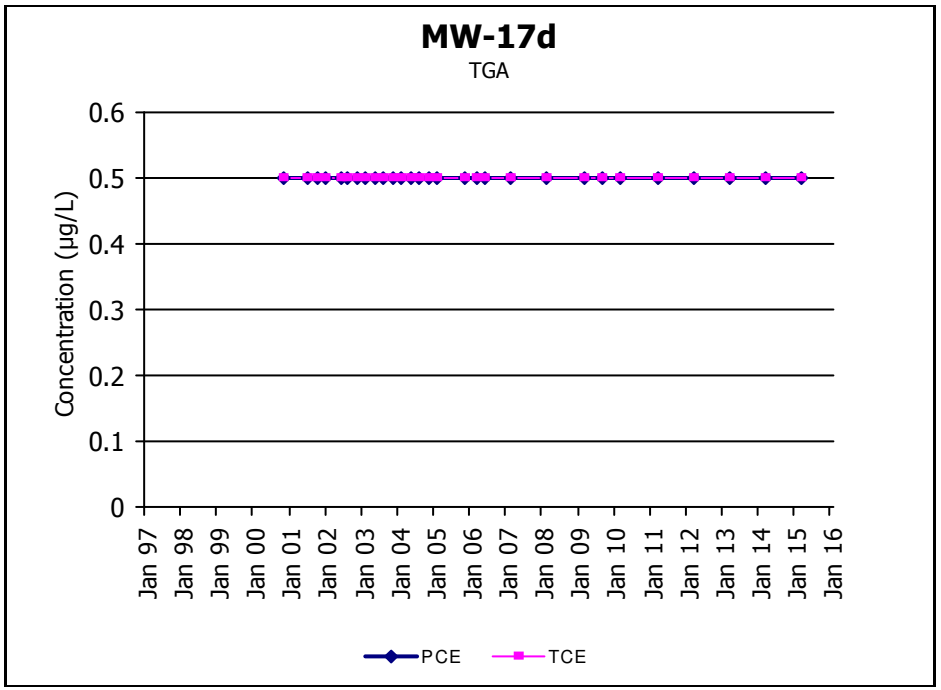

CM-MW-28TGA
TGA
Concentration (µg/L)
0
0.2
0.4
0.6
0.8
1
1.2
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE


CM-MW-29TGA
TGA
Concentration (µg/L)
0
5
10
15
20
25
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE


MW-02d
TGA
Concentration (µg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE


MW-13d
TGA
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE


MW-16d
TGA
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE


MW-17d
TGA
Concentration (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan 97
Jan 98
Jan 99
Jan 00
Jan 01
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
PCE
TCE

Appendix F

Field Sampling Data Sheets

Parametrix, Inc.

Well/Sample #: CM-MW-03s

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/6/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	16.71	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	25.0	Date Purged	3/6/15
Water Column (feet)	N/A	Purge Time (from/to)	1503 - 1519
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/6/15 / 1520
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1507	1.24	16.69	7.45	14.33	86	7.03	-2.0	N/A
1510	2.28	16.69	7.00	14.31	87	6.97	7.2	clear
1513	3.34	16.70	6.80	14.28	87	6.96	7.1	clear
1516	4.3	16.70	6.78	14.27	87	6.90	6.1	clear
1519	5.3	16.70	6.76	14.25	87	6.92	4.1	clear
1520	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 600 PSI

Remarks: on 5 s/ OFF 15 s/ Pressure - 15 PSI

Flow Rate - 0.355 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-03d-100

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/6/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	T. Saul

Casing Diameter: 2" 4" (Other) multiport

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	100.0	Date Purged	3/6/15
Water Column (feet)	N/A	Purge Time (from/to)	1258 - 1314
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/6/15 / 1315
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1302	1.18	—	6.85	12.48	258	1.76	-50.4	N/A
1305	2.12	—	6.41	12.87	254	1.49	-46.4	clear
1308	3.0	—	6.24	12.76	252	1.36	-46.1	clear
1311	3.86	—	6.21	12.69	251	1.30	-47.6	clear
1314	4.70	—	6.23	12.71	249	1.26	-49.6	clear
1315	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 1200 PSI

Remarks: on 10 s / OFF 10 s / Pressure - 35 PSI

Flow Rate - 0.32 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-03d-141

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/6/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Scott

Casing Diameter: 2" 4" Other Multiport

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	141.0	Date Purged	3/6/15
Water Column (feet)	N/A	Purge Time (from/to)	1323 - 1342
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/6/15 / 1343
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1327	0.8	—	6.85	12.95	384	5.08	-38.2	N/A
1330	1.7	—	6.44	12.80	443	0.71	-62.4	clear
1333	2.6	—	6.38	12.78	444	0.49	-65.5	clear
1336	3.48	—	6.38	12.73	445	0.39	-67.7	clear
1339	4.26	—	6.39	12.80	445	0.32	-69.9	clear
1342	5.06	—	6.41	12.69	445	0.29	-71.9	clear
1343								

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 1200 PSI

Remarks: on 10 sl off 10 sl Pressure - 40PSI

Flow Rate: 0.3 l/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-03d-181

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/6/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Sani

Casing Diameter: 2" 4" (Other) MULTIPORT

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	181.0	Date Purged	3/6/15
Water Column (feet)	N/A	Purge Time (from/to)	1347 - 1409
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/6/15 / 1410
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1351	0.76	—	7.18	12.79	399	5.51	-39.9	N/A
1354	1.6	—	7.03	12.64	392	1.50	-58.1	clear
1357	2.5	—	6.88	12.58	391	0.67	-67.3	clear
1400	3.30	—	6.87	12.58	391	0.52	-68.8	clear
1403	4.16	—	6.86	12.65	391	0.39	-71.8	clear
1406	5.0	—	6.90	12.59	391	0.36	-73.5	clear
1409	5.9	—	6.89	12.61	391	0.33	-74.4	clear
1410	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 1100 psi.

Remarks: on 10 sl OFF 10 sl Pressure - 50

Flow rate - 0.3 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-03d-227

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/6/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: 2" 4" (Other) MultiPort

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	227.0	Date Purged	3/6/15
Water Column (feet)	N/A	Purge Time (from/to)	1414 - 1436
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/6/15 / 1437

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1418	1.02	—	7.31	12.74	399	5.76	-30.4	N/A
1421	1.9	—	7.09	12.65	419	1.42	-40.3	clear
1424	2.78	—	6.93	12.63	454	0.73	-49.5	clear
1427	3.66	—	6.94	12.65	464	0.56	-53.5	clear
1430	4.4	—	6.96	12.65	468	0.47	-55.7	clear
1433	5.3	—	6.98	12.61	471	0.41	-56.6	clear
1436	6.2	—	7.02	12.63	473	0.37	-57.2	clear
1437	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 850 PSI

Remarks: On 11 SI OFF 9 SI pressure - 70 PSI

Flow Rate - 0.31 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-17

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/6/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	16.80	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	95.0	Date Purged	3/6/15
Water Column (feet)	N/A	Purge Time (from/to)	0919 0940
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/6/15 / 0941

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0923	0.8	16.80	6.29	12.50	175	2.50	-8.2	N/A
0926	1.56	16.80	5.99	12.28	169	2.95	-8.0	clear
0929	2.42	16.80	5.82	12.21	167	2.49	-9.5	clear
0931	3.0	16.81	5.74	12.19	167	2.39	-9.6	clear
0933	3.8	16.82	5.67	12.18	167	2.23	-10.0	clear
0937	4.7	16.82	5.63	12.17	166	2.19	-11.6	clear
0940	5.5	16.82	5.59	12.16	166	2.15	-12.6	clear
0941	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 1550 PSI

Remarks: ON 13 s/ OFF 7 s/ Pressure - 50 PSI
Flow rate - 0.38 l/min

Signature

Parametrix, Inc.

Well/Sample #: CMW VE - 09

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/6/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Saw

Casing Diameter: (2") 4" Other

Depth to Water (feet)	17.01	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30.0	Date Purged	3/6/15
Water Column (feet)	N/A	Purge Time (from/to)	1143 - 1201
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/6/15 / 1202

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1147	0.8	17.01	6.88	14.79	147	5.62	-13.4	N/A
1150	1.52	17.01	6.77	14.71	149	5.26	-13.8	Clear
1153	2.42	17.01	6.70	14.68	150	4.93	-14.3	Clear
1156	3.2	17.02	6.64	14.64	151	4.69	-14.6	Clear
1159	4.1	17.02	6.62	14.63	151	4.59	-14.8	clear
1201	4.7	17.03	6.60	14.62	151	4.54	-14.8	Clear
1202	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure = 1250 psi

Remarks: on 3.8 s/ OFF 60 s/ Pressure = 20 psi

Flow Rate = 0.28 L/min

Signature

45.40 -

Parametrix, Inc.

Well/Sample #: CM-VE-10

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/6/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	17.01	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30.0	Date Purged	3/6/15
Water Column (feet)	N/A	Purge Time (from/to)	1110 - 1129
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/6/15 / 1130

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1114	0.52	17.01	6.71	14.70	185	2.99	-28.1	N/A
1117	1.38	17.01	6.61	14.60	187	3.33	-25.3	clear
1120	2.2	17.01	6.56	14.55	187	3.28	-24.8	Clear
1123	3.04	17.01	6.53	14.52	187	3.18	-24.2	clear
1126	3.86	17.01	6.49	14.49	187	3.15	-23.9	clear
1129	4.7	17.02	6.49	14.47	187	3.17	-23.6	clear
1130	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 1350 psi

Remarks: on 3.8 s/ off 6.4 s/ Pressure - Flow Rate - 0.275 l/min

Signature

14.87

Parametrix, Inc.

Well/Sample #: CM-VE-11

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/6/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	LiSaul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	16.82	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30.0	Date Purged	3/6/15
Water Column (feet)	N/A	Purge Time (from/to)	0954 - 1011
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/6/15 / 1012

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0958	1.4	16.83	6.44	14.39	173	2.26	-29.0	N/A
1001	2.14	16.84	6.44	14.37	177	2.72	-25.0	clear
1004	3.48	16.84	6.49	14.39	177	4.06	-14.4	clear
1007	3.74	16.84	6.45	14.37	176	4.12	-13.1	Clear
1011	4.18	16.84	6.44	14.36	176	4.08	-13.3	clear
1012	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 1450 PSI

Remarks: on 3.0 s/ OFF 6.4 s/ pressure ~20 PSI

Flow rate ~0.28 l/min

Signature

MW-1 11 MW-1

Parametrix, Inc.

Well/Sample #: CM-MW-12

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/6/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J. Scull

Casing Diameter: (2") 4" Other

Depth to Water (feet)	16.89	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30.0	Date Purged	3/6/15
Water Column (feet)	N/A	Purge Time (from/to)	1030 - 1452
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/6/15 / 1453

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1034	0.9	16.90	6.54	14.53	200	2.31	-30.0	N/A
1037	1.9	16.90	6.51	14.44	201	1.30	-41.4	clear
1040	2.74	16.91	6.57	14.41	201	1.13	-45.5	clear
1443	3.5	16.91	6.57	14.40	199	1.93	-35.0	clear
1446	4.32	16.92	6.50	14.38	198	2.14	-31.0	clear
1449	5.1	16.92	6.48	14.37	198	2.26	-30.0	clear
1452	5.92	16.93	6.47	14.36	197	2.32	-29.4	clear
1453	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure. ~1400 PSI

Remarks: on 3.8 s/ off 6.2 s/ Pressure: ~ 20 PSI

Flow rate ~ 0.28 l/min

Signature

MW1 3.6/6.4/0.28

Parametrix, Inc.

Well/Sample #: CM-MW-01S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/7/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saw

Casing Diameter: (2") 4" Other

Depth to Water (feet)	16.69	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	25.0	Date Purged	3/7/15
Water Column (feet)	N/A	Purge Time (from/to)	1139 – 1156
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/7/15 / 1157

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1144	1.36	16.71	6.86	14.03	141	4.11	31.0	N/A
1147	2.16	16.72	6.27	14.01	141	4.02	27.2	clear
1150	2.98	16.73	6.15	14.05	141	3.97	21.1	clear
1153	3.8	16.73	6.16	14.01	142	3.94	11.2	Clear
1156	4.7	16.73	6.17	14.01	142	3.91	6.9	clear
1157	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity / Remarks: Tank Pressure - 500 PSI
on 5 sl off 15 sl pressure
Flow rate - 0.3 L/min

Signature

1

Parametrix, Inc.

Well/Sample #: CM-MW-01

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/7/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	16.69	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	91.0	Date Purged	3/7/15
Water Column (feet)	N/A	Purge Time (from/to)	1210 - 1225
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/7/15 / 1226
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1213	0.8	16.70	6.43	13.05	203	0.59	-74.1	N/A
1218	1.68	16.71	6.63	12.92	176	0.34	-39.1	clear
1219	2.5	16.72	6.50	12.85	164	0.24	-35.2	clear
1222	3.36	16.72	6.48	12.74	162	0.22	-38.1	clear
1225	4.4	16.72	6.51	12.60	162	0.22	-40.4	clear
1226	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 500 psi

Remarks: on s/ OFF s/ Pressure - Flow Rate - 0.3 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-01d-040

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/7/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	ISaul

Casing Diameter: 2" 4" Other multiport

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	40.0	Date Purged	3/7/15
Water Column (feet)	N/A	Purge Time (from/to)	1311 - 1326
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/7/15 | 1327

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1314	0.87	—	7.05	13.24	142	3.10	6.9	N/A
1317	1.6	—	6.32	12.93	139	0.94	-6.9	clear
1320	2.5	—	6.22	12.76	139	0.84	-15.2	clear
1323	3.4	—	6.21	12.77	141	0.74	-18.9	clear
1326	4.4	—	6.20	12.71	141	0.81	-24.2	clear
1327	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 250 PSI

Remarks: on 1095 OFF 1140 Pressure - 22 PSI

Flow rate ~ 0.3 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-Old-121

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/7/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	L. Saul

Casing Diameter: 2" 4" (Other) multi-part

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	121.0	Date Purged	3/7/15
Water Column (feet)	N/A	Purge Time (from/to)	1334 - 1353
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/7/15 1354

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1338	0.9	—	6.66	12.85	335	4.15	-20.0	N/A
1341	1.7	—	6.31	12.75	334	0.67	-39.8	clear
1344	2.6	—	6.23	12.69	333	0.43	-74.2	clear
1347	3.54	—	6.27	12.65	332	0.37	-70.5	clear
1350	4.4	—	6.30	12.57	330	0.31	-61.1	clear
1353	5.3	—	6.29	12.60	328	0.28	-60.1	clear
1354	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 200 psi

Remarks: on 10 s / OFF 10 s / Pressure flow rate - 0.3 l/min - 0.32 l/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-Old-161

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/7/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: 2" 4" (Other) Multiport

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	161.0	Date Purged	3/7/15
Water Column (feet)	N/A	Purge Time (from/to)	1400 - 1419
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/7/15 / 1420

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1404	1.0	—	6.90	12.51	427	2.73	-35.4	N/A
1407	~~1.4~~ 1.9	—	6.74	12.40	408	0.72	-40.9	clear
1410	~~2.0~~ 3.0	—	6.74	12.38	410	0.37	-48.3	clear
1413	~~4.3~~ 3.8	—	6.75	12.24	411	0.30	-50.4	clear
1416	4.7	—	6.75	12.32	411	0.26	-51.1	clear
1419	5.6	—	6.75	12.26	412	0.29	-51.6	clear
1420	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 100 psi < Compressor (Finished w/)
Remarks: on 10 s/ OFF 10 s/ Pressure - 50 psi
Flow Rate - 0.32 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-Ø18-194

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/7/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	L. Saul

Casing Diameter: 2" 4" (Other) multiport

Depth to Water (feet)	~	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	194.0	Date Purged	3/7/15
Water Column (feet)	N/A	Purge Time (from/to)	1429 1445
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/7/15 / 1446

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1433	1.4	—	7.28	12.48	446	1.67	-34.4	N/A
1436	2.4	—	7.09	12.45	448	0.48	-48.8	clear
1439	3.48	—	7.04	12.38	448	0.35	-54.0	clear
1442	4.4	—	7.03	12.37	448	0.24	-59.6	clear
1445	5.44	—	7.03	12.40	448	0.24	-61.6	clear
1446	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on 9s / OFF 11 s / 70 ~~52~~ 61 ~~55~~ PSI

Flow rate ~ 0.37 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-Old-224

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/7/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Saul

Casing Diameter: 2" 4" (Other) multi port

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	224.0	Date Purged	3/7/15
Water Column (feet)	N/A	Purge Time (from/to)	1453 - 1512
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/7/15/1513

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1457	1.2	—	7.28	12.25	412	1.40	-40.3	N/A
1500	2.16	—	7.12	12.19	425	0.51	-46.9	clear
1503	3.2	—	7.09	12.18	426	0.37	-50.1	clear
1506	4.16	—	7.09	12.20	428	0.27	-52.9	clear
1509	5.2	—	7.09	12.15	429	0.24	-54.1	clear
1512	6.16	—	7.09	12.13	429	0.21	-55.1	clear
1513	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor.

Remarks: On 9s / OFF 11s / Pressure - 85 psi

Flow Rate - 0.35 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-22S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/7/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	L Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	16.80	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	40.5	Date Purged	3/7/15
Water Column (feet)	N/A	Purge Time (from/to)	1241 - 1257
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/7/15 / 1258

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1245	0.8	16.81	6.76	13.52	120	3.05	-0.9	N/A
1248	1.9	16.83	6.33	13.50	120	2.82	+2.1	cloudy
1251	2.8	16.83	6.23	13.53	120	2.78	0.2	clear
1254	3.74	16.83	6.19	13.50	120	2.73	-3.8	clear
1257	4.62	16.84	6.21	13.55	120	2.70	-6.2	clear
1258	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 400 psi

Remarks: on 9 s/ OFF 11 s/ Pressure 20 psi

Flow Rate - 0.345 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM - DPW - 01

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/7/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: 2" ____ 4" ____ Other 1"

Depth to Water (feet)	16.57	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	28.0	Date Purged	3/7/15
Water Column (feet)	N/A	Purge Time (from/to)	1053 1110
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/7/15 1111

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1058	1.1	—	6.73	14.56	134	3.75	-20.8	N/A
1101	1.9	—	6.52	14.52	135	3.54	-17.2	clear
1104	2.8	—	6.40	14.51	133	3.47	-14.1	Clear
1107	3.7	—	6.35	1444	133	3.44	-12.1	Clear
1110	4.6	—	6.32	1446	133	3.51	-10.3	clear
1111	Sample							

Purge Equipment: ~~Dedicated Bladder~~ peristaltic pump — Sampling Equipment: ~~Dedicated Bladder~~ peristaltic pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Flow Rate - 0.31 l/min

MS/MSD & CM-FD-030715

Signature

Parametrix, Inc.

Well/Sample #: CM-DPW-06

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/7/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	L. Saul

Casing Diameter: 2" ____ 4" ____ Other 1"

Depth to Water (feet)	16.01	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	28.0	Date Purged	3/7/15
Water Column (feet)	N/A	Purge Time (from/to)	1001 1016
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/7/15 1017

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1004	1.0	—	6.49	13.42	175	2.21	-23.6	N/A
1007	1.7	—	6.40	13.46	173	2.17	-24.3	clear
1010	2.6	—	6.31	13.47	173	2.16	-22.9	clear
1013	3.5	—	6.27	13.48	173	2.15	-22.3	clear
1016	4.4	—	6.25	13.50	172	2.14	-21.9	clear
1017	Sample							

Purge Equipment ~~Dedicated Bladder~~ peristaltic pump Sampling Equipment ~~Dedicated Bladder~~ peristaltic pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity / Remarks: Flow Rate - 0.31 l/min

Signature

Parametrix, Inc.

Well/Sample #: CM-DPW-10

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/7/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: 2" ____ 4" ____ Other 1"

Depth to Water (feet)	16.03	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	28.0	Date Purged	3/7/15
Water Column (feet)	N/A	Purge Time (from/to)	1026 - 1042
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/7/15 / 1043

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1030	1.06	—	6.56	14.26	180	2.10	-32.2	N/A
1033	~~2.0~~ 1.9	—	6.47	14.21	179	1.97	-34.8	clear
1036	2.84	—	6.44	14.23	179	1.94	-35.0	clear
1039	3.8	—	6.41	14.23	179	1.91	-35.0	clear
1042	4.8	—	6.41	14.24	178	1.96	-35.4	clear
1043	Sample							

Purge Equipment ~~Dedicated Bladder~~ peristaltic pump — Sampling Equipment ~~Dedicated Bladder~~ peristaltic pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Flow Rate - 0.305 l/min

Signature

Parametrix, Inc.

