



Petroleum Hydrocarbon PCOC Data Review, Soil and Groundwater

Submitted to:
Society of Contaminated Sites Approved Professionals of British Columbia

June 2020
SLR Project No.: 205.04020.00000

NOTE TO READER

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EXECUTIVE SUMMARY

"Petroleum Hydrocarbon PCOC Data Review, Soil and Groundwater" prepared by SLR and dated June 10th, 2020

CSAP is providing this document as part of a series to assist practitioners in their use of professional judgement when selecting PCOCs for soils and groundwater relating to releases of gasoline and diesel substances. This builds on work conducted in 2009 ("[Soil Vapour Advice and Practice Guidelines Development - Stage 1](#)" and more recently the "[Potential Contaminants of Concern at Commercial and Industrial Land](#) Uses" published in June 2018 (PGL 2018). With the passage of time, CSAP identified that the above report(s) would benefit from a factual summary about the results of analysis of PCOCs, particularly with respect to hydrocarbon substances associated with gasoline and diesel releases. Practitioners seeking more background to the June 2020 report should refer to and read both these documents.

The 2018 report was based on a literature review and produced in response to the Omnibus changes to the CSR which introduced standards for several new substances in soil and groundwater previously only identified as vapour PCOCs. Site data collected since the introduction of the Omnibus changes on Nov 1st, 2017 has, for the most part, included collection of extended data for some of these soil and groundwater contaminants. As a result, data became available for quantitative and statistical review of several PCOCs with respect to what the 2018 PCOC document described as "primary" contaminants, and the potential for exceedances of the CSR standards for "secondary" contaminants in soil and groundwater media (extended analysis is defined as those which encompass the parameters outlined in the 2009 CSAP Vapour Guidance and 2018 PGL report).

A statistical review of analytical data with respect to petroleum hydrocarbon PCOCs in soils and groundwater associated with gasoline and diesel releases. The results of this study are presented in the attached "Petroleum Hydrocarbon PCOC Data Review, Soil and Groundwater" dated June 10th, 2020. The attached report presents the results of a statistical review of analytes identified in the two referenced documents and could be used by practitioners to support their professional judgment when selecting PCOCs associated with gasoline and diesel releases.

This report is factual in nature and we have intentionally avoided providing conclusions or inferring policy. The final paragraph of the document reads: "*Contaminated sites practitioners use professional judgement to select PCOCs in soil and groundwater relating to the release of petroleum hydrocarbons. The findings of this study, which focussed on contamination primarily associated with gasoline and diesel releases, may provide preliminary indications of the frequency that some CSR regulated fuel-related VOCs and PAHs occur, which may assist practitioners in their selection of PCOCs at sites with suspected or known PHC contamination*".

Via Email

10 June 2020

Technical Review Committee, c/o Bob Symington
Contaminated Sites Approved Professionals of BC
613 – 744 West Hastings
Vancouver, BC V6C 1A5

SLR Project No.: 205.04020.00000

Dear Mr. Symington,

RE: PETROLEUM HYDROCARBON PCOC DATA REVIEW, SOIL AND GROUNDWATER

SLR Consulting (Canada) Ltd. (SLR) is pleased to provide this report documenting the results of our compilation and review of petroleum hydrocarbon (PHC) data in soil and groundwater samples. The data were compiled from datasets of samples submitted in support of Certificate of Compliance legal instrument submissions made by Approved Professionals to the CSAP Society subsequent to the CSR Stage 10 and 11 Amendments, October 31, 2017.

PRIMARY OBJECTIVES

The primary objectives of the work undertaken, as stated in Section 1.2 of the February 20, 2020 request for proposal (RFP), were “*to assist Approved Professionals (APs) and consultants preparing instruments and Site Investigation reports*” and “*...to support their use of professional judgement to select PCOCs in soil and groundwater relating to the release of hydrocarbons, with a particular focus on gasoline and diesel releases.*”

OVERALL APPROACH

To meet the objectives of the RFP, SLR completed the following primary tasks:

Task 1 – Selection of Sites

- The sites were identified by reviewing 204 Contaminated Sites Regulation (CSR) legal instruments processed by CSAP since Nov. 1, 2017.
- Particular focus was put toward reviewing Schedule C of each instrument to determine if the substances listed were related to PHC, and whether gasoline and/or diesel fuel-related substances (e.g., volatile organic compounds – VOCs; and polycyclic aromatic hydrocarbons – PAHs) were listed along with the more commonly analyzed PHC constituents such as benzene, toluene, ethylbenzene, xylenes, volatile petroleum hydrocarbons (VPH) and light extractable petroleum hydrocarbons (LEPH). The instrument screening results are summarized in Table A-1 of Appendix A.
- SLR identified 42 sites with potentially relevant PHC information.

Task 2 – Site Information Requests from ENV

- For each of the 42 identified potentially relevant sites, SLR made a request to ENV for the relevant reports listed in Schedule D of the instruments (e.g., Summary of Site Condition, Detailed Site Investigation, Supplemental Site Investigation, Human Health and Ecological Risk Assessment). Typically, only those reports dated 2017 or later were included on the BC ENV file retrieval request as it was assumed that in most cases the more recent reports would incorporate historical data compared to current CSR standards. Reports dated 2016 or earlier were included if the report list suggested relevant data may not be included in other more recent reports. Based on the report screening process, 162 reports were initially requested.