Well/Sample #: CM-DPW-16

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/7/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	

Casing Diameter: 2" 4" Other 1"

Depth to Water (feet)	15.93	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	27.5	Date Purged	3/7/15
Water Column (feet)	N/A	Purge Time (from/to)	0929 - 0948
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/7/15 / 0949
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0933	1.5	—	6.94	12.83	186	1.37	-21.3	N/A
0936	2.7	—	6.60	12.85	188	1.15	-31.0	clear
0939	3.54	—	6.50	12.84	189	1.11	-33.6	clear
0942	4.6	—	6.40	12.72	189	1.09	-36.5	clear
0945	5.7	—	6.37	12.75	189	1.08	-37.0	clear
0948	6.8	—	6.34	12.87	189	1.03	-38.4	clear
0949	Sample							

Purge Equipment: ~~Dedicated Bladder~~ peristaltic pump

Sampling Equipment: ~~Dedicated Bladder~~ peristaltic pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate ~0.37 L/min

Remarks:

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-18S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	18.12	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	29.5	Date Purged	3/9/15
Water Column (feet)	N/A	Purge Time (from/to)	1456 1512
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/9/15 1513

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1500	0.9	18.12	6.93	14.78	143	12.20	-43.4	N/A
1503	1.9	18.12	6.52	14.76	143	6.65	-38.7	clear
1506	2.9	18.12	6.36	14.90	143	5.52	-38.4	clear
1509	3.9	18.12	6.28	14.87	143	5.47	-39.9	clear
1512	4.9	18.12	6.23	14.94	144	5.43	-40.5	clear
1513	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 1600 PSI

Remarks: on 8 sec / off 12 sec / Pressure - 15 psi

Flow rate - 0.35 l/min

well inside monument has a heavy sheen & smells like gasoline.

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-18;

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	L Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	16.70	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	98.0	Date Purged	3/9/15
Water Column (feet)	N/A	Purge Time (from/to)	1417 - 1439
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/9/15 / 1440

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1421	0.6	18.41	7.73	14.38	446	0.48	-230.9	N/A
1424	1.4	18.60	7.53	14.00	367	0.21	-147.2	clear
1427	2.22	18.65	7.41	13.90	351	0.18	-103.7	clear
1430	3.1	18.66	7.32	13.76	339	0.16	-90.4	clear
1433	3.9	18.66	7.28	13.70	321	0.14	-80.2	clear
1436	4.9	18.70	7.24	13.69	329	0.11	-192.2	clear
1439	5.8	18.70	7.24	13.67	349	0.09	-193.0	clear
1440	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Tank Pressure - 1700 psi
on 10 sec / OFF 10 sec / Pressure - 30 psi
Flow rate - 0.305 L/min

water inside monument smelled w/ gasoline & had a heavy sheen.

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-18d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	L. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	18.04	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	198.5	Date Purged	3/9/15
Water Column (feet)	N/A	Purge Time (from/to)	1337 - 1356
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/9/15 / 1357

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1341	1.08	18.11	7.48	13.79	359	0.44	-50.8	N/A
1344	2.0	18.11	7.42	13.61	359	0.26	-19.7	clear
1347	3.1	18.11	7.25	13.53	357	0.19	-28.4	clear
1350	4.3	18.11	7.26	13.43	359	0.13	-29.3	clear
1353	5.6	18.11	7.29	13.47	358	0.10	-28.2	clear
1356	6.8	18.11	7.30	13.42	356	0.09	-29.9	clear
1357	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity / Remarks: Tank Pressure - 1800 psi
on 10 sec / off 10 sec / Pressure - 20 psi
Flow rate - 0.355 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-24S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.56	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	35.0	Date Purged	3/9/15
Water Column (feet)	N/A	Purge Time (from/to)	1539 / 1559
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/9/15 / 1600

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1543	0.9	—	6.67	14.57	160	5.69	-21.6	N/A
1546	1.5	—	6.35	14.81	160	5.55	-22.7	clear
1549	2.2	—	6.22	1458	160	5.54	-23.8	clear
1552	2.9	—	6.16	14.58	160	5.52	-24.8	clear
1553	3.3	—	6.16	14.44	161	5.54	-25.5	clear
1556	3.8	—	6.15	1445	161	5.49	-26.1	Clear
1559	4.8	—	6.13	14.19	162	5.60	-26.5	CLEAR
1600	Sample							

↑ Pressure ~~Flow~~

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Tank Pressure 1520
ON 9 Sec / OFF 11 Sec / Pressure - 20 psi
Flow rate - 0.3 L/min

Water level is not giving a accurate level Due to high condensation in the well.

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-24i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	18.61	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	98.5	Date Purged	3/9/15
Water Column (feet)	N/A	Purge Time (from/to)	1618 - 1637
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/9/15 / 1638

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1622	1L	18.61	7.31	14.05	424	0.55	-45.3	N/A
1625	2.0	18.61	6.54	13.76	425	0.32	-38.2	clear
1628	3.1	18.62	6.48	13.83	425	0.23	-39.6	clear
1631	4.2	18.63	6.45	13.87	429	0.17	-41.2	clear
1634	5.2	18.64	6.45	13.77	430	0.14	-42.5	clear
1637	6.2	18.64	6.45	13.77	433	0.13	-44.0	clear
1638	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Trunk Pressure - 1500 psi

Remarks: on 10sec / OFF 10sec / pressure 40 psi

Flow rate - 0.35 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-28TG A

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Saw

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.47	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	210.5	Date Purged	3/9/15
Water Column (feet)	N/A	Purge Time (from/to)	1230 1249
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/9/15 1250

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1234	1.4	26.55	7.81	13.71	153	0.46	-157.7	N/A
1237	2.46	26.56	7.88	13.62	140	0.24	-146.6	clear
1240	3.5	26.56	7.92	13.58	132	0.16	-114.5	clear
1243	4.56	26.56	7.93	13.60	129	0.12	-139.7	clear
1246	5.8	26.56	7.95	13.56	130	0.10	-138.9	clear
1249	6.8	26.56	7.96	13.53	129	0.08	-146.4	clear
1250	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compression

Remarks: ON 10 S/ OFF 10 S/ Pressure 40 psi

Flow rate - 0.32 l/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-28USA-0250

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saml

Casing Diameter: 2" ____ 4" ____ Other multiport

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	50.0	Date Purged	3/9/15
Water Column (feet)	N/A	Purge Time (from/to)	1100 - 1120
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/9/15 / 1121

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1105	0.84	—	7.35	14.19	205	2.61	-121.7	N/A
1108	1.62	—	6.93	14.11	207	1.94	-73.8	Cleave
1111	2.36	—	6.73	14.03	205	1.26	-58.1	clean
1114	3.12	—	6.64	14.08	204	1.68	-53.9	Clean
1117	3.92	—	6.61	14.02	200	1.47	-50.2	clean
1120	4.64	—	6.53	14.01	198	1.45	-47.8	clean
1121	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Tank Pressure - 2000 psi
on 7.5 s/ off-125 s/ Pressure - 75 psi
Flow rate -
Bleeding Air Bubbles (off & on)

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-28USA-120.5

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: 2" ____ 4" ____ Other multipump

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	120.5	Date Purged	3/9/15
Water Column (feet)	N/A	Purge Time (from/to)	1127 - 1146
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/9/15 / 1147

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1131	1.1	—	6.85	13.85	490	0.25	-205.0	N/A
1134	2.3	—	6.83	13.86	491	0.24	-195.0	clear
1137	3.22	—	6.56	13.82	494	0.21	-132.7	clear
1140	4.4	—	6.46	13.80	494	0.21	-78.8	clear
1143	5.36	—	6.45	13.82	494	0.20	-70.7	clear
1146	6.4	—	6.45	13.78	494	0.16	-64.9	clear
1147	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 2000 psi

Remarks: ON 10 SI OFF 10 SI Pressure - 35 psi

Flow Rate - 0.37 l/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-28USA-180

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: 2" ___ 4" ___ Other Multipoint

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	180.0	Date Purged	3/9/15
Water Column (feet)	N/A	Purge Time (from/to)	1156 1215
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/9/15 1216

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1200	1.3	—	7.02	13.87	533	0.25	-176.4	N/A
1203	2.4	—	7.00	13.77	536	0.17	-145.1	clear
1206	3.46	—	7.06	13.75	547	0.12	-143.6	clear
1209	4.5	—	7.15	13.71	551	0.10	-109.8	clear
1212	5.4	—	7.19	13.71	550	0.10	-94.3	clear
1215	6.5	—	7.22	13.71	547	0.10	-84.5	clear
1216	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor - on 10 S/ off 10 S/ Pressure - 45psi

Remarks: Flow rate: 0.37 L/min

leaky Air Fitting

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-075

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	L. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	35.40	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	44.5	Date Purged	3/10/15
Water Column (feet)	N/A	Purge Time (from/to)	1411 - 1430
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/10/15 1434

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1415	1.4	35.42	7.23	13.17	119	5.96	-20.7	N/A
1418	2.0	35.42	6.95	13.14	116	5.91	-16.5	clear
1421	3.2	35.42	6.84	13.08	115	5.96	-15.9	clear
1424	4.0	35.42	6.82	13.15	115	5.88	-23.3	clear
1427	4.9	35.42	6.82	13.14	116	6.02	-24.6	clear
1430	5.8	35.42	6.74	13.15	114	5.99	-25.2	clear
1431	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 800 psi

Remarks: on 7 sec / OFF 13 sec / pressure 20 psi

Flow rate - 0.38 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-07

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	36.0	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	109.0	Date Purged	3/10/15
Water Column (feet)	N/A	Purge Time (from/to)	1447 - 1503
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/10/15 / 1504

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1451	0.8	36.0	7.24	13.60	207	2.04	-63.6	N/A
1454	1.5	36.0	6.85	13.07	222	2.01	-35.5	clear
1457	2.4	36.0	6.71	12.98	221	2.47	-34.0	clear
1500	3.3	36.0	6.68	12.96	220	2.50	-34.7	clear
1503	4.2	36.0	6.69	12.95	219	2.51	-39.4	clear
1504	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on 10sec / OFF 10 sec / pressure - 40 psi

Flow rate 0.3 l/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-07d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	K.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	36.69	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	225.0	Date Purged	3/10/15
Water Column (feet)	N/A	Purge Time (from/to)	1521 - 1545
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/10/15 / 1546

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1524	1.0	36.78	7.56	12.74	92	0.62	-154.7	N/A
1527	2.1	36.78	7.27	12.60	91	0.32	-217.0	clear
1530	3.3	36.78	7.68	12.51	104	0.25	-268.4	clear
1533	4.4	36.78	7.81	12.57	110	0.23	-208.7	clear
1536	5.5	36.78	7.82	12.56	111	0.21	-185.2	clear
1539	6.6	36.789	7.83	12.55	110	0.21	-177.3	clear
1542	7.7	36.79	7.84	12.56	110	0.19	-172.4	clear
1545	8.8	36.79	7.84	12.59	111	0.18	-169.5	clear
1546 Sample								

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: On 10 sec / OFF 10 sec / Pressure - 50 psi

Flow Rate - 0.38 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-10s

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	44.63	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	59.0	Date Purged	3/10/15
Water Column (feet)	N/A	Purge Time (from/to)	1229 - 1248
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/10/15/1249

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1233	1.3	44.64	7.25	14.18	89	7.42	-30.5	N/A
1236	2.2	44.64	7.05	14.16	89	7.29	-34.6	clear
1239	3.1	44.64	6.89	14.09	89	7.20	-32.8	clear
1242	4.3	44.64	6.83	14.10	89	7.46	-32.7	clear
1245	5.2	44.64	6.80	14.10	890	7.44	-33.2	clear
1248	6.1	44.64	6.76	14.08	91	7.40	-33.1	clear
1249	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 1250 psi

Remarks: on 8 sec / OFF 12 sec / Pressure - 30 psi

Flow Rate - 0.34 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-10d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	L.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	44.73	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	230.0	Date Purged	3/10/15
Water Column (feet)	N/A	Purge Time (from/to)	1305 - 1334
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/10/15 / 1335

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1310	1.2	44.85	6.99	13.82	101	1.01	-76.5	N/A
1313	2.1	44.85	6.83	13.72	101	0.51	-77.2	clear
1316	3.1	44.85	6.85	13.64	105	0.31	-96.9	clear
1319	4.1	44.85	6.86	13.60	108	0.26	-119.1	clear
1322	5.1	44.85	6.97	13.54	105	0.21	-131.4	clear
1325	6.1	44.85	7.15	13.53	103	0.18	-134.3	clear
1328	7.1	44.85	7.31	13.51	101	0.16	-133.8	clear
1331	8.1	44.85	7.40	13.61	101	0.10	-128.3	clear
1334	9.1	44.85	7.48	13.61	100	0.16	-128.3	clear
1335	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure- 1150 psi

Remarks: on 10 sec / OFF 10 sec / Pressure- 50 psi

Flow Rate- 0.355 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-29TGA

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	39.75	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	160.0	Date Purged	3/10/15
Water Column (feet)	N/A	Purge Time (from/to)	0944 - 1001
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/10/15 / 1002

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0949	1.08	39.75	8.64	13.13	252	0.50	-85.1	N/A
0952	2.0	39.75	8.27	13.03	288	0.46	-81.4	clear
0955	3.0	39.75	8.09	12.99	291	0.47	-81.5	clear
0958	3.94	39.75	7.99	12.97	292	0.46	-82.0	clear
1001	4.82	39.75	7.88	13.00	293	0.44	-80.8	clear
1002	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity / Remarks: Compressor on 10 sec / OFF 10 sec / Pressure - 35 psi
Flow rate 0.33 L/min

MS/MSD/ - CM-FD-031015 @ 0000

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-29USA-060.5

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: 2" ____ 4" ____ Other Multi Port

Depth to Water (feet)		Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	60.5	Date Purged	3/10/15
Water Column (feet)	N/A	Purge Time (from/to)	1021 - 1047
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/10/15 / 1048
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1025	0.8	—	7.83	13.59	118	4.29	-68.0	N/A
1028	1.82	—	7.43	13.53	121	6.54	-53.5	clear
1031	2.5	—	7.19	13.50	121	7.82	-41.7	clear
1035	3.6	—	7.00	13.35	112	8.40	-32.6	clear
1038	4.3	—	6.95	13.51	121	6.88	-37.8	clear
1041	5.0	—	6.83	13.55	120	6.83	-36.6	clear
1044	5.7	—	6.76	13.57	119	6.50	-35.8	clear
1047	6.4	—	6.73	13.58	119	6.68	-35.2	clear
1048	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: On 10 sec / off 10 s / Pressure 40 psi

Flow rate - 0.3 L/min

Shut off compressor to allow well to recharge - pumping air, took down pressure

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-29USA-100

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J Saw

Casing Diameter: 2" ____ 4" ____ Other multiport

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	100.0	Date Purged	3/10/15
Water Column (feet)	N/A	Purge Time (from/to)	1053 – 1119
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/10/15 / 1120
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1103	1.2	—	6.71	13.40	187	3.31	-61.3	N/A
1106	2.54	—	6.73	13.54	190	2.08	-71.6	clear
1110	2.9	—	6.70	13.24	188	3.23	-59.2	clear
1113	4.2	—	6.66	13.01	189	3.39	-57.9	clear
1116	5.2	—	6.64	12.97	189	3.06	-56.6	clear
1119	6.4	—	6.64	12.97	190	3.43	-57.7	clear
1120	Sample							

Purge Equipment: Dedicated Bladder pump Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor.

Remarks: ON: ~~20~~ 30 sec / OFF ~~20~~ 30 sec / Pressure – 40 psi 35 when on, 85 when OFF

Flow Rate: ~~0.28~~ l/min 0.31 l/min

Signature ____________________

Parametrix, Inc.

Well/Sample #: CM-MW-29USA-140.5

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: 2" 4" Other Multiport

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	140.5	Date Purged	3/10/15
Water Column (feet)	N/A	Purge Time (from/to)	1130 - 1153
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/10/15 / 1154
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1135	1.54	—	6.78	13.11	223	0.62	-90.5	N/A
1138	2.52	—	6.75	12.99	223	0.88	-81.5	clear
1141	3.5	—	6.73	12.94	222	1.07	-77.1	clear
1144	4.5	—	6.74	12.98	222	1.29	-74.3	clear
1147	5.5	—	6.75	12.97	221	1.40	-72.7	clear
1150	6.5	—	6.76	12.95	221	1.55	-71.4	clear
1153	7.5	—	6.75	12.92	220	1.48	-70.7	clear
1154	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on 30 Sec / off 30 sec / Pressure - while on - 40psi while off -

Flow Rate - 0.35 l/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-04S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/11/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Seal

Casing Diameter: (2") 4" Other

Depth to Water (feet)	WL below Pump	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30.0	Date Purged	3/11/15
Water Column (feet)	N/A	Purge Time (from/to)	0903 - 0923
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/11/15 / 0924
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0908	0.8	—	8.00	13.09	166	5.50	-14.0	N/A
0911	1.5	—	7.51	13.09	166	5.51	-7.7	clear
0914	2.3	—	7.29	13.09	166	5.46	-7.1	clear
0917	3.0	—	7.06	13.09	166	5.50	-7.0	clear
0920	3.8	—	6.93	13.10	166	5.46	-7.7	clear
0923	4.7	—	6.82	13.05	166	5.50	-8.7	clear
0924	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on 7sec / OFF 13sec / Pressure - 15 PSI

Flow rate - 0.275 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-04

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/11/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	[illegible]

Casing Diameter: (2") 4" Other

Depth to Water (feet)	23.60	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	95.0	Date Purged	3/11/15
Water Column (feet)	N/A	Purge Time (from/to)	0938 - 0954
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/11/15 / 0955

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0942	0.94	23.59	7.37	12.63	205	2.28	-45.0	N/A
0945	1.8	23.59	7.13	12.56	204	3.41	-32.2	clear
0948	2.8	23.58	6.97	12.53	204	3.52	-30.1	clear
0951	3.8	23.58	6.92	12.51	205	3.47	-30.2	clear
0954	4.7	23.57	6.89	12.51	206	3.41	-30.8	clear
0955	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on 10 sec / OFF 10 sec / Pressure - Flow rate - 0.325 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-05S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/11/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	BS Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	20.35	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	25.0	Date Purged	3/11/15
Water Column (feet)	N/A	Purge Time (from/to)	1113 – 1132
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/11/15 / 1133

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1117	1.0	20.35	7.10	13.77	183	5.02	-17.5	N/A
1120	1.92	20.35	6.68	13.77	180	4.92	-15.8	clear
1123	2.9	20.35	6.50	13.78	179	4.78	-16.4	clear
1126	3.8	20.35	6.41	13.77	179	4.72	-16.7	clear
1129	4.8	20.35	6.35	13.76	178	4.80	-16.5	clear
1132	5.7	20.35	6.32	13.75	178	4.72	-16.5	clear
1133	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on 7 sec / OFF 13 sec / Pressure - 15psi

Flow rate - 0.3 l/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-05I

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/11/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	20.26	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	95.0	Date Purged	3/11/15
Water Column (feet)	N/A	Purge Time (from/to)	1150 - 1208
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/11/15 / 1209

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1156	1.2	20.25	6.45	12.10	144	3.21	-21.3	N/A
1159	2.2	20.26	6.27	12.04	143	3.22	-17.8	clear
1202	3.2	20.26	6.24	12.02	143	3.22	-19.8	clear
1205	4.3	20.27	6.25	12.00	144	3.20	-22.3	clear
1208	5.3	20.27	6.26	11.98	144	3.18	-26.8	clear
1209	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on 10 sec / off 10 sec / Pressure - 40 psi

Flow rate - 0.35 l/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-05d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/11/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Sand

Casing Diameter: (2") 4" Other

Depth to Water (feet)	20.23	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	217.0	Date Purged	3/11/15
Water Column (feet)	N/A	Purge Time (from/to)	1020 - 1050
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/11/15/1051

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1024	0.92	20.23	7.57	12.24	438	0.87	-82.2	N/A
1027	1.8	20.22	7.70	12.10	457	0.33	-73.8	Clear
1030	2.8	20.22	7.97	12.06	349	0.23	-73.6	clear
1033	3.8	20.22	8.11	12.07	327	0.23	-70.7	clear
1036	4.7	20.21	7.92	12.04	449	0.10	-69.4	clear
1039	5.8	20.21	7.81	12.02	480	0.15	-67.9	clear
1042	6.7	20.20	7.74	12.04	491	0.13	-66.6	clear
1045	7.7	20.20	7.70	12.04	494	0.13	-71.3	clear
1048	8.7	20.20	7.68	12.03	495	0.12	-71.5	Clear
1051	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: COMPRESSOR

Remarks: on 10 sec / OFF 10 sec / Pressure - 40 psi

Flow Rate - 0.33 L/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-26S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/17/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.47	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30.0	Date Purged	3/17/15
Water Column (feet)	N/A	Purge Time (from/to)	1624 - 1635
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/17/15 1640

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1629	2.4	19.45	6.16	12.76	298	2.58	141.8	N/A
1632	3.9	19.45	6.13	12.75	298	2.45	140.1	cl
1635	5.4	19.45	6.11	12.75	298	2.37	138.4	cl
	~~6.8~~							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge rate ~480 ml/min

Signature [signature]

Parametrix, Inc.

Well/Sample #: CM-MW-U1

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/17/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	41.46	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	130.0	Date Purged	3/17/15
Water Column (feet)	N/A	Purge Time (from/to)	0906 - 0926
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/17/15 0930

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0911	1.5	41.53	6.64	13.62	305	2.99	-62.8	N/A
0914	2.4	41.52	6.79	13.52	307	4.53	-62.5	cl
0917	3.3	41.52	6.94	13.51	307	4.99	-52.1	cl
0920	4.2	41.52	6.99	13.51	308	5.01	-45.7	cl
0923	5.1	41.52	7.06	13.49	308	5.02	-40.8	cl
0926	6.0	41.52	7.07	13.48	308	5.03	-35.7	cl

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: OK - LID TABS Broken - no bolts

purge rate ~ 300 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-21

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/17/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	50.97	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	120.5	Date Purged	3/17/15
Water Column (feet)	N/A	Purge Time (from/to)	1026 - 1043
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/17/15 1045
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1031	1.8	50.97	7.11	12.62	320	5.87	75.0	N/A
1034	2.8							
1037	3.8	50.97	7.03	12.54	319	8.05	10.1	cl
1040	4.8	50.97	7.02	12.53	319	8.07	10.2	cl
1043	5.9	50.97	7.01	12.52	319	7.98	10.6	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	CM-FD-031715
Shipment Method	courier	Split with (name(s)/organization)	N/A

3/17/15 0000

Well Integrity: OK

Remarks: purge rate ~ 360 ml/min

FIELD DUPLICATE

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-2LS

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/17/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	51.44	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	64.0	Date Purged	3/17/15
Water Column (feet)	N/A	Purge Time (from/to)	1050-1104
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/17/15 1106

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1055	2.5	51.44	6.38	12.83	392	5.16	84.0	N/A
1058	4.0	51.44	6.26	12.86	397	5.15	80.3	sl. turbid
1101	5.5	51.44	6.21	12.88	391	5.24	79.4	sl. turbid
1104	7.0	51.43	6.19	12.88	391	5.17	79.2	sl. turbid

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks: Purge RATE ~500 ml/min

MS/MSD - 9 containers

Signature: A-R

Parametrix, Inc.

Well/Sample #: CM-MW-06S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/17/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	23.71	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	34.5	Date Purged	3/17/15
Water Column (feet)	N/A	Purge Time (from/to)	1452-1506
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/17/15 1508
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1457	1.6	23.69	6.42	13.47	316	7.09	154.1	N/A
1500	2.6	23.70	6.34	13.50	314	6.99	147.8	cl
1503	3.6	23.70	6.30	13.51	313	6.93	144.4	cl
1506	4.5	23.70	6.28	13.53	312	6.90	141.6	cl

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks:

Purge Rate ~320 ml/min

Signature: AR

Parametrix, Inc.

Well/Sample #: CM-MW-25s

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/17/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AK

Casing Diameter: (2") 4" Other

Depth to Water (feet)	21.77	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30.0	Date Purged	3/17/15
Water Column (feet)	N/A	Purge Time (from/to)	1523-1540
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/17/15 1544
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1528	1.6	21.74	6.05	12.73	330	7.05	178.2	N/A
1531	2.6	21.75	6.02	12.72	330	6.91	169.3	cl
1534	3.6	21.74	6.03	12.70	330	6.68	164.2	cl
1537	4.6	21.73	6.04	12.69	330	6.59	160.2	cl
1540	5.5	21.74	6.05	12.68	330	6.61	157.0	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	3/18/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks:

Purge RATE ~ 320 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-27USA-049.5

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/18/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: 2" 4" Other MULTICHANNEL

Depth to Water (feet)		Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	49.5	Date Purged	3/18/15
Water Column (feet)	N/A	Purge Time (from/to)	1157-1208
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/18/15 1210
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1202	0.7	—	6.36	12.01	277	8.34	122.0	N/A
1205	1.2	—	6.29	12.00	277	8.26	117.0	sl. turb
1208	1.6	—	6.28	12.00	277	8.21	114.3	sl. turb
1211	2.0							
	2.5							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: ok,

Remarks:

purge rate at [illegible] ml/min

A lot of trouble dialing in dual valve pump

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-19d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/18/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.80	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	178.5	Date Purged	3/18/15
Water Column (feet)	N/A	Purge Time (from/to)	1432-1449
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/18/15 1451
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1437	2.3	26.78	6.94	12.98	664	0.38	-65.1	N/A
1440	3.7	26.74	6.78	12.90	653	0.27	-46.0	cl
1443	5.1	26.75	6.76	12.80	652	0.27	-36.4	cl
1446	5.6	26.75	6.79	12.74	650	0.22	-33.0	cl
1449	7.0	26.74	6.78	12.69	648	0.19	-29.9	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge RATE ~460 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-19

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/18/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.54	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	94.0	Date Purged	3/18/15
Water Column (feet)	N/A	Purge Time (from/to)	1510 - 1524
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/18/15 1526

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1515	2.0	24.54	6.16	13.34	396	3.90	92.3	N/A
1518	3.2	24.53	6.10	13.26	393	3.96	97.4	cl
1521	4.4	24.53	6.12	13.24	390	3.97	93.9	cl
1524	5.6	24.54	6.17	13.22	389	3.92	92.7	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks:

Purge RATE ~400 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-19s

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/18/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.44	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	34.5	Date Purged	3/18/15
Water Column (feet)	N/A	Purge Time (from/to)	1533 - 1547
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/18/15 1550
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1538	1.5	24.43	6.50	14.30	355	8.04	89.8	N/A
1541	2.4	24.43	6.56	14.31	356	7.78	86.7	cl
1544	3.3	24.42	6.57	14.29	356	7.69	84.8	cl
1547	4.2	24.42	6.55	14.30	356	7.63	84.0	cl

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks:

PURGE RATE ~300 ml/min

AIR flow from well.

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-27TGA

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/18/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AK

Casing Diameter: (2") 4" Other

Depth to Water (feet)	37.82	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	170.0	Date Purged	3/18/15
Water Column (feet)	N/A	Purge Time (from/to)	1616 - 1639
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/18/15 1645

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1621	2.0	38.16	7.34	12.81	347	0.55	-191.9	N/A
1624	3.2	38.17	7.28	12.76	359	0.44	-170.2	cl
1627	4.4	38.18	7.31	12.69	361	0.36	-179.9	cl
1630	5.6	38.18	7.41	12.66	364	0.31	-188.9	cl
1633	6.8	38.19	7.49	12.65	363	0.28	-195.6	cl
1636	8.0	38.18	7.54	12.60	364	0.26	-198.7	cl
1639	9.2	38.19	7.57	12.62	365	0.25	-201.9	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks:

Purge RATE ~ 400 ml/min

Signature: AK

Parametrix, Inc.

Well/Sample #: CM-MW-026

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/19/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AJR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.93	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	230.7	Date Purged	3/19/15
Water Column (feet)	N/A	Purge Time (from/to)	0953-1016
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/19/15 1018

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0958	2.5	19.93	6.96	12.49	791	0.49	39.9	N/A
1001	4.0	19.93	6.93	12.33	720	0.40	40.4	cl
1004	5.5	19.93	6.88	12.34	703	0.36	51.3	cl
1007	7.0	19.93	6.87	12.32	697	0.32	58.7	cl
1010	8.5	19.94	6.88	12.32	695	0.32	65.0	cl
1013	10.0	19.94	6.85	12.30	700	0.27	70.2	cl
1016	11.5	19.95	6.85	12.31	709	0.27	73.2	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity OK

Remarks:

Purge Rate ~500ml/min

Signature

10

Parametrix, Inc.

Well/Sample #: CM-MW-02S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/19/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	

Casing Diameter: (2") 4" Other

Depth to Water (feet)	13.30	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	20.0	Date Purged	3/19/15
Water Column (feet)	N/A	Purge Time (from/to)	1046 - 1103
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/19/15 1105
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1051	1.8	13.40	6.33	11.68	99	7.71	155.8	N/A
1054	2.8	13.40	6.04	11.78	100	7.36	158.9	cl
1057	3.9	13.40	5.98	11.76	100	7.31	155.5	cl
1100	4.9	13.40	5.92	11.82	101	7.06	154.0	cl
1103	6.0	13.40	5.91	11.93	101	7.26	150.7	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge RATE ~360 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-09s

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/19/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	18.65	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	23.0	Date Purged	3/19/15
Water Column (feet)	N/A	Purge Time (from/to)	1120-1135
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/19/15 1138
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1126	3.0	18.84	5.52	12.56	108	5.40	167.6	N/A
1129	4.5	18.84	5.43	12.55	107	5.34	169.2	cl
1132	6.0	18.84	5.37	12.58	106	5.36	169.0	cl
1135	7.5	18.84	5.40	12.60	106	5.27	167.1	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks: PURGE RATE ~500 ml/min

Signature: A. Ray

Parametrix, Inc.

Well/Sample #: CM-MW-08S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/19/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.55	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	24.5	Date Purged	3/19/15
Water Column (feet)	N/A	Purge Time (from/to)	1157 - 1211
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/19/15 1215
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1202	2.1	19.55	5.80	13.53	283	5.56	170.0	N/A
1205	3.3	19.55	5.83	13.54	292	5.42	158.1	cl
1208	4.6	19.55	5.87	13.52	290	5.42	151.4	cl
1211	5.8	19.54	5.8	13.53	289	5.34	148.5	cl

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	CM-[redacted]-FD-031915 3/19/15 01
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks:

Field Duplicate

Purge RATE ~420 ml/min

Signature: AR-Tech

Parametrix, Inc.

Well/Sample #: CM-MW-23

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/19/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.58	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	102.0	Date Purged	3/19/15
Water Column (feet)	N/A	Purge Time (from/to)	1238-1249
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/19/15 1253

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1243	2.5	26.58	6.60	12.81	545	0.59	99.9	N/A
1246	4.0	26.58	6.53	12.76	548	0.44	105.4	cl
1249	5.5	26.58	6.59	12.75	549	0.34	103.4	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks: MS/MSD

purge rate ~500ml/min

Signature: AR

Parametrix, Inc.

Well/Sample #: CM-MW-23S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/19/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.99	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	37.0	Date Purged	3/19/15
Water Column (feet)	N/A	Purge Time (from/to)	1311 - 1331
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/19/15 1333

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1316	2.0	26.98	6.07	13.59	294	1.13	139.0	N/A
1319	3.2							cl
1322	4.4	26.98	5.84	13.57	303	2.15	144.9	cl
1325	5.6	26.98	5.87	13.56	306	2.34	141.8	cl
1328	6.8	26.98	5.91	13.56	306	2.50	139.9	cl
1331	8.0	26.98	5.91	13.52	307	2.62	139.3	cl

Purge Equipment: Dedicated Bladder pump Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks:

PURGE RATE ~400 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-20S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/20/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.31	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	35.0	Date Purged	3/20/15
Water Column (feet)	N/A	Purge Time (from/to)	1427 - 1444
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/20/15 1446

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1432	2.2	26.31	6.21	12.99	276	4.00	157.4	N/A
1435	3.5	26.31	5.86	12.93	275	3.71	162.3	cl
1438	4.9	26.31	5.75	12.93	275	3.53	162.8	cl
1441	6.2	26.31	5.74	12.92	275	3.46	158.1	cl
1444	7.5	26.31	5.73	12.92	275	3.40	156.2	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks: purge rate 1440 ml/m

Signature: [signature]

Parametrix, Inc.

Well/Sample #: CM-MW-20i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/20/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.34	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	99.5	Date Purged	3/20/15
Water Column (feet)	N/A	Purge Time (from/to)	1445 - 1456
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/20/15 1500

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1450	2.5	26.34	6.27	12.41	514	0.49	141.4	N/A
1453	4.0	26.35	6.35	12.39	514	0.40	137.3	cl
1456	5.5	26.35	6.37	12.38	514	0.37	135.1	cl

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks: PURGE RATE ~500 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-15s

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/20/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	14.05	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	55.0	Date Purged	3/20/15
Water Column (feet)	N/A	Purge Time (from/to)	1512-1526
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/20/15 1528
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1517	2.5	14.09	6.[illegible]	12.79	258	3.50	139.2	N/A
1520	4.0	14.09	6.02	12.79	258	3.21	138.2	cl
1523	5.5	14.09	5.98	12.75	258	3.06	134.2	cl
1526	7.0	14.09	5.96	12.74	258	3.00	131.3	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks: Purge rate ~500ml/min

Signature: [signature]

Parametrix, Inc.

Well/Sample #: MW-07

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/1/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	T. Scull

Casing Diameter: (2") 4" Other

Depth to Water (feet)	23.96	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30.0	Date Purged	3/1/15
Water Column (feet)	N/A	Purge Time (from/to)	1105 - 1120
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/1/15 - 1121
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1108	0.92	23.96	6.74	13.34	251	6.76	37.7	N/A
1111	1.8	23.95	6.60	13.39	245	6.34	41.7	clear
1114	2.7	23.95	6.54	13.39	244	6.23	41.7	clear
1117	3.5	23.96	6.54	13.48	246	6.17	41.3	clear
1120	4.4	23.95	6.52	13.40	244	6.08	41.1	clear
1121	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 650 PSI

Remarks: on 75 / off 135 / Pressure 50 PSI

Flow rate - 0.3 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-08

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/1/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Seal

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.50	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30.0	Date Purged	3/1/15
Water Column (feet)	N/A	Purge Time (from/to)	1030 - 1049
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/1/15 · 1050
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1034	1.2	24.50	6.89	12.92	242	6.11	39.1	N/A
1037	2.1	24.50	6.79	12.95	243	5.87	46.7	clear
1040	3.0	24.50	6.72	12.99	242	5.83	59.4	clear
1043	3.9	24.50	6.66	12.98	242	5.81	66.6	clear
1046	4.8	24.50	6.63	12.93	242	5.82	74.0	clear
1049	5.7	24.50	6.61	12.95	242	5.76	76.9	clear
1050	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank PSI - 700

Remarks: on 75 / off 135 / Pressure 50 PSI

Flow - 0.325 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-08i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/1/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.40	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	130.0	Date Purged	3/1/15
Water Column (feet)	N/A	Purge Time (from/to)	0950 - 1017
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/1/15 - 1018
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)	
0954	0.96	24.50	5.91	12.84	244	2.42	8.1	N/A	
0957	1.8	24.50	6.24	12.64	236	2.76	16.9	clear	
1000	2.7	24.50	6.43	12.66	231	3.31	17.5	clear	← changed Batteries
1005	3.2	24.50	6.70	12.21	230	3.54	11.9	clear	
1008	4.0	24.50	6.78	12.64	231	4.32	11.6	clear	
1011	4.8	24.50	6.68	12.64	230	3.29	11.7	clear	
1014	5.7	24.50	6.90	12.60	231	3.26	12.4	clear	
1017	6.6	24.50	6.94	12.62	231	3.22	12.4	clear	
1018	Sample								

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 1200 psi

Remarks:

On - 10sec / off 12 sec / pressure 140 psi

Flow 0.3 L/min

Changed Batteries @ 957.

Signature

Parametrix, Inc.

Groundwater Sampling Field Data Sheet

Well/Sample #: MW-14d

Project Number	2751940006	Date	3/1/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.39	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	221.0	Date Purged	3/1/15
Water Column (feet)	N/A	Purge Time (from/to)	1340 - 1359
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/1/15 - 1400

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1344	1.46	19.39	7.49	12.93	350	0.80	-186.7	N/A
1347	2.24	19.36	7.44	12.81	350	0.27	-198.7	clear
1350	3.16	19.36	7.48	12.71	349	0.19	-192.9	clear
1353	3.92	19.36	7.51	12.64	348	0.15	-182.6	clear
1356	4.92	19.37	7.53	12.60	345	0.13	-171.7	clear
1359	5.8	19.34	7.53	12.60	344	0.13	-164.4	clear
1400	Sample							

Purge Equipment: Dedicated Bladder pump Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 450 psi

Remarks: on - 8 s / OFF - 12 s / Pressure - 90

Flow rate: 0.31 l/min

Signature

Parametrix, Inc.

Well/Sample #: MW-15

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/1/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	23.87	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	33.0	Date Purged	3/1/15
Water Column (feet)	N/A	Purge Time (from/to)	1217 - 1235
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/1/15 - 1236

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1220	0.7	23.88	6.36	13.74	206	2.93	29.9	N/A
1226	1.5	23.86	6.26	13.76	202	1.61	21.4	V.Silty
1229	2.4	23.85	6.22	13.80	201	1.45	20.0	S.Silty
1232	~~2.8~~ 3.3	23.85	6.21	13.77	202	1.42	18.1	S.Silty/cloudy
1235	4.2	23.84	6.19	13.77	202	1.45	17.6	cloudy/clear
1236	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 600 PSI / USED compressor

Remarks: ON - 75 / OFF - 135 / Pressure - 60 psi

Flow rate - 0.31 l/min

~~leaking gas line fitting~~ USED Compressor

Pulled pump to check Fittings / Portable Battery Ran out of Power using VAN

Signature

Parametrix, Inc.

Well/Sample #: MW-15i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/1/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.05	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	139.0	Date Purged	3/1/15
Water Column (feet)	N/A	Purge Time (from/to)	1245 - 1307
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/1/15 - 1308

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1249	1.2	24.10	6.76	12.42	219	0.82	-162.7	N/A
1252	2.1	24.09	6.84	12.34	219	0.23	-156.1	clear
1255	3.0	24.09	6.96	12.28	220	0.16	-157.9	clear
1258	3.9	24.09	7.12	12.24	221	0.13	-158.5	clear
1301	4.8	24.10	7.21	12.22	222	0.12	-156.7	clear
1304	5.7	24.09	7.27	12.22	222	0.10	-154.2	clear
1307	6.6	24.09	7.31	12.21	222	0.10	-151.7	clear
1308	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 600 psi

Remarks: on - 10 s / off - 10 s / Pressure - 90 psi

Flow rate - 0.33 l/min

Signature

Parametrix, Inc.

Well/Sample #: MW-12

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.39	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	31.0	Date Purged	3/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1117 - 1133
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/2/15 - 1134

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1120	0.7	24.45	6.55	13.85	139	3.68	43.6	N/A
1124	1.84	24.45	6.18	13.87	130	3.25	59.1	clear
1127	2.94	24.46	6.08	13.84	128	3.11	64.1	clear
1130	3.9	24.46	6.04	13.92	127	3.01	58.2	clear
1133	4.8	24.47	6.03	13.89	130	2.98	58.3	clear
1134	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 2,000 PSI

Remarks: ON S / OFF S / Pressure?

Flow Rate - 0.32 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-12d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	25.55	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	216.0	**Date Purged**	3/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1145 - 1201
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/2/15 - 1202

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1149	1.04	25.55	6.65	12.67	535	1.32	-84.3	N/A
1152	2.0	25.55	6.74	12.48	519	0.43	-157.7	clear
1155	3.0	25.55	6.82	12.43	510	0.28	-134.8	clear
1158	4.0	25.55	6.88	12.42	511	0.21	-91.4	clear
1201	5.0	25.55	6.90	12.39	513	0.18	-61.4	clear
1202	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 2000 PSI.

Remarks: On - 7 S / OFF - 35 / Pressure 80 PSI

Flow rate - 0.355 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-17

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	22.53	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	31.0	Date Purged	3/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1237 - 1253
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/2/15 - 1254

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1241	1.3	22.53	6.99	12.33	57	7.52	48.8	N/A
1244	2.26	22.53	6.55	12.33	56	7.23	63.8	clear
1247	3.2	22.53	6.38	12.33	56	7.11	66.0	clear
1250	4.0	22.53	6.33	12.38	56	7.02	65.0	clear
1253	5.0	22.53	6.32	12.39	57	7.00	63.6	clear
1254	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 1900 PSI

Remarks: ON - 7 s / OFF - 13 s / Pressure - 60 PSI

Flow rate - 0.33 L/min

Slight Air leak in Air Fitting.

Signature

Parametrix, Inc.

Well/Sample #: MW-17d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	L. Scull

Casing Diameter: (2") 4" Other

Depth to Water (feet)	22.71	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	195.0	Date Purged	3/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1304 - 1326
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/2/15 - 1327

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1308	1.6	22.80	6.72	12.66	166	2.41	-28.6	N/A
1310	2.88	22.81	6.78	12.57	168	0.63	-13.3	clear
1314	4.2	22.82	6.92	12.52	169	0.36	-0.9	clear
1317	5.3	22.83	7.07	12.51	169	0.26	-2.0	clear
1320	6.52	22.83	7.19	12.49	169	0.21	-3.2	clear
1323	7.70	22.83	7.28	12.49	169	0.18	-6.4	clear
1326	8.92	22.83	7.34	12.49	169	0.16	-7.9	clear
1327	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: TANK Pressure - 1800 PSI

Remarks: ON - 10 S / OFF - 10 S / Pressure 80 PSI.
Flow rate - 0.335 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-31

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saw

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.17	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	85.0	Date Purged	3/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1537 - 1555
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/2/15 / 1556

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1540	1.08	24.15	7.19	12.95	158	5.95	354	N/A
1543	1.96	24.15	6.92	12.72	159	4.63	47.5	clear
1546	3.04	24.14	6.80	12.62	160	4.43	48.9	clear
1549	4.06	24.13	6.79	12.55	161	4.30	45.8	clear
1552	5.1	24.14	6.80	12.57	161	4.25	44.4	clear
1555	6.	24.14	6.80	12.58	161	4.21	41.3	clear
1556	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity / Remarks: Tank Pressure 1400 PSI
On - 9.5S / OFF 10.5S / Pressure 30 PSI
Flow rate ~0.35 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-32S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.85	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	33.0	Date Purged	3/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1407 - 1429
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/2/15 - 1438

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1411	1.4	27.29	6.42	15.00	151	1.10	60.5	N/A
1414	2.36	27.58	6.30	15.11	125	1.22	56.7	clear
1417	3.38	27.84	6.17	15.17	91	1.57	64.6	clear
1420	4.0	28.10	6.11	15.19	103	1.43	54.6	clear
1423	4.5	28.25	6.12	15.19	112	1.35	54.1	clear
1426	4.9	23.35	6.12	15.12	119	1.30	51.2	clear
1429	5.46	2350	6.13	15.15	128	1.24	500	clear
1430	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 1600 PSI

Remarks: on - 9 S / OFF 11 S / Pressure -20 PSI

Flow Rate - 0.33 L/min

Dropped the Pressure to keep water level Stable.

Signature

Parametrix, Inc.

Well/Sample #: MW-32i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	T.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	27.35	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	70.0	Date Purged	3/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1434 - 1458
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/2/15 - 1459

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1443	1.1	27.30	6.55	13.33	184	4.08	38.4	N/A
1446	2.4	27.29	6.41	13.31	181	3.62	45.8	clear
1449	3.3	27.28	6.45	13.22	180	3.49	46.4	clear
1452	4.3	27.28	6.52	13.19	180	3.41	44.0	clear
1455	5.2	27.26	6.58	13.10	180	3.38	42.5	clear
1458	6.3	27.25	6.60	13.11	180	3.35	41.6	clear
1459	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity / Remarks: TANK PRESSURE - 1550 PSI
ON - 9.5 S / OFF 10.5 S / PRESSURE - 35 PSI
Flow rate - 0.35 L/min

Field Dup - POV-FD-030215 / Time 0000 "+" MS/MSD

Signature

Parametrix, Inc.

Well/Sample #: MW-33s

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	ISam

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.87	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	31.0	Date Purged	3/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1013 - 1037
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/2/15 - 1028

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1017	0.6	24.89	7.09	14.28	200	4.93	38.6	N/A
1020	1.26	24.88	6.50	14.33	200	4.80	49.0	s.silty
1023	2.0	24.89	6.34	14.49	196	4.96	51.6	cloudy
1026	2.9	24.89	6.29	14.53	196	5.07	53.4	s.cloudy
1029	3.7	24.89	6.26	14.61	194	4.92	52.8	clear
1037	4.5	24.89	6.24	14.63	194	4.92	52.1	clear
1028 Sample								

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 2,000 PSI

Remarks: ON - 12 s / OFF - 8 s / Pressure - 50 PSI

Flow rate - 0.3 L/min

Changed over to compressor - slight Air leak

Signature

Parametrix, Inc.

Well/Sample #: MW-33i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.76	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	85.0	Date Purged	3/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1040 - 1056
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/2/15 - 1057

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1044	1.18	24.75	6.77	13.01	238	3.91	29.5	N/A
1047	2.4	24.76	6.53	12.64	264	3.30	46.7	clear
1050	3.5	24.75	6.42	12.56	265	3.22	50.0	clear
1053	4.6	24.75	6.41	12.62	265	3.18	50.3	clear
1056	5.7	24.75	6.45	12.72	266	3.11	47.5	clear
1057	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: USED Compressor.

Remarks: ON - 10 S / OFF 10 S / Pressure - 90 PSI

Flow rate ~~0.2~~ .325 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-E

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Seal

Casing Diameter: (2") 4" Other

Depth to Water (feet)	23.85	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	34.1	Date Purged	3/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1620 - 1648
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/2/15 / 1650

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1625	0.84	23.83	6.61	13.89	467	0.20	9.0	N/A
1628	1.62	23.82	6.55	13.90	462	0.18	14.1	scloudy
1631	2.4	23.83	6.59	13.87	454	0.21	18.7	cloudy
1634	3.2	23.83	6.62	13.95	442	0.16	27.8	cloudy
1637	3.9	23.83	6.63	13.95	429	0.14	34.4	cloudy
1640	4.78	23.83	6.65	13.93	409	0.14	39.9	cloudy
1643	5.46	23.82	6.65	13.92	397	0.15	42.2	cloudy
1648	6.23	23.82	6.65	13.95	383	0.19	44.3	cloudy
1650	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 135 PSI

Remarks: ON 9 s/ OFF 11 s/ Pressure - 25 PSI

Flow rate - 0.275 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-18

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.94	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	38.0	Date Purged	3/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1526 - 1545
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/3/15 / 1546

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1530	1.0	24.90	7.26	14.18	364	1.70	22.1	N/A
1533	1.90	24.90	7.10	14.26	364	0.59	22.2	clear
1536	2.90	24.91	7.06	14.21	364	0.34	19.8	clear
1539	3.9	24.91	7.06	14.16	364	0.22	18.2	clear
1542	4.92	24.90	7.07	14.15	365	0.21	15.9	clear
1545	6.2	24.89	7.08	14.14	366	0.16	14.0	clear
1546	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 1050 PSI

Remarks: ON - 7s / OFF - 13s / Pressure - 20 PSI

Flow Rate 0.315 l/min

leaking Air Fitting.

Signature

Parametrix, Inc.

Well/Sample #: MW-18i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. S[illegible]

Casing Diameter: (2") circled 4" ____ Other ____

Depth to Water (feet)	25.05	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	130.0	Date Purged	3/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1556 - 1613
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/3/15 / 1614

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (μS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1601	1.0	25.05	7.40	13.60	276	3.41	45.0	N/A
1604	1.88	25.05	7.25	13.49	274	4.23	47.5	clear
1607	2.94	25.05	7.14	13.42	274	4.44	45.6	clear
1610	3.84	25.05	7.10	13.37	273	4.41	45.1	clear
1613	4.8	25.05	7.08	13.40	273	4.43	42.4	clear
1614	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Tank Pressure - 1000 PSI.
Remarks: ON 10 S / OFF 10 S / Pressure 60 PSI
Flow rate 0.345 l/m.

Signature ____________________

Parametrix, Inc.

Well/Sample #: MW-30i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	T.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	23.40	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	85.0	Date Purged	3/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1306 - 1328
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/3/15 | 1329
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1310	1.0	23.39	6.50	12.63	118	1.91	30.5	N/A
1313	1.9	23.37	6.51	12.49	108	1.24	39.5	V. cloudy / med. silty
1316	2.82	23.36	6.50	12.35	108	1.22	50.4	med. silty
1319	3.74	23.36	6.49	12.24	110	1.42	57.0	med. silty
1322	4.64	23.36	6.52	12.24	111	1.63	60.0	Med. Silty
1325	5.56	23.35	6.57	12.17	113	1.88	60.3	med. silty
1328	6.42	23.34	6.62	12.17	114	2.06	61.7	Med. Silty
1329	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 1300 PSI

Remarks: ON - 11:3 / OFF - 9:5 / Pressure - 30 psi

Flow Rate - 0.32 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-35i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") circled 4" ____ Other ____

Depth to Water (feet)	27.45	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	122.0	Date Purged	3/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1631 - 1646
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/3/15 / 1647
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (μS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1634	1.0	27.45	7.35	14.24	232	2.99	22.4	N/A
1637	2.0	27.45	7.22	14.11	221	3.74	27.8	clear
1640	3.06	27.45	7.06	14.00	218	3.95	32.5	clear
1643	4.0	27.45	7.01	13.94	217	3.90	32.6	clear
1646	5.1	27.45	7.00	13.93	217	3.91	31.8	clear
1647	Sample							

Purge Equipment: Dedicated Bladder pump   Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Tank Pressure - 700 PSI
On 10 S / OFF 10 S / Pressure - 60 PSI.
Flow rate - 0.350 L/min

Signature ____

Parametrix, Inc.

Well/Sample #: MW-F

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	27.58	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	37.3	Date Purged	3/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1438 - 1454
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/3/15 / 1455
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1442	1.3	27.57	6.78	14.45	524	0.49	11.9	N/A
1445	2.26	27.56	6.65	14.37	540	0.37	20.0	clear
1448	3.26	27.57	6.60	14.34	550	0.29	22.2	clear
1451	4.26	27.56	6.60	14.41	554	0.22	22.9	clear
1454	5.26	27.56	6.60	14.31	556	0.20	23.3	clear
1455	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 1100 PSI

Remarks: ON 6 S/ OFF 14 S/ Pressure - 20 PSI

Flow Rate - 0.30 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-05

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	25.16	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30.0	Date Purged	3/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1428 - 1447
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/4/15 / 1448
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1432	1.1	25.17	6.71	14.45	307	6.78	-2.5	N/A
1435	2.36	25.16	6.40	14.42	314	6.54	0.6	clear
1438	3.6	25.16	6.40	14.37	305	6.30	-4.5	clear
1441	—	25.15	6.42	14.36	292	6.47	-8.8	clear
1444	6.04	25.15	6.43	14.36	290	6.34	-9.7	clear
1447	7.3	25.15	6.41	14.34	286	6.35	-8.7	clear
1448	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity / Remarks: Flow rate 0.425 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-01

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	20.07	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	25.0	Date Purged	3/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1620 - 1639
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/4/15 / 1640

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1624	1.06	20.07	7.35	13.43	130	6.51	-37.7	N/A
1627	1.94	20.06	6.84	13.44	132	6.43	-30.0	clear
1630	3.02	20.06	6.56	13.45	133	6.46	-29.0	clear
1633	4.04	20.06	6.44	13.46	135	6.39	-28.8	clear
1636	5.0	20.06	6.35	13.45	134	6.40	-28.4	clear
1639	6.02	20.06	6.30	13.45	134	6.37	-24.3	clear
1640	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on - 9 s / off - 10 s / Pressure: 20 PSI

Flow Rate: 0.31 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-01d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Sewil

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.89	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	221.0	Date Purged	3/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1545 1504
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/4/15 1505

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1449	1.2	19.89	7.39	12.17	600	1.97	-162.0	N/A
1452	2.0	19.94	7.75	12.00	588	0.41	-208.9	clear
1455	~~3.0~~ 2.96	19.94	7.83	11.98	578	0.24	-190.6	clear
1458	3.9	19.96	7.82	11.99	577	0.17	-163.0	clear
1501	5.0	19.94	7.81	11.88	581	0.13	-138.5	clear
1504	6.0	19.94	7.78	11.80	582	0.12	-126.6	clear
1505								

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on 10s / OFF - 10 Sec / Pressure - 30 psi
Flow rate 0.31 l/min

Signature

Parametrix, Inc.

Well/Sample #: MW-05

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	22.99	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30.0	Date Purged	3/4/15
Water Column (feet)	N/A	Purge Time (from/to)	0954 - 1009
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/4/15 / 1010

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0957	1.0	22.90	7.33	13.82	239	6.79	-32.9	N/A
1000	1.92	22.90	6.99	13.84	245	6.36	-24.9	clear
1003	2.9	22.90	6.87	13.84	248	6.28	-23.0	clear
1006	3.8	22.90	6.81	13.81	251	6.26	-22.1	clear
1009	4.8	22.90	6.78	13.84	252	6.26	-21.3	clear
1010	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 400 PSI

Remarks: on 7 s/ OFF 13 s/ Pressure 20 PSI

Flow Rate. 0.325 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-051

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	23.04	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	100.0	Date Purged	3/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1021 - 1039
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/4/15 / 1040

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1024	1.1	23.11	7.05	12.78	617	0.89	-76.9	N/A
1027	2.1	23.11	7.12	12.68	604	0.30	-77.6	clear
1030	3.04	23.11	7.18	12.63	601	0.21	-78.6	clear
1033	4.06	23.11	7.27	12.58	598	0.16	-82.7	clear
1036	5.1	23.11	7.32	12.56	596	0.15	-85.0	clear
1039	6.22	23.11	7.33	12.52	595	0.16	-87.9	clear
1040	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 350 PSI

Remarks: On 8.5' off 12.5' Pressure - 35 PSI

Flow Rate - 0.34 L/min

Field Dup - POV-FD-030415 MS/MSD

Signature

Parametrix, Inc.

Well/Sample #: MW-05dR

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	JSaul

Casing Diameter: ~~2"~~ 4" Other

Depth to Water (feet)	22.24	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	226.0	Date Purged	3/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1056 - 1115
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/4/15 / 1116

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1100	1.5	22.29	7.52	12.47	535	1.39	-121.9	N/A
1103	2.6	22.30	7.52	12.43	516	0.56	-120.7	clear
1106	3.7	22.30	7.53	12.38	499	0.30	-103.9	clear
1109	4.8	22.32	7.55	12.36	496	0.21	-98.9	clear
1112	5.9	22.31	7.56	12.37	495	0.17	-100.0	clear
1115	7.0	22.32	7.56	12.35	495	0.16	-100.9	clear
1116	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: USED Compressor.

Remarks: ON 9S / OFF 11S / Pressure - 30 psi

Flow rate - 0.36 L/min

Signature

Parametrix, Inc.

Well/Sample #: VMW-08

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	

Casing Diameter: (2") 4" Other

Depth to Water (feet)	22.85	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	25.0	Date Purged	3/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1210 - 1223
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/4/15 / 1224

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1214	1.1	22.85	6.84	13.71	234	6.26	-36.5	N/A
1217	2.1	22.85	6.77	13.71	233	6.17	-37.3	clear
1220	3.0	22.85	6.73	13.71	232	6.10	-36.6	clear
1223	4.0	22.86	6.71	13.75	232	6.05	-35.2	clear
1229	Sample							

Purge Equipment ~~Dedicated Bladder~~ Peristaltic pump — Sampling Equipment ~~Dedicated Bladder~~ Peristaltic pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Flow Rate - 0.33 L/min

Signature

Parametrix, Inc.

Well/Sample #: VMW-09

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	22.96	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	26.0	Date Purged	3/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1137 - 1154
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/4/15 1155

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1142	0.8	23.01	7.36	13.44	245	6.25	-41.1	N/A
1145	1.66	23.02	7.04	13.55	244	6.34	-40.0	clear
1148	2.74	23.03	6.87	13.62	247	6.26	-37.7	clear
1151	3.46	23.04	6.79	13.64	244	6.24	-35.4	clear
1154	4.5	23.05	6.73	13.66	250	6.24	-33.6	clear
1155	Sample							

Purge Equipment ~~Dedicated Bladder pump~~ Peristaltic Pump Sampling Equipment ~~Dedicated Bladder pump~~ Peristaltic Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Flow Rate - 0.33 l/min

Signature

Parametrix, Inc.

Well/Sample #: VMW-10

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: 2" ____ 4" ____ Other ____

Depth to Water (feet)	25.30	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	28.0	Date Purged	3/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1352 - 1411
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/4/15 / 1412

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1356	1.3	25.31	6.61	14.33	269	6.97	-8.2	N/A
1359	2.56	25.31	6.42	14.30	272	6.74	-8.1	clear
1402	3.8	25.31	7.01	14.30	266	6.81	-10.8	clear
1405	5.16	25.31	6.32	14.27	266	6.85	-9.1	clear
1408	6.42	25.31	6.32	14.26	266	6.64	-14.3	clear
1411	7.70	25.31	6.30	14.25	265	6.27	-10.6	clear
1412	sample							

Purge Equipment: ~~Dedicated Bladder pump~~ Peristaltic — Sampling Equipment: ~~Dedicated Bladder pump~~ Peristaltic

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Flow Rate - 0.425 l/min

Signature ____

Parametrix, Inc.

Well/Sample #: MW-Ø4

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/5/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") circled   4"   Other ______

Depth to Water (feet)	20.19	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	25.0	Date Purged	3/5/15
Water Column (feet)	N/A	Purge Time (from/to)	1022 - 1037
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/5/15 / 1038
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1025	1.06	20.20	6.46	13.72	185	5.07	-15.6	N/A
1028	2.1	20.20	6.40	13.71	185	4.82	-16.5	clear
1031	3.06	20.20	6.36	13.72	184	4.80	-16.5	clear
1034	4.1	20.20	6.37	13.73	184	4.75	-16.0	clear
1037	5.2	20.20	6.36	13.76	184	4.71	-15.6	clear
1038	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Tank Pressure - 2050 psi
ON 8 s/ OFF 12 s/ Pressure 20 psi
Flow Rate - 0.32 L/m

Signature ______

Parametrix, Inc.

Well/Sample #: MW-11

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/5/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	18.09	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	26.0	Date Purged	3/5/15
Water Column (feet)	N/A	Purge Time (from/to)	0945 - 1004
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/5/15 / 1005

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0949	1.1	18.51	7.10	12.36	135	4.79	-23.3	N/A
0952	1.86	18.57	6.78	12.38	135	4.75	-16.2	clear
0955	2.84	18.52	6.62	12.44	134	4.69	-15.1	clear
0958	3.72	18.523	6.54	12.44	134	4.67	-14.1	clear
1001	4.7	18.54	6.45	12.48	133	4.66	-13.0	clear
1004	5.74	18.55	6.41	12.44	133	4.65	-12.9	clear
1005	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: ON 1/2 / OFF 1/2 / Pressure 20 PSI

Flow meter 0.8 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-24

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/5/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Scull

Casing Diameter: (2") 4" Other

Depth to Water (feet)	53.83	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	~~60.0~~ 67.0	Date Purged	3/5/15
Water Column (feet)	N/A	Purge Time (from/to)	1417 - 1433
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/5/15 / 1434

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1421	0.6	53.82	6.99	13.79	138	5.93	-12.1	N/A
1424	1.4	53.82	6.60	13.57	136	5.96	-1.2	clear
1427	~~2.3~~ 2.3	53.82	6.43	13.51	138	5.89	+1.8	clear
1430	3.16	53.82	6.35	13.51	138	5.86	1.0	clear
1433	4.06	53.82	6.32	13.46	138	5.85	-1.4	clear
1434	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor.

Remarks: ON 6 S/ OFF 9 S/ Pressure 35 PSI

Flow Rate: ~0.3 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-24I

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/5/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	54.05	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	123.0	Date Purged	3/5/15
Water Column (feet)	N/A	Purge Time (from/to)	1445-1504
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/5/15 / 1505
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1449	0.9	54.04	6.82	14.81	213	3.26	-121.0	N/A
1452	1.78	54.04	6.90	13.94	217	5.70	-84.9	clear
1455	2.66	54.04	6.94	13.88	218	6.43	-60.0	clear
1458	3.56	54.04	7.03	13.88	219	6.50	-52.3	clear
1501	4.42	54.04	7.08	13.91	219	6.51	-50.0	Clear
1504	5.34	54.04	7.13	13.71	219	6.58	-47.7	clear
1505	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on 7.5s/ off 7.5s/ Pressure - 40 PSI

Flow rate - 0.315 l/min

Signature

Parametrix, Inc.

Well/Sample #: MW-25

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/5/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	73.38	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	85.0	Date Purged	3/5/15
Water Column (feet)	N/A	Purge Time (from/to)	1528 – 1543
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/5/15 / 1544

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1531	0.9	73.39	7.20	13.94	164	7.25	-27.0	N/A
1534	1.74	73.39	6.75	13.50	154	7.25	-10.2	clear
1537	2.76	73.39	6.53	13.43	155	7.22	-6.7	clear
1540	3.8	73.39	6.49	13.41	158	7.15	-8.8	clear
1543	4.8	73.39	6.48	13.38	159	7.11	-11.0	clear
1544	Saul							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure ~ 2050 PSI.

Remarks: ON 9 S/ OFF 11 S/ Pressure ~ 40 PSI

Flow rate ~ 0.33 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-26I

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/5/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J. Scott

Casing Diameter: (2") 4" Other

Depth to Water (feet)	75.39	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	113.0	Date Purged	3/5/15
Water Column (feet)	N/A	Purge Time (from/to)	1603 - 1619
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/5/15 / 1620

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1607	0.17	75.39	7.06	14.06	218	7.08	-23.2	N/A
1610	1.68	75.39	6.89	13.50	220	5.88	-21.2	clear
1613	2.74	75.39	6.78	13.42	220	6.08	-18.4	clear
1616	3.68	75.39	6.79	13.36	220	6.06	-21.0	clear
1619	4.74	75.39	6.83	13.44	220	6.04	-21.3	clear
1620	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 1900 PSI

Remarks: on 10 s/ off 10 s/ Pressure - 55 PSI

Flow rate ~0.305 l/min

Signature

Parametrix, Inc.

Well/Sample #: MW-28I

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/5/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.37	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	85.0	Date Purged	3/5/15
Water Column (feet)	N/A	Purge Time (from/to)	1118 - 1134
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/5/15 / 1135

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1121	1.14	24.35	6.95	13.11	174	3.92	-46.5	N/A
1124	2.2	24.36	6.96	13.03	164	3.24	-50.2	clear
1127	3.26	24.36	6.95	12.95	162	3.05	-50.5	clear
1131	4.4	24.36	6.93	12.95	161	3.00	-50.4	clear
1134	5.16	24.36	6.93	12.89	162	3.01	-50.2	clear
1135	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on 10 s/ OFF 10 s/ Pressure - 40 Flow rate - 0.38 l/m

Air Fitting cracked

Signature

Parametrix, Inc.

Well/Sample #: MW-34i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/5/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	28.98	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	105.0	Date Purged	3/5/15
Water Column (feet)	N/A	Purge Time (from/to)	1204 - 1223
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/5/15 / 1224

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1208	0.86	28.98	7.41	13.00	142	4.20	-48.4	N/A
1211	1.78	28.98	7.33	12.66	137	3.22	-51.1	clear
1214	2.68	28.98	7.21	12.60	133	2.62	-49.1	clear
1217	3.52	28.98	7.23	12.54	133	2.46	-51.1	clear
1220	4.2	28.98	7.29	12.59	132	2.32	-56.0	clear
1223	5.22	28.98	7.37	12.59	132	2.25	-61.1	clear
1224	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor.

Remarks: on 5/ off 5/ Pressure.

Flow rate. 0.335 l/min

Signature

Parametrix, Inc.

Well/Sample #: MW-38i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/5/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	37.64	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	155.0	Date Purged	3/5/15
Water Column (feet)	N/A	Purge Time (from/to)	1302 - 1317
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/5/15 / 1318

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1306	1.38	37.60	7.24	13.57	240	5.00	-23.1	N/A
1308	2.3	37.57	7.14	13.48	240	4.60	-22.3	clear
1311	3.46	37.57	7.09	13.43	240	4.49	-24.7	clear
1314	4.5	37.57	7.10	13.41	240	4.42	-27.4	clear
1317	5.6	37.57	7.11	13.39	239	4.40	-29.6	clear
1318	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on 8s / off 12s / Pressure 35 psi

Flow rate - 0.32 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-02

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/12/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	KSamT

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.09	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30.0	Date Purged	3/12/15
Water Column (feet)	N/A	Purge Time (from/to)	1347 1406
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/12/15 / 1407
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1351	0.8	24.08	7.53	13.72	163	6.70	-40.7	N/A
1354	1.7	24.07	7.04	13.83	163	6.45	-34.4	clear
1357	2.6	24.07	6.81	13.62	163	6.51	-33.0	clear
1400	3.5	24.07	6.69	13.67	162	6.40	-33.5	clear
1403	4.4	24.08	6.65	13.79	162	6.42	-34.2	clear
1406	5.3	24.08	6.64	13.80	162	6.40	-34.7	clear
1407	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 100psi

Remarks: ON 8 sec / OFF 12 sec / Pressure - Flow rate - 0.30 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-02d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/12/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	J.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	23.84	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	217.0	Date Purged	3/12/15
Water Column (feet)	N/A	Purge Time (from/to)	1310 - 1338
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/12/15 | 1329
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1313	1.2	[illegible]	7.14	12.96	151	0.54	-182.9	N/A
1317	2.4	23.94	7.31	12.90	151	0.30	-218.3	clear
1320	3.3	23.98	7.51	12.88	152	0.22	-210.0	clear
1323	4.4	23.98	7.65	12.63	153	0.18	-183.5	clear
1326	5.5	24.00	7.73	12.61	152	0.15	-160.0	Clear
1329	6.6	24.00	7.78	12.59	152	0.15	-150.8	clear
1332	7.7	24.00	7.85	12.49	151	0.12	-143.9	clear
1335	8.8	24.00	7.87	12.49	150	0.11	-139.6	clear
1338	9.9	24.00	7.92	12.49	150	0.10	132.4	Clear

Sample 1329

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 450 psi

Remarks: on 10 sec / OFF 10 sec / pressure - 35 psi

Flow rate - 0.325

leaking Air valve

Signature

Parametrix, Inc.

Well/Sample #: MW-06

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/12/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	KSaul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	23.14	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	~~29.0~~ 29.0	Date Purged	3/12/15
Water Column (feet)	N/A	Purge Time (from/to)	1206 / 1225
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/12/15 / 1226

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1210	1.2	23.12	7.23	14.35	118	7.32	-22.2	N/A
1213	2.1	23.13	6.87	14.36	117	7.23	-17.8	clear
1216	3.14	23.14	6.65	14.41	119	7.23	-17.7	clear
1219	4.1	23.14	6.58	14.46	120	7.10	-19.3	clear
1222	5.1	23.14	6.53	14.28	120	7.14	-20.1	clear
1225	6.1	23.14	6.49	14.29	123	7.13	-19.2	clear
1226	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: ON 8 sec / OFF 12 sec / Pressure - 20 psi

Flow rate - 0.345 l/min

MS/MSD — POV-FD-031215 = Dup

Signature

Parametrix, Inc.

Well/Sample #: MW-09

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/12/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	27.08	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	32.0	Date Purged	3/12/15
Water Column (feet)	N/A	Purge Time (from/to)	1110 - 1126
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/12/15 / 1127

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1114	1.1	27.09	7.14	14.07	154	6.87	-49.8	N/A
1117	2.1	27.09	6.69	14.00	153	6.59	-40.2	clear
1120	3.0	27.09	6.59	14.09	153	6.46	-39.6	clear
1123	3.9	27.08	6.57	14.04	153	6.45	-40.6	clear
1126	4.8	27.08	6.57	14.11	153	6.39	-41.8	clear
1127	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor.

Remarks: on 8 Sec / OFF 12 Sec / Pressure. 20 psi

Flow rate - 0.32 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-16

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/12/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	L. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	31.00	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	36.0	Date Purged	3/12/15
Water Column (feet)	N/A	Purge Time (from/to)	0955 - 1010
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/12/15 / 1011

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0988	1.2	31.29	6.97	13.02	167	6.56	-51.3	N/A
1001	2.2	31.29	6.68	13.05	167	6.39	-50.0	clear
1004	3.16	31.29	6.66	13.05	167	6.33	-49.8	clear
1007	4.1	31.29	6.51	13.05	167	6.30	-49.5	clear
1010	5.02	31.29	6.47	13.04	167	6.32	-49.0	clear
1011	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure - 500 psi

Remarks: on 8 sec / off 10 sec / Pressure 25 psi

Flow Rate - 0.345 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-16d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/12/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	T.Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	30.19	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	230.0	Date Purged	3/12/15
Water Column (feet)	N/A	Purge Time (from/to)	0924 - 0945
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/12/15 / 0946

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0927	1.52	30.48	5.97	12.53	116	105	-147.6	N/A
0930	2.9	30.53	6.36	1244	117	0.43	-153.7	clear
0933	3.9	3055	6.63	12.41	117	0.31	-144.9	clear
0936	4.5,8	30.53	6.93	12.38	118	0.24	-141.6	clear
0939	6.8	30.53	7.12	12.41	117	0.22	-143.7	clear
0942	7.9	30.53	7.29	12.41	118	0.18	-146.5	clear
0945	9.1	30.53	7.44	12.43	117	0.15	-148.4	clear
0946	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Tank Pressure 700psi

Remarks: on 10 sec / OFF 10sec / Pressure - 85 psi

Flow rate - 0.35L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-37

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/12/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	L.Seal

Casing Diameter: (2") 4" Other

Depth to Water (feet)	27.18	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	125.0	Date Purged	3/12/15
Water Column (feet)	N/A	Purge Time (from/to)	1505 - 1527
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/12/15 / 1528

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1509	0.9	27.19	7.96	14.00	190	1.93	-53.2	N/A
1512	1.9	27.20	7.76	13.88	192	1.18	-57.6	clear
1515	2.8	27.20	7.73	13.83	193	0.80	-59.2	clear
1518	3.9	27.20	7.73	13.75	192	0.61	-60.8	clear
1521	5.0	27.20	7.75	13.72	191	0.50	-63.5	clear
1524	5.9	27.20	7.76	13.70	190	0.53	-65.6	clear
1527	7.0	27.1	7.76	13.69	190	0.53	-67.7	clear
1528	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Compressor

Remarks: on 10 sec / OFF 10 sec / Pressure - 55 psi

Flow Rate - 0.35 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-13d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/16/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	29.36	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	262.0	Date Purged	3/16/14
Water Column (feet)	N/A	Purge Time (from/to)	~~0057~~ 0958
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/16/15 1028
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L) ~~GAL~~	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1003	0.7	29.40	6.60	12.11	274	0.56	-184.6	N/A
1006	1.1	29.40	6.70	12.04	275	0.44	-182.4	clear
1007	1.5	29.40	6.78	12.03	275	0.36	-178.7	clear
1012	1.9	29.40	6.88	12.05	275	0.34	-177.7	cl.
1015	2.3	29.40	6.96	12.09	275	0.30	-177.8	cl.
1018	2.7	29.40	6.98	12.08	275	0.32	-177.7	cl

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK - Monument LID hinge RUSTED / Broken

Remarks:

PURGE RATE ~ 500ml/min

Signature

Parametrix, Inc.

Well/Sample #: MW-04d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/16/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	20.55	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	232.0	Date Purged	3/16/15
Water Column (feet)	N/A	Purge Time (from/to)	1045 - 1108
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/16/15 1110
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (~~L~~ GAL)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1050	0.4	20.60	6.79	12.20	249	1.28	-155.4	N/A
1053	0.7	20.60	6.77	12.15	250	0.64	-176.0	sl. ~~cl~~ turbid
1056	0.9	20.60	6.95	12.12	252	0.49	-186.0	sl. turbid
1059	1.2	20.60	7.11	12.10	251	0.42	-193.0	sl. turb. f
1102	1.4	20.61	7.22	12.10	251	0.31	-195.8	clear
1105	1.7	20.61	7.29	12.08	250	0.28	-196.7	clear
1108	1.9	20.61	7.31	12.07	249	0.29	-196.9	clear

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: GOOD - PINK LOCK ON ACCESS GATE IS GONE

Remarks: PURGE RATE = 300 ml/min

Signature

Parametrix, Inc.

Well/Sample #: MW-23

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/16/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	39.70	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	45.0	Date Purged	3/16/15
Water Column (feet)	N/A	Purge Time (from/to)	1236-1253
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/16/15 1255

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1241	2.0	39.70	6.40	12.91	286	5.11	1.6	N/A
1244	3.2	39.70	6.09	12.90	278	5.22	12.7	clear
1247	4.4	39.70	6.02	12.89	274	5.40	16.1	clear
1250	5.6	39.70	6.04	12.90	272	5.53	16.7	clear
1253	6.8	39.70	6.07	12.90	270	5.65	17.5	clear

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity ? Significant airflow emanating from well

Remarks:

Purge RATE 400 ml/min

Signature

Parametrix, Inc.

Well/Sample #: MW-19i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/16/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	28.77	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	130.0	Date Purged	3/16/15
Water Column (feet)	N/A	Purge Time (from/to)	1336 - 1356
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/16/15 1400

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1341	1.6	28.85	6.97	15.71	271	3.91	55.1	N/A
1344	2.6	28.89	6.78	15.51	257	3.84	49.2	clear
1347	3.5	28.82	6.71	15.39	252	3.80	43.7	clear
1350	4.5	28.85	6.69	15.32	251	3.76	37.6	clear
1353	5.4	28.82	6.68	15.26	251	3.74	32.2	clear
1356	6.4	28.89	6.67	15.23	251	3.74	27.8	clear

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks: purge rate ~ 320 ml/min

Signature: AR

Parametrix, Inc.

Well/Sample #: MW-19S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/16/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.97	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	33.0	Date Purged	3/16/15
Water Column (feet)	N/A	Purge Time (from/to)	1410 - 1433
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/16/15 1435

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1415	2.2	27.01	6.49	17.07	314	0.61	30.5	N/A
1418	3.5	27.01	6.42	17.07	315	0.40	24.9	cl.
1421	4.8	27.01	6.39	17.09	315	0.34	18.7	cl
1424	6.0	27.01	6.36	17.11	315	0.30	13.0	cl
1427	7.3	27.03	6.35	17.11	315	0.26	6.4	cl
1430	8.6	27.02	6.34	17.11	315	0.26	1.0	cl
1433	9.9	27.04	6.35	17.10	315	0.24	-3.0	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: GOOD

Remarks: PURGE RATE ~440 ml/min

Signature: AR

Parametrix, Inc.

Well/Sample #: MW-20

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/16/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	49.75	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	57.0	Date Purged	3/16/15
Water Column (feet)	N/A	Purge Time (from/to)	1518 - 1541
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/16/15 1543

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1523	1.6	49.78	5.94	13.01	261	7.62	114.5	N/A
1526	2.6	49.78	5.65	12.95	260	7.52	116.3	cl
1529	3.5	49.79	5.63	12.95	260	7.44	110.1	cl
1532	4.5	49.78	5.67	12.93	259	7.38	102.6	cl
1535	5.4	49.75	5.74	12.90	259	7.37	95.2	cl
1538	6.4	49.75	5.77	12.86	259	7.39	89.5	cl
1541	7.3	49.75	5.79	12.88	259	7.32	86.0	cl

Purge Equipment: Dedicated Bladder pump Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge RATE ~ 320 ml/min

Signature AR

Parametrix, Inc.

Well/Sample #: MW-21

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/16/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	33.52	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	42.0	Date Purged	3/16/15
Water Column (feet)	N/A	Purge Time (from/to)	1605-1622
1 Purge Volume (gals)	N/A	Date/Time Sampled	3/16/15 1624
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1610	2.4	33.50	5.85	12.92	280	7.78	82.2	N/A
1613	3.8	33.50	5.64	12.91	279	7.51	83.8	cl
1616	5.3	33.50	5.68	12.91	278	7.48	77.7	cl
1619	6.7	33.50	5.74	12.92	278	7.45	73.1	cl
1622	8.2	33.50	5.78	12.92	278	7.44	70.3	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

PURGE RATE 480 ml/min

NOTED AIR COMING FROM WELL AS IN MW-23

Signature

1603 33.54
1613 33.52

Parametrix, Inc.

Well/Sample #: MW-10

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/17/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.15	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	31.5	Date Purged	3/17/15
Water Column (feet)	N/A	Purge Time (from/to)	1159 - 1216
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/17/15 1220

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1204	1.9	26.15	6.38	12.74	300	6.53	136.1	N/A
1207	3.0	26.15	6.25	12.77	299	6.46	133.9	sl. turbid
1210	4.2	26.15	6.30	12.78	299	6.33	126.9	sl. turbid
1213	5.3	26.15	6.33	12.81	299	6.28	121.1	sl. turbid
1216	6.5	26.15	6.37	12.74	299	6.25	118.4	sl. turbid

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks: PURGE RATE ~380ml/min

Signature: [signature]

Parametrix, Inc.

Well/Sample #: MW-36S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/17/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	

Casing Diameter: (2") 4" Other

Depth to Water (feet)	27.91	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	34.0	Date Purged	3/17/15
Water Column (feet)	N/A	Purge Time (from/to)	1256 - 1313
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/17/15 1315

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1301	1.7	27.91	5.93	13.41	90	8.38	161.4	N/A
1304	2.7	27.91	5.52	13.39	91	8.26	125.7	V. TURBID
1307	3.7	27.91	5.43	13.37	93	8.18	105.1	TURBID
1310	4.7	27.91	5.44	13.37	92	8.14	107.2	TURBID
1313	5.8	27.91	5.46	13.37	91	8.09	109.2	TURBID

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks: PURGE RATE ~340 ml/min

Signature

Parametrix, Inc.

Well/Sample #: MW-36i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/17/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") circled   4"   Other

Depth to Water (feet)	28.16	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	105.0	Date Purged	3/17/15
Water Column (feet)	N/A	Purge Time (from/to)	1318-1332
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/17/15 1334

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1323	1.7	28.16	6.17	12.78	326	6.05	122.4	N/A
1326	2.7	28.16	6.24	12.74	325	6.50	115.0	cl
1329	3.7	28.16	6.30	12.72	325	6.56	109.7	cl
1332	4.7	28.15	6.34	12.71	326	6.51	105.8	cl

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Good

Remarks:

Purge rate ~340 ml/min

Signature: [signature]

Parametrix, Inc.

Well/Sample #: MW-07

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/18/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	25.62	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	90.0	Date Purged	3/18/15
Water Column (feet)	N/A	Purge Time (from/to)	0947-1001
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/18/15 1003

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0952	1.6	25.62	6.68	12.86	336	5.40	108.4	N/A
0955	2.6	25.62	6.62	12.73	334	5.72	100.6	cl
0958	3.6	25.64	6.68	12.73	333	5.70	94.4	cl
1001	4.6	25.64	6.67	12.73	332	5.72	90.7	cl

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks:

PURGE RATE ~320 ml/min

Signature

Parametrix, Inc.

Well/Sample #: MW-29

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/18/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	AR

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.10	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	125.0	Date Purged	3/18/15
Water Column (feet)	N/A	Purge Time (from/to)	1340 - 1400
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/18/15 1402

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1351	1.5	24.07	6.62	12.64	170	4.82	114.9	N/A
1354	2.4	24.05	6.33	12.44	172	5.15	125.4	cl
1357	3.3	24.04	6.34	12.33	172	5.06	123.1	cl
1400	4.2	24.02	6.40	12.29	172	5.01	118.2	

Purge Equipment: Dedicated Bladder pump Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

PURGE RATE 2300 ml/min

Signature

Parametrix, Inc.

Well/Sample #: MW-04i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	3/19/15
Project Name	Port of Vancouver - TCE	Event	2015 Q1
Client Name	Port of Vancouver	Sampled by	ASK

Casing Diameter: (2") 4" Other

Depth to Water (feet)	21.69	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	100.0	Date Purged	3/19/15
Water Column (feet)	N/A	Purge Time (from/to)	1447 - 1507
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	3/19/15 1510

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1452	1.9	21.69	6.56	12.92	329	0.47	-77.0	N/A
1455	3.0	21.69	6.34	12.81	330	0.35	-46.0	cl
1458	4.2	21.69	6.34	12.72	332	0.32	-34.1	cl
1501	5.3	21.69	6.43	12.69	333	0.29	-32.8	cl
1504	6.5	21.70	6.55	12.62	333	0.28	-33.1	cl
1507	7.6	21.70	6.53	12.55	333	0.24	-21.4	cl

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge RATE ~380 ml/min

Signature

Parametrix, Inc.

Well/Sample #: MW-05

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	6/30/15
Project Name	Port of Vancouver - TCE	Event	2015 Q2
Client Name	Port of Vancouver	Sampled by	T. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.40	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30	Date Purged	6/30/15
Water Column (feet)	N/A	Purge Time (from/to)	1155 - 1213
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	6/30/15 - 1217

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
			± 0.1		± 3%	± 10%	± 10	
1155		26.54						
1201	1.8	26.55	6.95	14.41	247	11.66	179.8	~~N/A~~ Clear
1204	2.7	26.56	7.08	14.39	248	14.55	173.0	Clear
1207	3.6	26.56	7.06	14.45	248	12.12	172.8	Clear
1210	4.5	26.57	7.06	14.44	248	11.46	172.2	clear
1213	5.4	26.58	7.07	14.32	248	10.86	171.6	clear
1217	Sample							

Purge Equipment	Peristaltic pump	Sampling Equipment	Peristaltic pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	N/A

Well Integrity: Tubing - 29.3

Remarks:

Flow Rate 0.3 l/min

Signature: Trynn Saul

Parametrix, Inc.

Well/Sample #: MW-055

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	6/30/15
Project Name	Port of Vancouver - TCE	Event	2015 Q2
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.26	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	30'	Date Purged	6/30/15
Water Column (feet)	N/A	Purge Time (from/to)	1409 - 1424
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	6/30/15 - 1428

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1407		24.57						
1415	2.0	24.57	8.58	14.56	306	8.37	162.5	~~N/A~~ clear
1418	3.0	24.58	8.50	14.54	307	8.22	161.9	clear
1421	3.9	24.58	8.58	14.55	308	8.15	160.5	clear
1424	4.9	24.54	8.58	14.63	308	7.89	159.9	clear
1428	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated Bladder pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	courier	Split with (name(s)/organization)	N/A

Well Integrity: Top of Pump 25.5'

Remarks: calibrated pH. - Buffer 7.0 / read 7.83 / calibrated to 6.99 / Buffer 4.0 / read - 5.06 / calibrated to 4.0 // ORP Buffer 220 mV / read - 217.8 Conductivity - Buffer 1413 µS/cm / read - 1604 / calibrated - 1413 DO - Bar 8.10 / Bar - 765.1 / calibrated - 8.03 Flow rate - 0.325 L/min / 12 sec. off / 8 sec. on / 22 psi

Signature: Ingunn Saul

PORT - FD - 063015

MS/MSD

Parametrix, Inc.

Well/Sample #: VMW-08

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	6/30/15
Project Name	Port of Vancouver - TCE	Event	2015 Q2
Client Name	Port of Vancouver	Sampled by	J. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.09'	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	25'	Date Purged	6/30/15
Water Column (feet)	N/A	Purge Time (from/to)	~~1248~~ 1300 - 1318
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	6/30/15 - 1323

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1248		24.29						
1306	2.1	24.37	8.63	14.31	210	9.43	184.3	~~N/A~~ clear
1309	3.2	24.38	8.78	14.34	210	9.43	186.6	clear
1312	4.2	24.37	8.87	14.29	211	9.42	184.7	clear
1315	5.25	24.38	8.93	14.34	211	9.58	186.3	clear
1318	6.3	24.38	8.97	14.26	212	9.56	198.9	clear
1323	Sample							

Purge Equipment	Peristaltic pump	Sampling Equipment	Peristaltic pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	N/A

Well Integrity: Tubing. 29'

Remarks:

Flow Rate. 0.35 L/min

Signature: J. Saul

Parametrix, Inc.

Well/Sample #: VMW-Ø9

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	6/30/15
Project Name	Port of Vancouver - TCE	Event	2015 Q2
Client Name	Port of Vancouver	Sampled by	J. Saul

Casing Diameter: (2") ✓ 4" Other

Depth to Water (feet)	24.20	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	26	Date Purged	6/30/15
Water Column (feet)	N/A	Purge Time (from/to)	1336- 1351
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	6/30/15 ~1356

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (μS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1335		24.48	± .1		± 3%	± 10%	± 10	
1342	1.8	24.57	8.89	15.19	271	10.13	165.4	~~N/A~~ Clear
1345	2.7	24.58	8.88	15.13	270	10.56	178.0	Clear
1348	3.6	24.58	8.89	15.18	268	10.79	178.2	Clear
1351	4.5	24.59	8.89	15.14	267	11.08	177.5	Clear
1356	Sample							

Purge Equipment: Peristaltic pump Sampling Equipment: Peristaltic pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	N/A

Well Integrity: Tubing 28.2'

Remarks:

Flow Rate - 0.3 l/min

Signature: [signature]

Parametrix, Inc.

Well/Sample #: VMW-10

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	6/30/15
Project Name	Port of Vancouver - TCE	Event	2015 Q2
Client Name	Port of Vancouver	Sampled by	L. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.52'	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	28'	Date Purged	6/30/15
Water Column (feet)	N/A	Purge Time (from/to)	1126 - 1141
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	6/30/15 1146

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1126		26.66	± 0.1		± 3%	± 10%	± 10	
1132	1.86	26.67	6.61	14.52	274	13.88	189.5	~~N/A~~ clear
1135	2.8	26.67	6.80	14.52	272	14.79	182.8	clear
1138	3.7	26.68	6.81	14.57	271	14.03	181.3	clear
1141	4.7	26.69	6.82	14.49	271	13.83	178.7	clear
1146	Sample							

Purge Equipment: Peristaltic pump — Sampling Equipment: Peristaltic pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	N/A

Well Integrity: Tubing 28.8'

Remarks:

Flow rate - 0.3 L/min

Signature: Lauren Saul

Parametrix, Inc.

Well/Sample #: VMW-11

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	6/30/15
Project Name	Port of Vancouver - TCE	Event	2015 Q2
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: 2" 4" Other

Depth to Water (feet)	25.45	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	28'	Date Purged	6/30/15
Water Column (feet)	N/A	Purge Time (from/to)	1039 – 1112
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	6/30/15 / 1118

Time (2400 hr)	Cumulative Volume	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
			+/- 0.1		+/- 3%	+/- 10%	+/- 10	
1039	(1) Gal	25.49						
1045	~~0.5~~ 1.8	25.51	4.70	14.87	267	8.34	285.7	N/A Clear
1048	2.7	25.51	4.96	14.82	267	8.73	267.8	clear
1051	3.6	25.52	5.35	14.72	267	9.25	247.6	clear
1054	4.5	25.52	5.73	14.80	267	9.18	227.9	clear
1057	5.4	25.53	6.02	14.68	267	9.30	215.5	clear
1100	6.3	25.53	6.20	14.70	267	9.42	207.8	clear
1103	7.2	25.53	6.34	14.72	267	9.53	201.4	clear
1106	8.1	25.53	6.45	14.70	268	9.76	196.0	clear
1109	9.0	25.54	6.51	14.64	268	9.88	193.0	clear
1112	9.9	25.54	6.58	14.73	268	9.85	189.8	clear

Purge Equipment: Peristaltic pump — Sampling Equipment: Peristaltic pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	N/A

Well Integrity: Tubing - 29.6

Remarks:

Flow Rate 0.3 l/min

Signature: Ingrum Saul

Parametrix, Inc.

Well/Sample #: CM-MW-28WSA-0920

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" 4" Other MW Hi point

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	-	Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1019 - ~~1050~~ 1048
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/2/15 1050
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) +/-1	Temp. (°C)	EC (µS) +/- 3%	DO (mg/L) +/- 10%	Redox (mV) +/- 10	Turb. (visual) clear?
1024	0.9	—	6.84	17.90	366	11.80	41.0	N/A
1027	1.5	—	7.03	17.94	370	11.18	65.0	clear
1030	2.0	—	6.98	18.11	372	10.90	53.0	clear
1033	2.3	—	6.87	18.42	371	10.50	55.3	clear
1036	2.6	—	6.64	19.18	370	10.26	55.1	clear
1039	2.9	—	6.55	19.35	369	8.90	56.6	clear
1042	3.1	—	6.48	19.63	369	7.08	56.9	clear
1045	3.6	—	6.46	19.82	369	6.35	59.4	clear
1048	4.0	—	6.44	19.89	369	5.74	62.8	clear
1050	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity:

Remarks:

Tank PSI 2000 psi

Used compressor - on 7.5 sec / off 12.5 sec / ~~50~~ 20 psi

it took ~ 10 min for well & pumping to stabilize. GW low, I was pumping air & GW until I found a happy medium to the pump flow.

Signature:

Parametrix, Inc.

Well/Sample #: CM-MW-28USA-120.5

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" 4" Other multi port

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1058 - 1126
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/2/15 1128
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) +/- 0.1	Temp. (°C)	EC (µS) +/- 3%	DO (mg/L) +/- 10%	Redox (mV) +/- 10	Turb. (visual)
								clear
1105	2.2	—	6.64	16.08	812	2.44	7.2	N/A
1108	3.2	—	6.55	15.99	813	2.24	37.1	clear
1111	4.4	—	6.54	15.80	813	1.74	54.9	clear
1114	5.6	—	6.53	15.67	813	1.26	58.4	clear
1117	6.8	—	6.53	15.63	813	1.04	55.5	clear
1120	8.0	—	6.53	15.56	813	0.65	51.1	clear
1123	9.2	—	6.54	15.64	813	0.83	51.2	clear
1126	10.4	—	6.54	15.58	813	0.51	53.8	clear
1128	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.4 l/min

Remarks:
USED compressor
on-7sec, off 13sec, 55 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-28USA-180

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" 4" Other multi-port

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1133 - 1159
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/2/15 - 1201
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) +/- 0.1	Temp. (°C)	EC (µS) +/- 3%	DO (mg/L) +/- 10%	Redox (mV) +/- 10	Turb. (visual)
1138	0.8	—	7.01	16.07	902	2.32	51.4	clear N/A
1141	1.8	—	7.06	15.96	901	1.16	37.6	clear
1144	3.0	—	7.13	15.83	901	0.53	26.1	clear
1147	4.0	—	7.16	15.81	896	0.51	36.6	clear
1150	5.0	—	7.19	15.71	891	0.43	52.2	clear
1153	6.0	—	7.20	15.63	886	0.30	58.4	clear
1156	7.0	—	7.21	15.65	881	0.32	61.4	clear
1159	8.0	—	7.23	15.67	876	0.30	60.8	clear
1201	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Flow rate 0.35 l/min

On - 7sec / off 13sec / Pressure - 60psi

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-18

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	(L. Saul) / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.79	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1246 - 1312
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/2/15 - 1314
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1251	1.3	20.59	7.30	15.08	711	1.99	3.7	clear N/A
1254	2.3	20.65	7.31	14.61	730	1.11	53.2	clear
1257	3.2	20.66	7.33	14.43	732	1.04	58.4	clear
1300	4.3	20.67	7.34	14.32	725	0.79	56.6	clear
1303	5.3	20.68	7.32	14.30	679	0.70	34.4	clear
1306	6.3	20.67	7.31	14.26	649	0.46	21.5	clear
1309	7.3	20.67	7.31	14.24	655	0.51	23.7	clear
1312	8.3	20.67	7.32	14.24	663	0.30	27.0	clear
1314	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow rate - 0.325 L/min

Remarks:
Tank Pressure - 2100 psi,
on - 7.5 sec / off - 12.5 sec / 30 psi

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-18d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.98	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1408 - 1425
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/2/15 - 1427
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C) ± 0.1	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1413		20.0	7.08	14.60	587	1.54	43.9	clear N/A
1416	2.7	19.44	7.13	14.49	589	1.00	44.1	clear
1419	3.3	19.99	7.20	14.49	593	0.89	43.9	clear
1422		20.00	7.26	14.51	596	0.66	46.4	clear
1425	5.2	20.00	7.27	14.52	596	0.58	45.8	clear
1427	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: flow rate - 0.34 L/min

Remarks: compression

Signature

11

Parametrix, Inc.

Well/Sample #: CM-MW-19S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	L. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.66	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	~~Under~~	Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1615 - 1629
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/2/15 - 1631
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
								clear
1620	1.1	26.67	6.78	16.49	327	7.41	70.9	N/A
1623	2.0	26.66	6.77	16.21	328	7.59	70.5	clear
1626	3.0	26.67	6.79	16.11	326	7.70	71.1	clear
1629	3.9	26.68	6.78	16.02	326	7.80	70.5	clear
1631	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.33 L/min

Remarks:

Tank Pressure - 1700 PSI

on 7sec / off 13sec / 20PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-19

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.85	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1654 - 1710
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/2/15 , 1713
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ±0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1701	1.1	26.86	6.60	15.29	345	4.37	72.5	cloudy / N/A
1704	2.0	26.87	6.55	14.86	349	4.74	70.1	cloudy
1707	3.0	26.87	6.56	14.75	357	4.80	67.4	cloudy
1710	3.9	26.88	6.56	14.61	362	4.85	66.2	cloudy
1713	Sample							cloudy

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow rate 0.325 l/min

Remarks:

Tank Pressure - 1600 psi

7 sec on / 13 sec off / 40 psi

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-19d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	29.24	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1732 - 1749
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/2/15 1751
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1737	0.8	29.24	7.32	14.86	583	1.81	34.8	clear N/A
1740	1.7	29.20	7.31	14.20	583	1.09	33.6	clear
1743	2.6	29.22	7.28	13.99	586	0.87	31.6	clear
1746	3.6	29.22	7.27	13.78	589	0.74	29.8	clear
1749	4.6	29.20	7.29	13.69	590	0.68	29.5	clear
1751	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.325 L/min

Remarks:
Tank Pressure - 1500 psi
7 Sec. on / 13 Sec. Off / 50 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-34s

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.89	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1451 - 1502
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/2/15 - 1504
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1456	1.3	19.90	6.41	15.84	279	7.24	61.8	N/A
1459	2.2	19.90	6.42	15.57	278	6.90	60.8	clear
1502	3.0	19.90	6.40	15.47	278	7.04	61.0	clear
1504	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow rate - 0.32 l/min.

Remarks:

Tank Pressure - 1800 PSI

7 sec. on / 13 sec off / 20 psi

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-24I

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	20.43	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1527-1547
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/2/15 1549

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1532	1.4	20.45	6.59	15.8	759	2.46	75.2	Clear N/A
1535	2.3	20.45	6.55	15.20	765	1.76	74.5	clear
1538	3.2	20.45	6.54	14.94	767	1.35	69.9	clear
1541	4.1	20.45	6.54	14.91	768	1.04	66.4	clear
1544	5.0	20.46	6.54	14.81	769	0.90	64.2	clear
1547	5.9	20.46	6.54	14.69	770	0.70	59.7	clear
1549	Sample							clear

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.315 L/M

Remarks:

Tank Pressure - 1800 psi

7sec on / 13 sec off / 40 psi

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-04S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	Dry / WL Below top of pump.	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1032
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/3/15
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1035	Dry	No water to pump.						N/A

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-04

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	J. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	25.21	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/3/15
Water Column (feet)	N/A	Purge Time (from/to)	0955 - 1009
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/3/15 - 1011

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ±10	Turb. (visual)
1000	1.1	25.19	6.89	14.36	338	4.03	-71.1	Clear N/A
1003	2.0	25.19	6.84	13.88	337	4.47	-62.4	clear
1006	3.0	25.19	6.84	13.60	338	4.68	-58.6	clear
1009	4.0	25.19	6.84	13.46	340	4.50	-54.1	clear
1011	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.3 L/min

Remarks:

Compressor 7 sec on / 13 sec off / 40 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-05S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	Dry / Water Below Top of Pump	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1245 — 1259
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/3/15 1302
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1250	~~Compass on 3sec / off 7sec~~							N/A
1253	1.4	—	6.43	14.93	231	7.43	-15.0	Clear
1256	2.4	—	6.44	14.61	229	6.98	-13.6	clear
1259	3.5	—	6.44	14.57	228	6.86	-17.9	clear
1302	Sample							clear

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: 0.355 l/min

Remarks:

Compressor on 3sec / off 7sec /

Signature

MH 1

Parametrix, Inc.

Well/Sample #: CM-MW-951

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	21.94	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1201 - 1218
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/3/15 - 1220

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1206	1.2	21.94	6.39	14.18	351	2.19	-8.6	Clear N/A
1209	2.1	21.95	6.39	13.94	369	1.80	-7.6	clear
1212	3.0	21.97	6.40	13.85	371	1.70	-7.0	clear
1215	3.9	21.97	6.41	13.80	371	1.39	-6.5	clear
1218	4.8	21.97	6.42	13.76	370	1.21	-7.8	clear
1220	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow rate - 0.3 L/min

Remarks:

Compressor

7 sec ON / 13 sec OFF / 40 PSI

MS/MSD & Dup. CM-~~FB~~FD-090315 @ 0000

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-25d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	21.86	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1107 - 1133
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/3/15 - 1135
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ±0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1102	0.7	21.84	7.92	14.74	823	1.59	-40.1	clear N/A
1115	1.5	21.84	8.06	14.17	745	0.98	-32.3	clear
1118	2.4	21.84	7.92	14.04	674	0.70	-28.9	clear
1121	3.1	21.84	7.72	14.12	702	0.67	-27.0	clear
1124	3.8	21.85	7.68	13.97	722	0.58	-28.6	clear
1127	4.8	21.86	7.58	13.85	731	0.50	-29.9	clear
1130	5.7	21.86	7.56	13.80	732	0.47	-29.3	clear
1133	6.6	21.86	7.54	13.79	733	0.49	-28.5	clear
1135	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate ~0.3 l/min

Remarks:

Compressor

7 sec on / 13 sec off / 45 psi

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-28S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	J. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.64 - right above the Top of pump	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1412 →
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/3/15
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
								N/A
Not enough Flow/ GW level to pump or Sample. less then 0.25 L/ cycle pumped.								

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity:

Remarks:

(Tank Pressure 1200 psi) Compressure

2.2 sec. on / 78 sec off / 15-20 psi

Signature:

Parametrix, Inc.

Well/Sample #: CN1-MW-26S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	21.93	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1333 - 1347
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/3/15 - 1350

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1338	1.5	21.92	6.47	14.63	254	4.15	46.0	clear N/A
1341	2.5	21.93	6.49	14.33	259	3.67	22.1	clear
1344	3.4	21.94	6.49	14.13	261	3.50	14.0	clear
1347	4.4	21.95	6.49	14.04	261	3.39	12.1	clear
1350	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/4/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow rate - 0.34 L/min

Remarks:

Tank pressure 1300 psi

Close on 14 sec off 20 psi

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-3D/S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	~~2015~~ Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.32	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1745 - 1759
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 1801
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1750	1.0	19.33	6.47	14.72	187	7.44	-84.6	Clear N/A
1753	1.8	19.36	6.48	14.60	184	7.53	-82.9	clear
1756	2.7	19.38	6.48	14.49	184	7.65	-83.5	Clear
1759	3.5	19.36	6.48	14.47	185	7.66	-83.2	Clear
1801	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.3 L/min

Remarks:

Tank Pressure ~100 PSI

5 Sec on / 10 Sec OFF / 15 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-D1d-040

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" 4" Other multipurt

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1454 - 1508
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 1510
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1459	0.6	—	6.42	15.17	231	2.70	-161.3	Clear N/A
1502	1.3	—	6.38	14.75	235	2.39	-166.8	clear
1505	2.0	—	6.37	14.66	235	2.00	-168.7	clear
1508	2.7	—	6.37	14.47	236	1.82	-170.2	clear
1510	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity Flow rate - 0.26 L/min

Remarks:

Tank Pressure - 800 PSI

10 sec on / 10 sec off / 20 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-01d-121

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	J. Saul / A. Romey

Casing Diameter: 2" ____ 4" ____ Other multi port

Depth to Water (feet)		Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1519 - 1536
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 1538
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
								Clear
1524	0.8	—	6.58	15.33	562	1.12	-190.1	N/A
1527	1.4	—	6.50	15.01	568	0.83	-192.1	clear
1530	2.1	—	6.48	14.76	569	0.68	-192.7	clear
1533	2.8	—	6.48	14.84	569	0.61	-191.2	clear
1536	3.4	—	6.49	14.74	570	0.56	-190.3	clear
1538	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.32 l/min

Remarks:
Tank pressure - 800 PSI

10 Sec on / 10 Sec OFF / 30 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-01d-161

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/14/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" 4" Other MW Hipcart

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/14/15
Water Column (feet)	N/A	Purge Time (from/to)	1543 – 1402
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/14/15 – 1404
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ±0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1553	0.9	—	7.02	14.06	727	1.30	-187.7	Clear N/A
1556	1.6	—	6.93	13.73	739	0.73	-188.9	clear
1559	2.4	—	6.91	13.60	741	0.55	-188.8	clear
1402	3.1	—	6.91	13.55	741	0.46	-188.7	clear
1404	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate -0.275 l/min

Remarks:

Tank Pressure 700 PSI

15 sec on / 10 sec off / 40 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-01d-194

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	L. Saul / A. Romey

Casing Diameter: 2" 4" Other Multiport

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1613 - 1630
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 1632
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1618	0.9	—	7.17	14.01	738	1.16	-188.8	N/A
1621	1.5	—	7.09	13.86	729	0.66	-191.7	Clear
1624	2.1	—	7.07	13.66	726	0.45	-193.1	Clear
1627	2.8	—	7.06	13.63	726	0.41	-193.4	clear
1630	3.8	—	7.06	13.61	725	0.37	-193.6	Clear
1632	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow rate - 0.275 l/min

Remarks:

Tank Pressure - 600 PSI

12 Sec on / 8 sec off / 50 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-Ø1d-224

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	T. Saul / A. Romey

Casing Diameter: 2" 4" Other multi port

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1642 - 1654
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 1701
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1647	0.9	—	7.27	13.55	697	1.15	-191.1	Cloudy N/A
1650	1.7	—	7.20	13.38	694	0.70	-192.2	Clear
1653	2.5	—	7.17	13.23	694	0.51	-194.0	Clear
1656	3.3	—	7.17	13.20	694	0.43	-194.8	clear
1659	4.1	—	7.17	13.15	694	0.39	-195.2	Clear
1701	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/15
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.31 l/min

Remarks:

Tank Pressure - 500 psi

12 sec on / 10 sec off / 65 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-03S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	(I. Saul / A. Romey)

Casing Diameter: (2") 4" Other

Depth to Water (feet)	Dry / water level below top of pump	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1415 - 1429
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/4/15 - 1431

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1420	1.4	—	6.72	15.53	128	8.72	-119.2	Clear N/A
1423	2.3	—	6.71	15.26	130	7.81	-118.1	clear
1426	3.2	—	6.71	15.14	133	7.94	-117.7	clear
1429	4.0	—	6.71	15.11	137	7.87	-117.2	clear
1431	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.31 l/min

Remarks:

Tank Pressure - 900 PSI

4 Sec on / 16 Sec off / 20 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-03d-100

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	L. Saul / A. Romey

Casing Diameter: 2" 4" Other multiport

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1335 - 1350
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 1352
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1340	1.3	—	6.48	14.14	423	1.36	-175.4	clear N/A
1343	2.6	—	6.46	13.81	426	1.05	-177.5	clear
1347	3.5	—	6.46	13.84	427	0.96	-179.8	clear
1350	4.6	—	6.46	13.70	428	0.88	-180.2	clear
1352	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow rate - 0.35 L/min

Remarks:

Compressor

9 Sec on / 11 Sec off / 40 PSI

Signature

111

Parametrix, Inc.

Well/Sample #: CM-MW-03d-141

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" 4" Other MW Hipcert

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1313 - 1327
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 1329
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1318	1.4	—	6.58	14.11	676	1.22	-188.5	Clear N/A
1321	2.4	—	6.54	13.98	678	0.85	-186.0	clear
1324	3.4	—	6.53	13.80	678	0.74	-186.5	clear
1327	4.4	—	6.53	13.74	678	0.69	-186.6	Clear
1329	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.35 L/min

Remarks:

Compressor

9 Sec on / 11 Sec OFF / 55 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-03d-181

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	K. Saup / A. Romey

Casing Diameter: 2" ____ 4" ____ Other multi-port

Depth to Water (feet)	—	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1249 - 1303
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/4/15 - 1305

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ±0.1	Temp. (°C)	EC (µS) ±3%	DO (mg/L) ±10%	Redox (mV) ±10	Turb. (visual)
1254	1.3	—	7.08	14.27	602	1.40	-176.4	N/A
1257	2.2	—	7.01	14.09	601	0.93	-185.8	clear
1300	3.1	—	7.00	13.95	599	0.81	-188.1	clear
1303	4.0	—	6.99	13.88	597	0.68	-189.2	clear
1305	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.32 L/min

Remarks:

Compressor

9 Sec on / 11 Sec OFF / 75 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-23d-227

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Sauly A. Romey

Casing Diameter: (2) 4" Other multipoint

Depth to Water (feet)		Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1225 - 1240
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 1242
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1231	1.2	—	7.21	14.48	693	3.14	-178.4	clear N/A
1234	2.0	—	7.17	14.26	687	7.11	-185.1	clear
1237	2.8	—	7.16	14.16	687	0.91	-185.9	clear
1240	3.6	—	7.17	14.13	687	0.77	-185.7	clear
1242	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.280 L/min

Remarks:

Compressor

9 sec on / 11 sec OFF / 65 psi

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-22S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.37	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1715 - 1732
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 1734
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1720	1.1	19.39	6.47	14.48	245	2.91	-175.2	Clear N/A
1723	1.9	19.39	6.45	14.04	248	2.08	-176.1	clear
1726	2.7	19.39	6.45	13.94	249	1.85	-175.2	clear
1729	3.6	19.39	6.45	13.85	249	1.69	-174.3	clear
1732	4.5	19.40	6.45	13.80	249	1.60	-172.9	clear
1734	Sample							

Purge Equipment: Dedicated Bladder Pump Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow rate - 0.28

Remarks:

Tank Pressure - 200 PSI

8 sec. on / 7 sec. off / 20 PSI

Signature

111

Parametrix, Inc.

Well/Sample #: CM-VE-09

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	(I. Saul) A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	18.80	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)	[redacted]	Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1113 - 1127
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 1129
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ±0.1	Temp. (°C)	EC (µS) ±3%	DO (mg/L) ±10%	Redox (mV) ±10	Turb. (visual)
1118	0.5	18.89	6.62	15.39	252	6.06	-107.2	clear N/A
1121	1.1	18.89	6.59	15.24	254	5.89	-107.9	clear
1124	1.7	18.89	6.59	15.16	256	5.80	-108.2	clear
1127	2.3	18.89	6.58	15.11	256	5.70	-108.2	clear
1129	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Cadet warehouse / Flow rate - 0.2 L/min

Remarks:

Tank pressure - 90 PSI

4 Sec. on / 6 Sec OFF / 15 PSI

Signature

1 of 1

Parametrix, Inc.

Well/Sample #: CM-VE-10

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	18.88	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1044 - 1058
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 1100
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ±0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ±10	Turb. (visual)
								clear
1049	0.6	18.86	6.71	15.08	238	5.58	-112.0	N/A
1052	1.1	18.86	6.67	14.93	239	5.87	-110.1	clear
1055	1.7	18.86	6.65	14.85	241	5.91	-109.3	clear
1058	2.3	18.86	6.64	14.81	242	5.87	-109.2	clear
1100	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Cadet Warehouse / Flow rate - 0.21 l/min

Remarks:
Tank pressure - 1000 PSI
4 sec on / 6 sec off / 15 PSI

Signature:

1 of 1

Parametrix, Inc.

Well/Sample #: CM-VE-11

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	(I. Saul) / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	19.04	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	0902 - 0916
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 0919
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
0907	0.5	19.01	6.68	15.25	235	5.43	-113.8	Clear N/A
0910	1.1	19.00	6.63	15.17	234	6.00	-107.0	clear
0913	1.7	18.99	6.61	15.10	234	6.61	-104.5	clear
0916	2.3	18.98	6.60	15.08	234	6.60	-103.0	clear
0919	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Cadet warehouse — Flow rate - 0.2 l/min

Remarks:
Tank PRESSUR - 1100 PSI
4 sec on / 6 sec off / 15 PSI

Signature

NH1

Parametrix, Inc.

Well/Sample #: CM-VE-12

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	18.76	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	1014 - 1027
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 1029
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1018	0.5	18.74	6.84	14.96	245	4.56	-129.1	flow N/A
1021	1.3	18.73	6.85	14.67	247	3.42	-129.3	clear
1024	1.9	18.73	6.79	14.68	247	3.55	-124.0	clear
1027	2.6	18.72	6.83	14.59	247	3.18	-128.8	clear
1029	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Cadet warehouse / flow rate - @ 0.275 l/m

Remarks:

Tank Pressure - 1000 PSI

4 Sec. on / 6 Sec. off / 20 PSI

Signature

IN47

Parametrix, Inc.

Well/Sample #: CM-MW-17

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/4/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	18.98	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/4/15
Water Column (feet)	N/A	Purge Time (from/to)	0940 - 0956
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/4/15 - 0958
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ±0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ±10	Turb. (visual)
0947	0.5	18.89	5.99	14.27	311	3.36	-116.4	clear N/A
0950	1.1	18.91	5.98	13.69	313	3.36	-115.2	clear
0953	1.8	18.89	5.99	13.43	315	3.30	-114.2	clear
0956	2.5	18.88	5.99	13.33	315	3.12	-114.4	clear
0958	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	9/8/16
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Cadet Ware House / Flow rate - 0.33 L/min

Remarks:
Tank Pressure - 1100
11 sec on / 9 sec off / 50 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-23s

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	(I. Saul) / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	30.20	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/9/15
Water Column (feet)	N/A	Purge Time (from/to)	0909 - 1920
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/9/15 - 0923
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
0914	1L	30.21	6.44	14.66	249	6.57	-128.2	cloudy N/A
0917	2L	30.20	6.44	14.27	244	6.27	-126.0	clear
0920	3.1L	30.20	6.45	14.12	243	6.19	-124.4	clear
0923	Sample							clear

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow rate - 0.34 L/min

Remarks:

Compressor

7 Sec on / 13 Sec OFF / 20 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-23i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	(Saul) A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	29.90	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/9/15
Water Column (feet)	N/A	Purge Time (from/to)	0949 - 1006
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/9/15 - 1008
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
0954	1.4	29.90	7.11	13.88	490	0.83	-230.4	clear N/A
0957	2.6	29.90	7.10	13.57	489	0.66	-232.5	clear
1000	3.8	29.90	7.10	13.50	489	0.59	-233.3	clear
1003	4.8	29.90	7.10	13.44	489	0.64	-234.3	clear
1006	5.6	29.91	7.11	13.42	489	0.69	-234.3	clear
1008	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.355 l/min

Remarks:

Tank Pressure - 2000 PSI

cycle 8 sec on / 12 sec off / 40 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-02d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	23.18	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/10/15
Water Column (feet)	N/A	Purge Time (from/to)	1634 - 1657
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/10/15 - 1653

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ±0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ±10	Turb. (visual)
1639	1.3	23.13	7.10	14.79	649	1.11	-278.3	Clear N/A
1642	2.3	23.13	7.12	14.52	639	0.84	-279.5	clear
1645	3.3	23.13	7.14	14.41	631	0.69	-279.0	clear
1648	4.3	23.13	7.14	14.30	628	0.62	-278.3	clear
1657	5.3	23.13	7.13	14.25	627	0.56	-276.7	clear
1653	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity / Remarks: Flow rate ~ 0.35 l/min
Tank pressure ~ 1700 PSI
7 sec on / 13 sec. off / 40 PSI

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-20s

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	(J. Saul) / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	Dry water level below top of pump.	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/10/15
Water Column (feet)	N/A	Purge Time (from/to)	—
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/10/15

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1525 - Water below Bottom of pump. DRY								N/A

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Tank Pressure - 2000 PSI.

Water below Bottom of pump. No water pumped.

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-20

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	30.04	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/10/15
Water Column (feet)	N/A	Purge Time (from/to)	1537 - 1554
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/10/15 - 1556

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1542	1.3	30.05	7.17	14.88	486	1.37	-294.2	~~N/A~~ Clear
1545	2.3	30.05	7.25	14.39	488	0.99	-295.8	clear
1548	3.3	30.04	7.29	14.17	488	0.62	-296.1	clear
1551	4.3	30.04	7.32	14.12	489	0.73	-295.5	clear
1554	5.3	30.04	7.34	13.99	488	0.65	-295.2	clear
1556	Sample							

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Flow rate - 0.35 L/min Collected MS/MSD & Field Dup

Tank Pressure - 2000 PSI

2 Sec. on / 13 Sec. off / 50 PSI FD-CM-091015 @ 1200

Signature

Parametrix, Inc.

Well/Sample #: CM-DPW-01

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" 4" Other 1"

Depth to Water (feet)	19.51	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/10/15
Water Column (feet)	N/A	Purge Time (from/to)	1749 - 1809
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/10/15-1811

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 0.3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1754	1.1	—	6.48	15.84	216	4.85	-141.2	N/A Clear
1757	2.3	—	6.55	15.26	197	4.93	-137.0	clear
1800	3.5	—	6.56	15.22	196	4.56	-136.2	clear
1803	4.7	—	6.57	15.16	198	3.82	-135.9	clear
1806	5.9	—	6.58	15.04	195	3.46	-135.8	clear
1809	7.1	—	6.58	15.17	199	3.10	-134.9	clear
1811	Sample							

Purge Equipment ~~Dedicated Bladder~~ Peristaltic Pump — Sampling Equipment ~~Dedicated Bladder~~ peristaltic Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks: Flow rate - 0.40 l/min

Signature

Parametrix, Inc.

Well/Sample #: CM-DPW-10

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" ____ 4" ____ Other 1"

Depth to Water (feet)	19.02	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/10/15
Water Column (feet)	N/A	Purge Time (from/to)	1720 - 1734
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/10/15 - 1736

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1725	0.3	—	6.53	18.23	299	3.41	-160.9	~~clear~~ N/A
1728	1.1	—	6.53	16.78	294	3.41	-161.6	clear
1731	2.1	—	6.54	16.31	293	3.35	-160.3	clear
1734	3.1	—	6.54	15.99	293	3.33	-158.7	clear
1736	Sample							

Purge Equipment ~~Dedicated Bladder~~ Peristaltic Pump — Sampling Equipment ~~Dedicated Bladder~~ Peristaltic Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Flow Rate - 0.335 L/min

Remarks:

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-27USA-049.5

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/22/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" 4" Other

Depth to Water (feet)	~	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/22/15
Water Column (feet)	N/A	Purge Time (from/to)	1450 - 1510
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/22/15 1515

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
~~1447~~								N/A
1458	1.6	–	6.92	14.73	254	10.21	-29.7	sl. turb.
1501	2.2	–	6.95	15.33	254	9.76	-28.2	sl turb
1504	2.8	–	6.96	15.77	254	9.56	-29.1	sl. turb
1507	3.4	–	6.88	16.93	255	9.63	-24.8	sl. turb
1510	4.0	–	6.87	17.22	256	9.29	-19.9	sl. turb

Purge Equipment Dedicated ~~Bladder Pump~~ DV Sampling Equipment Dedicated ~~Bladder Pump~~ DV

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge RATE ~ 200ml/min

Signature

Parametrix, Inc.

Well/Sample #: LM-MW-065

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/23/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" ____ 4" ____ Other ____

Depth to Water (feet)	26.82	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/23/15
Water Column (feet)	N/A	Purge Time (from/to)	0929 - 0940
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/23/15 0945
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0934	1.5	26.82	6.56	14.50	285	6.61	-87.3	N/A
0937	2.4	26.82	6.55	14.32	284	6.58	-87.4	cl
0940	3.3	26.82	6.56	14.29	284	6.56	-87.1	cl
~~0943~~	~~4.7~~							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity:

Remarks:

Purge Rate 300ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-25S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/23/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" 4" Other

Depth to Water (feet)	25.05	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/23/15
Water Column (feet)	N/A	Purge Time (from/to)	0959 - 1025
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/23/15 1030
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1004	1.7	25.05	6.44	13.49	304	6.59	96.5	N/A
1007	2.7	25.05	6.45	13.41	304	6.42	76.4	cl
1010	3.7	25.05	6.45	13.40	304	6.30	60.7	cl
1013	4.8	25.05	6.45	13.41	304	6.24	48.8	cl
1016	5.8	25.05	6.45	13.41	304	6.23	40.7	cl
1019	6.8	25.05	6.45	13.42	304	6.14	34.4	cl
1022	7.9	25.05	6.45	13.45	304	6.14	30.5	cl
1025	8.9	25.05	6.45	13.42	304	6.12	26.0	cl

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge Rate 340 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-29USA-060.5

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/23/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" 4" Other

Depth to Water (feet)		Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/23/15
Water Column (feet)	N/A	Purge Time (from/to)	1133 – 1158
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/23/15 1200

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1138	1.0	–	6.55	15.25	200	6.60	-20.9	N/A
1141	1.6	–	6.56	15.42	199	6.29	-20.9	cl
1144	2.2	–	6.55	15.66	202	5.33	-21.7	cl
1147	2.8	–	6.55	15.30	203	5.61	-22.1	cl
1150	3.4	–	6.72	14.87	200	8.61	-19.3	cl
1153	4.0	–	6.56	14.77	199	7.89	-24.6	cl
1158	4.6	–	6.54	14.78	201	7.24	-25.2	cl

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge rate 200 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-24USA-100

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/23/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" ____ 4" ____ Other ____

Depth to Water (feet)		Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/23/15
Water Column (feet)	N/A	Purge Time (from/to)	1203 - 1217
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/23/15 1220

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1208	1.6	–	6.70	14.37	318	5.08	-54.6	N/A
1211	2.6	–	6.70	14.40	318	4.93	-55.4	cl
1214	3.4	–	6.70	14.39	318	4.77	-57.2	cl
1217	4.3	–	6.70	14.39	318	4.64	-58.1	cl

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge Rate 320 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-29USA-1405

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/23/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" ____ 4" ____ Other ____

Depth to Water (feet)		Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	
Water Column (feet)	N/A	Purge Time (from/to)	1221-1235
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	1240

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1226	1.0	—	7.02	14.84	449	2.03	-199.3	N/A
1229	1.6	—	7.12	14.76	468	0.90	-268.0	cl
~~1232~~	2.2	—	7.10	14.75	468	0.79	-269.0	cl
1235	2.8	—	7.11	14.73	465	0.75	-267.7	cl

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge Rate 200ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-29TGA

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/23/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	42.87	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/23/15
Water Column (feet)	N/A	Purge Time (from/to)	1245 - 1259
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/23/15 1305

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1250	2.0	42.87	7.53	14.03	484	1.86	-220.1	N/A
1253	3.2	42.87	7.49	13.90	507	0.91	-222.0	cl
1256	4.4	42.87	7.47	13.73	511	0.73	-221.8	cl
1259	6.6	42.87	7.48	13.71	511	0.67	-222.4	cl

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks:

Purge Rate 400 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-07S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/23/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" 4" Other

Depth to Water (feet)	38.45	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/23/15
Water Column (feet)	N/A	Purge Time (from/to)	1440 - 1503
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/23/15 1508
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1445	1.4	38.45	6.69	14.41	230	5.45	-60.6	N/A
1448	2.2	38.45	6.69	14.29	230	4.75	-59.5	cl
1451	3.0	38.45	6.70	14.57	230	4.05	-56.2	cl
1454	3.8	38.45	6.70	14.24	230	3.65	-54.1	cl
1457	4.6	38.45	6.70	14.47	230	3.41	-52.1	cl
1500	5.4	38.45	6.70	14.47	230	3.24	-50.7	cl
1503	6.2	38.45	6.70	14.36	230	3.14	-49.7	cl
~~1506~~								~~cl~~

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge rate 280 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-07

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/23/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" ____ 4" ____ Other ____

Depth to Water (feet)	38.99	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/23/15
Water Column (feet)	N/A	Purge Time (from/to)	1509 - 1526
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/23/15 1530

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1514	1.0	38.99	7.09	15.40	377	2.18	-145.0	N/A
1517	1.6	38.99	6.76	14.83	386	1.30	-141.0	cl
1520	2.2	38.99	6.70	14.70	372	1.91	-98.3	cl
1523	2.8	38.99	6.70	14.85	370	2.14	-92.5	cl
1526	3.4	38.99	6.70	14.75	369	2.19	-91.6	cl

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge rate = 200 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-15S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/25/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" ____ 4" ____ Other ____

Depth to Water (feet)	17.60	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/25/15
Water Column (feet)	N/A	Purge Time (from/to)	1115 - ~~1130~~ 1129
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	1135

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1120	1.3	17.60	6.54	13.77	213	3.66	-100.5	N/A
1123	2.0	17.60	6.51	13.60	234	3.55	-83.5	cl
1126	2.8	17.60	6.51	13.52	236	3.60	-81.7	cl
1129	3.5	17.60	6.51	13.47	236	3.57	-81.6	cl

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks:

Purge RATE 260ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-DPW-16

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/24/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" ____ 4" ____ Other ____

Depth to Water (feet)	18.99	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	
Water Column (feet)	N/A	Purge Time (from/to)	1045 - 1059
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	1105

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
~~1050~~	1.3	19.03	6.49	14.83	324	3.90	-57.0	N/A
1053 ~~1045~~	2.0	19.03	6.46	14.78	333	3.22	-75.2	cl
1056 ~~1049~~	2.8	19.03	6.46	14.71	335	3.05	-79.8	cl
1059	3.5	19.03	6.46	14.66	335	3.03	-81.9	cl

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

PURGE RATE 200 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-DPW-06

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/25/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" ____ 4" ____ Other ____

Depth to Water (feet)		Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	
Water Column (feet)	N/A	Purge Time (from/to)	1015 - 1029
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	1035

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1020	1.0	19.07	6.50	15.04	280	5.66	-33.9	N/A
1023	1.6	19.04	6.49	15.55	284	5.25	-36.7	cl
1026	2.2	19.04	6.49	15.47	289	5.11	-41.4	cl
1029	2.8	19.04	6.49	15.30	289	5.01	-45.5	cl

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge Rate 200 ml/min

Signature

Parametrix, Inc.

Well/Sample #: CM-MW-01

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/25/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: 2" 4" Other

Depth to Water (feet)	19.35	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/25/15
Water Column (feet)	N/A	Purge Time (from/to)	0936-0956
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/25/15 1000
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
0941	1.3	19.35	6.96	14.03	300	2.95	-186.7	N/A
0944	2.0	19.35	6.69	13.89	345	1.26	-215.4	cl
0947	2.8	19.35	6.68	13.83	344	0.97	-226.6	cl
0950	3.5	19.35	6.68	13.82	343	1.010	-233.6	cl
0953	4.2	19.35	6.67	13.81	341	1.20	-237.6	cl
0956	4.9	19.35	6.67	13.79	340	1.23	-239.2	cl

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge RATE 200 ml/min

Signature

Parametrix, Inc.

Well/Sample #: MW-15

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.65	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1553 - 1616
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/3/15 1620

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1558	1.4	26.69	7.96	13.96	248	2.08	-199.8	N/A
1601	2.3	26.71	8.11	13.59	249	1.06	-213.9	cl
1604	3.1	26.75	8.19	13.41	250	0.76	-217.7	cl
1607	4.0	26.77	8.18	13.37	251	0.60	-206.3	cl
1610	4.8	26.78	8.16	13.27	252	0.53	-197.8	cl
1613	5.7	26.79	8.14	13.24	252	0.46	-193.4	cl
1616	6.5	26.80	8.13	13.20	252	0.43	-189.2	cl

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity
Remarks:

purge rate ~ 0.28 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-089

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	28.65	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1500 - 1514
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/3/15 1517

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1505	1.5	28.68	6.61	14.39	306	10.17	129.4	N/A
1508	2.4	28.65	6.59	14.32	306	9.75	133.4	cl
1511	3.3	28.65	6.58	14.27	306	9.61	135.9	cl
1514	4.2	28.65	6.57	14.20	306	9.47	138.4	

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge Rate ~ 0.30 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-16

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	32.50	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1412 - 1426
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/3/15 1430
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1417	1.5	32.50	6.51	13.53	282	10.04	113.6	N/A
1420	2.4	32.50	6.47	13.42	281	9.68	123.1	cl
1423	3.3	32.49	6.45	13.36	281	9.54	129.6	cl
1426	4.2	32.50	6.45	13.36	281	9.45	132.4	cl

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

MS/MSD

Purge Rate 0.30 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-14d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	21.85	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1308 - 1337
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/3/15 1340
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1313	2.0	21.85	8.19	12.78	398	1.48	-223.0	N/A
1316	3.2	21.85	8.17	12.64	456	1.09	-199.8	cl
1319	4.4	21.87	8.03	12.55	454	0.91	-175.8	cl
1322	5.6	21.87	7.99	12.58	463	0.81	-155.0	cl
1325	6.8	21.88	7.92	12.46	468	0.65	-135.8	cl
1328	8.0	21.89	7.95	12.32	468	0.58	-116.3	cl
1331	9.2	21.89	7.89	12.22	467	0.51	-106.1	cl
1334	10.4	21.90	7.85	12.23	467	0.47	-99.0	cl
1337	11.6	21.91	7.88	12.18	466	0.45	-96.9	cl

Purge Equipment	Dedicated Bladder Pump	Sampling Equipment	Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	POV-FD-090315
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge RATE ~ 0.40 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-E

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.04	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	
Water Column (feet)	N/A	Purge Time (from/to)	1138 - 1149
1 Purge Volume (gals)	N/A	Date/Time Sampled	9/3/15 1155
3 Pure Volumes (gals)	N/A		

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1143	1.5	26.20	6.31	14.33	553	0.62	124.6	N/A
1146	2.4	26.20	6.31	14.24	554	0.47	128.3	cl
1149	3.3	26.19	6.30	14.28	553	0.39	1305	cl

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks: Broken air fitting

purge rate ~0.30 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-31i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/3/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.19	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/3/15
Water Column (feet)	N/A	Purge Time (from/to)	1102 - 1122
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/13/15 1125

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1107	1.8							N/A
1110	2.9	26.24	7.00	12.92	170	6.35	157.0	cl
1113	4.0	26.24	6.94	12.75	171	6.10	174.7	cl
1116	5.1	26.24	6.95	12.76	170	6.04	157.3	cl
1119	6.1	26.25	6.96	12.73	169	6.00	150.1	cl
1122	7.2	26.25	6.94	12.75	170	5.97	147.6	cl

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: Good

Remarks:

PURGE RATE 0.36 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-32i

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	29.95	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1556 – 1613
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/2/15 1618

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1601	1.5	29.98	6.84	14.43	261	5.67	158.0	N/A
1604	2.4	29.97	6.82	14.10	281	3.81	148.7	cl.
1607	3.3	29.98	6.83	14.06	283	3.51	146.2	cl
1610	4.2	29.99	6.83	14.01	285	3.36	143.3	cl
1613	5.1	29.99	6.82	13.96	285	3.28	142.5	cl

Purge Equipment: Dedicated Bladder Pump Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity Remarks:

PURGE RATE ≈ 0.30 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-32S

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 ~~Q3~~
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	29.05	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1518 - 1535
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/2/15 1625 ~~1515~~

11.5 ~~1525~~

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1523	1.2	29.37	6.43	15.62	427	2.76	178.2	N/A
1526	1.9	29.75	6.40	15.43	427	3.01	166.6	cl.
1529	2.7	30.00	6.41	15.42	428	2.94	160.2	cl
1532	3.4	30.31	6.43	15.25	430	2.10	153.6	cl
1535	4.2	2ft above top of pump	6.44	15.35	432	1.51	148.7	cl
TURNING off pump - will allow for recovery then sample								
SAMPLED @ 1625 - WL never came back above pump - NO apparent recovery								

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity: OK

Remarks:

Purge Rate ~~0.22~~ 0.24 L/min

SAMPLE LIKELY NOT REPRESENTATIVE - NO RECOVERY

Signature

Parametrix, Inc.

Well/Sample #: MW-33

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.45	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1316 - 1339
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/2/15 1342

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1321	1.7	26.47	6.15	13.28	206	7.79	193.4	N/A
1324	2.7	26.47	5.90	13.03	189	7.28	191.8	cl
1327	3.7	26.48	6.19	12.91	186	7.13	177.6	cl
1330	4.8	26.48	6.39	12.88	185	7.05	165.7	cl
1333	5.8	26.49	6.53	12.88	185	7.03	160.2	cl
1336	6.8	26.49	6.57	12.86	185	7.01	157.3	cl
1339	7.9	26.49	6.59	12.88	185	6.99	155.4	cl

Purge Equipment: Dedicated Bladder Pump Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks:

Purge Rate 0.34 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-33s

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/2/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	26.62	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/2/15
Water Column (feet)	N/A	Purge Time (from/to)	1257 - 1308
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/2/15 1310

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb.. (visual)
1302	1.7	26.63	6.07	15.03	235	10.35	182.3	N/A
1305	2.7	26.63	6.10	14.86	235	10.25	176.2	sl. Turbid
1308	3.7	26.63	6.12	14.84	235	~~10.05~~ 10.06	173.9	sl. Turbid

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity

Remarks: CRACKED AIR INLET - PARTIALLY FUNCTIONAL

Purge RATE 0.34 L/min

Signature

Parametrix, Inc.

Well/Sample #: MW-01d

Groundwater Sampling Field Data Sheet

Project Number	2751940006	Date	9/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul / A. Romey

Casing Diameter: (2") 4" Other

Depth to Water (feet)	22.91	Purge Volume Measurement Method	2L cylinder
Depth of Well (feet)		Date Purged	9/9/15
Water Column (feet)	N/A	Purge Time (from/to)	1044 - 1103
1 Purge Volume (gals)	N/A		
3 Pure Volumes (gals)	N/A	Date/Time Sampled	9/9/15 - 1105

Time (2400 hr)	Cumulative Volume (L)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1048	0.9	22.92	8.18	14.22	668	4.28	[illegible]	clear N/A
1051	1.9	22.92	8.19	13.29	665	1.87	-255.0	clear
1054	3.0	22.92	7.82	12.93	687	0.78	-244.2	clear
1057	4.0	22.93	7.71	12.82	693	0.52	-240.3	clear
1100	5.0	22.93	7.70	12.80	694	0.44	-239.8	clear
1103	6.0	22.93	7.70	12.79	694	0.39	-239.7	clear
1105	Sample							

Purge Equipment: Dedicated Bladder Pump — Sampling Equipment: Dedicated Bladder Pump

Laboratory	Apex	Date Sent to Lab	
Chain-of-Custody (yes/no)	yes	Field QC Sample Number	
Shipment Method	Courier	Split with (name(s)/organization)	N/A

Well Integrity / Remarks: Flow Rate. 0.13 L/min

Compressor

7 Sec on / 13 Sec off / 35 PSI

Signature

Parametrix, Inc.

Well/Sample #: MW-055

Groundwater Sampling Field Data Sheet

Project Number	275-1940-006	Date	9/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	L. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	water level below Top of pump - Dry	Purge Volume Measurement Method	~~5 g bucket~~ Graduated Cylinder
Depth of Well (feet)		Date Purged	9/9/15
Water Column (feet)	—	Purge Time (from/to)	1157 - 1209
1 Purge Volume (gals)	—		
3 Pure Volumes (gals)	—	Date/Time Sampled	9/9/15 - 1211

Time (2400 hr)	Cumulative Volume (gal)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1203	0.9	—	6.58	16.16	336	7.93	-167.6	clear
1206	1.4	—	6.58	15.89	338	7.84	-165.8	clear
1209	2.0	—	6.58	15.70	340	7.83	-163.8	clear
1211	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated tubing

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity: Flow Rate - 0.23 l/min

Remarks:

Compressor.

7 sec on / 13 sec off / 20 PSI

Signature

Parametrix, Inc.

Well/Sample #: MW-05

Groundwater Sampling Field Data Sheet

Project Number	275-1940-006	Date	9/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: 2" (4") Other ____

Depth to Water (feet)	25.97	Purge Volume Measurement Method	~~Graduated 5 g bucket~~ Cylinder
Depth of Well (feet)		Date Purged	9/9/15
Water Column (feet)	—	Purge Time (from/to)	1227 - 1246
1 Purge Volume (gals)	—		
3 Pure Volumes (gals)	—	Date/Time Sampled	9/~~8~~9/15 - 1248

Time (2400 hr)	Cumulative Volume (gal)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ±10	Turb. (visual)
1231	0.7	26.10	7.53	16.01	685	2.60	-228.6	clear
1234	1.5	26.05	7.58	15.00	6.80	1.23	-235.7	clear
1237	2.5	26.04	7.58	14.56	675	0.68	-239.1	clear
1240	3.3	26.04	7.57	14.48	673	0.53	-239.7	clear
1243	4.2	26.04	7.56	14.31	672	0.46	-239.0	clear
1246	5.2	26.04	7.55	14.31	671	0.44	-239.5	clear
1248	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated tubing

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity: flow rate - 0.325 l/min

Remarks:
compressor.
8 sec on / 12 sec off / 30 PSI.

Signature

11

Parametrix, Inc.

Well/Sample #: MW-05dR

Groundwater Sampling Field Data Sheet

Project Number	275-1940-006	Date	9/9/15
Project Name	Port of Vancouver - TLE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: 2" (4") Other

Depth to Water (feet)	25.22	Purge Volume Measurement Method	5-g bucket
Depth of Well (feet)		Date Purged	9/9/15
Water Column (feet)	—	Purge Time (from/to)	1304 - 1320
1 Purge Volume (gals)	—		
3 Pure Volumes (gals)	—	Date/Time Sampled	9/9/15 - 1322

Time (2400 hr)	Cumulative Volume (gal)	Depth to Water (feet)	pH (units) ±0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1308	1.2	25.32	7.61	15.10	575	3.70	-236.2	clear
1311	2.2	25.29	7.59	14.47	595	1.34	-245.0	clear
1314	3.2	25.29	7.58	14.27	617	0.73	-244.7	clear
1317	4.3	25.28	7.55	14.19	624	0.55	-243.3	clear
1320	5.3	25.28	7.55	14.19	625	0.47	-242.5	clear
1322	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated tubing

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity: Flow Rate - 0.355 l/min

Remarks:

Compressor

7 sec on / 13 sec off / 35 PSI

Signature

Parametrix, Inc.

Well/Sample #: MW-12d

Groundwater Sampling Field Data Sheet

Project Number	275-1940-006	Date	9/9/15
Project Name	Port of Vancouver-TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saenz

Casing Diameter: (2") 4" Other

Depth to Water (feet)	28.60	Purge Volume Measurement Method	5-g bucket
Depth of Well (feet)		Date Purged	9/9/15
Water Column (feet)		Purge Time (from/to)	1503 - 1519
1 Purge Volume (gals)			
3 Pure Volumes (gals)		Date/Time Sampled	9/9/15 - 1521

Time (2400 hr)	Cumulative Volume (gal)	Depth to Water (feet)	pH (units) ±0.1	Temp. (°C)	EC (µS) ±3%	DO (mg/L) ±10%	Redox (mV) ±10	Turb. (visual)
1507	0.7	28.60	7.08	16.30	545	2.97	-249.5	clear
1510	1.6	28.58	7.19	14.71	542	1.33	-258.0	clear
1513	2.6	28.57	7.13	14.20	545	0.82	-252.3	clear
1516	3.4	28.56	7.06	13.99	549	0.71	-247.4	clear
1519	4.3	28.55	7.04	13.91	555	0.66	-243.4	clear
1521	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated tubing

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity: flow rate. - 0.325 l/min

Remarks:

Compressor

8 sec on / 12 sec off / 30 PSI

Signature

Parametrix, Inc.

Well/Sample #: MW-30i

Groundwater Sampling Field Data Sheet

Project Number	275-1940-006	Date	9/9/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I Sears

Casing Diameter: (2") 4" Other

Depth to Water (feet)	25.57	Purge Volume Measurement Method	5-g bucket
Depth of Well (feet)		Date Purged	9/9/15
Water Column (feet)	—	Purge Time (from/to)	1700 - 1717
1 Purge Volume (gals)	—		
3 Pure Volumes (gals)	—	Date/Time Sampled	9/9/15 - 1719

Time (2400 hr)	Cumulative Volume (gal)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1705	1.0	25.55	6.96	15.66	143	2.99	-169.7	Cloudy
1708	1.9	25.56	7.00	14.77	150	2.74	-158.4	cloudy
1711	2.8	25.56	6.99	14.40	153	2.67	-149.5	clear
1714	3.6	25.56	7.02	14.16	153	2.72	-147.0	clear
1717	4.5	25.56	7.03	14.06	154	2.77	-141.5	clear
1719	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated tubing

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity: Flow Rate - 0.3 l/min

Remarks:

Compressor

8 Sec. on / 12 Sec. off / 35 PSI

Signature

Parametrix, Inc.

Well/Sample #: MW-37i

Groundwater Sampling Field Data Sheet

Project Number	275-1940-006	Date	9/9/15
Project Name	Port of Vancouver-TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	L. Saul

Casing Diameter: 2" 4" Other

Depth to Water (feet)	29.88	Purge Volume Measurement Method	5-g bucket
Depth of Well (feet)		Date Purged	9/9/15
Water Column (feet)	—	Purge Time (from/to)	1557-1618
1 Purge Volume (gals)	—		
3 Pure Volumes (gals)	—	Date/Time Sampled	9/9/15 1620

Time (2400 hr)	Cumulative Volume (gal)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1603	0.6	29.84	7.44	16.33	318	4.48	-215.8	clear
1606	1.6	29.84	7.52	15.29	318	2.37	-227.9	clear
1609	2.6	29.85	7.60	14.87	319	1.33	-232.5	clear
1612	3.7	29.85	7.62	14.75	319	0.93	-233.7	clear
1615	4.7	29.85	7.62	14.68	318	0.84	-232.8	clear
1618	5.8	29.85	7.60	14.70	316	0.79	-233.0	clear
1620	Sample							

Purge Equipment	Dedicated Bladder pump	Sampling Equipment	Dedicated tubing

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity: flow rate - 0.35 l/min

Remarks:

Compression

7 sec on / 13 sec off / 65 PSI

Signature

Parametrix, Inc.

Well/Sample #: VMW-08

Groundwater Sampling Field Data Sheet

Project Number	275-1940-006	Date	9/9/15
Project Name	Port of Vancouver TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	I. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	24.53	Purge Volume Measurement Method	Graduated ~~5 g bucket~~ ~~Oyster~~
Depth of Well (feet)		Date Purged	9/9/15
Water Column (feet)	—	Purge Time (from/to)	1416 - —
1 Purge Volume (gals)	—		
3 Pure Volumes (gals)	—	Date/Time Sampled	9/9/15 - —

Time (2400 hr)	Cumulative Volume (gal)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
1419	Emptied well w/ no recharge							
	No Sample collected							

Purge Equipment ~~Dedicated Bladder~~ Peristaltic pump

Sampling Equipment ~~Dedicated tubing~~ Peristaltic pump To bag

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity

Remarks:

Signature

Parametrix, Inc.

Well/Sample #: VMW-09

Groundwater Sampling Field Data Sheet

Project Number	275-1940-006	Date	9/9/15
Project Name	Port of Vancouver-TCE	Event	2015
Client Name	Port of Vancouver	Sampled by	L. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	25.45	Purge Volume Measurement Method	Graduated ~~5 g bucket~~ & tape
Depth of Well (feet)		Date Purged	9/9/15
Water Column (feet)	—	Purge Time (from/to)	1359 - —
1 Purge Volume (gals)	—		
3 Pure Volumes (gals)	—	Date/Time Sampled	9/9/15 —

Time (2400 hr)	Cumulative Volume (gal)	Depth to Water (feet)	pH (units)	Temp. (°C)	EC (µS)	DO (mg/L)	Redox (mV)	Turb. (visual)
—								
1404	Empties well w/ No recovery							
	No Sample collected.							

Purge Equipment ~~Dedicated Bladder pump~~ peristaltic Pump

Sampling Equipment ~~Dedicated tubing~~ peristaltic pump

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity
Remarks:

Signature

Parametrix, Inc.

Well/Sample #: MW-18i

Groundwater Sampling Field Data Sheet

Project Number	275-1940-006	Date	9/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	L. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	28.10	Purge Volume Measurement Method	~~5-g bucket~~ Graduated cylinder
Depth of Well (feet)		Date Purged	9/10/15
Water Column (feet)	—	Purge Time (from/to)	1059 - 1113
1 Purge Volume (gals)	=		
3 Pure Volumes (gals)	—	Date/Time Sampled	9/10/15 - 1115

Time (2400 hr)	Cumulative Volume ~~(gal)~~ L	Depth to Water (feet)	pH (units) ±0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ±10	Turb. (visual)
1104	1.5	28.13	7.09	15.59	315	5.20	-172.6	Clear
1107	2.5	28.14	7.06	15.14	313	5.30	-168.6	clear
1110	3.5	28.14	7.05	14.95	313	5.31	-165.6	Clear
1113	4.5	28.14	7.05	14.82	314	5.26	-163.6	Clear
1115	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated tubing

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity: Flow Rate - 0.335

Remarks: ~~Tank Pressure - 1900 PSI~~ / compressor, 7 Sec on / 13 Sec OFF / COPSI

Collect MS/MSD @ FD-POV-091015 0.0060

Signature

Parametrix, Inc.

Well/Sample #: MW-28I

Groundwater Sampling Field Data Sheet

Project Number	275-1940-006	Date	9/10/15
Project Name	Port of Vancouver TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	L. Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	27.04	Purge Volume Measurement Method	5-g bucket
Depth of Well (feet)		Date Purged	9/10/15
Water Column (feet)	—	Purge Time (from/to)	0909 - 0920
1 Purge Volume (gals)	—		
3 Pure Volumes (gals)	—	Date/Time Sampled	9/10/15 - 0922

Time (2400 hr)	Cumulative Volume (gal)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
0914	1.1	27.04	6.95	14.52	246	6.03	-148.2	clear
0917	1.9	27.04	6.94	14.16	259	5.62	-147.2	clear
0920	2.9	27.04	6.95	14.01	263	5.50	-146.6	clear
0922	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated tubing

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity / Remarks: Flow rate - 0.31 L/min leaking air intake valve/fitting Compressor

9 see on / 11 see off / 40 PSI

Signature

Parametrix, Inc.

Well/Sample #: MW-34i

Groundwater Sampling Field Data Sheet

Project Number	275-1940-001	Date	9/10/15
Project Name	Port of Vancouver-TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	kSaul

Casing Diameter: (2") circled 4" Other

Depth to Water (feet)	31.~~33.38~~ 83	Purge Volume Measurement Method	~~5 g bucket~~ Graduated cylinder
Depth of Well (feet)		Date Purged	9/10/15
Water Column (feet)	—	Purge Time (from/to)	0947-1007
1 Purge Volume (gals)	—		
3 Pure Volumes (gals)	—	Date/Time Sampled	9/10/15-1009

Time (2400 hr)	Cumulative Volume (gal)	Depth to Water (feet)	pH (units) ±0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ±10	Turb. (visual)
0952	1.1	31.~~38~~85	7.58	13.44	183	4.77	-193.8	clear
0955	2.1	31.~~39~~86	7.69	13.04	186	2.48	-216.7	clear
0958	3.1	31.~~39~~86	7.71	13.00	186	1.50	-229.2	clear
1001	4.0	31.87	7.74	13.00	187	1.16	-234.9	clear
1004	4.8	31.89	7.75	12.97	186	1.06	-235.4	clear
1007	5.7	31.90	7.75	12.97	188	0.99	-236.3	clear
1009	Sample							

Purge Equipment: Dedicated Bladder pump Sampling Equipment: Dedicated tubing

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity: Flow Rate - 0.335 l/min

Remarks:

Compressor

9 sec on/ 11 sec off/ 55 PSI

Signature

11

Parametrix, Inc.

Well/Sample #: MW-35

Groundwater Sampling Field Data Sheet

Project Number	275-1940-006	Date	9/10/15
Project Name	Port of Vancouver - TCE	Event	2015 - Q3
Client Name	Port of Vancouver	Sampled by	K Saul

Casing Diameter: (2") 4" Other

Depth to Water (feet)	30.61	Purge Volume Measurement Method	Graduated ~~5 g bucket~~ Estimate
Depth of Well (feet)		Date Purged	9/10/15
Water Column (feet)	—	Purge Time (from/to)	1144 - 1201
1 Purge Volume (gals)	—		
3 Pure Volumes (gals)	—	Date/Time Sampled	9/10/15 - 1203

Time (2400 hr)	Cumulative Volume (gal)	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1149	0.8	30.60	7.03	17.68	259	3.72	-169.4	Clear
1152	1.7	30.61	6.98	16.16	279	4.04	-153.4	clear
1155	2.6	30.62	6.96	15.72	289	4.16	-143.8	clear
1158	3.5	30.63	6.96	15.55	293	4.12	-139.6	Clear
1201	4.4	30.63	6.96	15.46	294	3.98	-138.2	Clear
1203	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated tubing

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity: Flow rate - 0.31 l/min

Remarks:

Compressor

8 See on / 12 See off / 60 PSI

Signature

Parametrix, Inc.

Well/Sample #: MW-38I

Groundwater Sampling Field Data Sheet

Project Number	275-1940-006	Date	9/10/15
Project Name	Port of Vancouver - TCE	Event	2015 Q3
Client Name	Port of Vancouver	Sampled by	L-Sand

Casing Diameter: (2") 4" Other

Depth to Water (feet)	40.41	Purge Volume Measurement Method	~~5-g bucket~~ Graduated cylinder
Depth of Well (feet)		Date Purged	9/10/15
Water Column (feet)	—	Purge Time (from/to)	1227 - 1241
1 Purge Volume (gals)	—		
3 Pure Volumes (gals)	—	Date/Time Sampled	9/10/15 ~~1242~~ 1243

Time (2400 hr)	Cumulative Volume ~~(gal)~~ L	Depth to Water (feet)	pH (units) ± 0.1	Temp. (°C)	EC (µS) ± 3%	DO (mg/L) ± 10%	Redox (mV) ± 10	Turb. (visual)
1232	1.4	40.39	7.14	15.71	326	3.35	-150.7	Clear
1235	2.3	40.38	7.15	15.22	326	3.23	-151.6	clear
1238	3.3	40.38	7.15	15.06	326	3.16	-147.2	clear
1241	4.3	40.38	7.16	14.99	325	3.04	-141.6	clear
1243	Sample							

Purge Equipment: Dedicated Bladder pump — Sampling Equipment: Dedicated tubing

Laboratory		Date Sent to Lab	
Chain-of-Custody (yes/no)		Field QC Sample Number	
Shipment Method		Split with (name(s)/organization)	

Well Integrity: Flow rate - 0.35 L/min

Remarks:

Compressor

7 sec on / 13 sec off / 40 PSI

Signature