Task 3 – Data Compilation and Summary

- In addition to the BC Site ID number assigned by ENV, SLR randomly assigned a unique identification number to each site to allow for “blind” treatment of the data.
- The analytical data in the reports received from ENV was more closely reviewed to determine which sites had data for fuel-related VOCs and PAHs (i.e., focused on the VOC and PAH substances listed in Table 1 of the RFP), in addition to corresponding PHC data (i.e., to see co-analyzed data existed for relative comparison). The report screening results are summarized in Table A-2 of Appendix A.
- A subset of 15 of the 42 sites appeared to have the most useful datasets and data from these sites were extracted for soil and groundwater and separately compiled into ESdat format output tables.
- Statistical evaluations were conducted to determine metrics such as numbers of samples analyzed, numbers of samples with detectable concentrations, numbers of samples with concentrations exceeding CSR standards, and associated frequency information (i.e., fractions or percentages of detection, frequency of exceeding standards, etc.).

Task 4 – Preparation of Draft Report

- Draft report submitted May 14, 2020 for TRC review.

Task 5 – Preparation of Final Report

- The final report, incorporating TRC comments, presented herein.

SUMMARY OF FINDINGS

The statistical summaries for soil and groundwater on an individual substance basis are presented in Tables 1 and 2 (soil compared to low density residential [RL_{LD}] and commercial [CL], respectively) and Table 3 (groundwater compared to the lowest of aquatic life [AW] or drinking water [DW] standards). Data from all 15 selected sites was pooled prior to generating statistics. Comparisons to numerical standards for soil were based on the CSR Schedule 3.1 Part 2 or 3 generic numerical soil standards or the lowest of the Schedule 3.1 Part 1 matrix numerical soil standards for the four most commonly applied pathways (intake of contaminated soil, groundwater used for drinking water, toxicity to soil invertebrates and plants, and, groundwater flow to surface water used by aquatic life [freshwater and marine]). Comparisons to numerical standards for groundwater were based on the lowest of AW or DW standards. No attempt was made to identify

which standards applied at any particular site from which a sample was obtained. The compiled ESdat output tables for the raw data (i.e., on an individual sample basis) are presented in Tables B-1 through B-4 in Appendix B. The main findings generated from the data are presented in the following sections.

Note that several of the fuel related VOCs in Table 1 of the RFP had no data, including: nonane-n, the butylbenzenes, cyclohexene and dicyclopentadiene. Data was also not available for methanol. Limited data was available for 1-propylbenzene; two results in soil were reported at non-detectable concentrations and further analysis was not undertaken. Groundwater results (10 samples) are discussed in the groundwater results summary below.

Soil Data Summary

Soil data were compared to the CSR Schedule 3.1 RL_{LD} and CL soil standards. Table 1 following the text presents the summary statistics for petroleum hydrocarbons, MTBE, fuel-related PAHs (e.g., naphthalene and methylnaphthalenes), a range of VOCs and barium compared to the CSR RL_{LD} numerical standards. For comparison, Table 2 presents the summary statistics for the same parameters compared to the CSR CL standards.

It is apparent from the tables that BTEX/VPHs ($n = >2200$ samples) and LEPHs/HEPHs ($n = >1100$ samples) dominate the datasets. In contrast, there are few samples for select fuel-related VOCs (e.g., $n = 26$ for isopropylbenzene, $n = 33$ for 1,3,5-trimethylbenzene) representing less than 1.5% of BTEX/VPHs samples. Similarly, while there are a reasonable number of naphthalene and 2-methylnaphthalene results ($n = 637$ and $n = 534$, respectively), there are very few 1-methylnaphthalene samples ($n = 8$), representing less than 1% of LEPHs/HEPHs and less than 0.5% of BTEX/VPHs¹. Consequently, meaningful comparisons of the various statistics are difficult. However, there are some observations of interest, as described below.

Frequency of Standards Exceedance

For samples with detectable concentrations, the frequency of exceeding the RL_{LD} standard is highest for BTX, VPH, LEPH and naphthalene. This is, in part, a function of the relative magnitude of the applied standards, particularly for substances with CSR Schedule 3.1, Part 1 matrix numerical soil standards. For example, the benzene standard of 0.035 µg/g for the site-specific factor “Groundwater used for drinking water” results in benzene having the highest frequency (75.1%) of exceeding the RL_{LD} soil standard. By contrast, Schedule 3.1, Part 2 (i.e., non-matrix) substances had minimal to no concentrations exceeding the RL_{LD} standards (e.g., 0 of 564 for 1,2-dichloroethane, 1 of 534 for 2-methylnaphthalene, 1 of 33 for 1,3,5-trimethylbenzene).

When compared to the CSR CL standards, the frequency of exceeding the standards was generally consistent with comparison to CSR RL_{LD} standards for those parameters with Schedule 3.1 Part 1 matrix numerical standards (which are typically controlled by the applied DW and AW water use pathways – naphthalene being an exception, with the lowest standards associated with the mandatory factor “toxicity to soil invertebrates and plants”). For those substances with generic numerical standards, the frequency of exceeding the CL standard generally dropped to 0%.

¹ The discrepancy is a result of PAH reporting prior to the CSR Stage 10 and 11 Amendments, where both naphthalene and 2-methylnaphthalene were reported in the standard PAH scan prior to November 1, 2017 and 1-methylnaphthalene was not reported until it became a regulated substance after November 1, 2017.

Summary of Findings for Soil

Key observations that are apparent or inferred from the data include the following:

- Soil analytical datasets are dominated by the common PHC substances BTEX, VPHs, LEPHs, HEPHs and PAHs (e.g., naphthalene), with far fewer samples for most other fuel-related VOCs. This may reflect that the largest portions of the soil datasets are represented by samples collected and analyzed pre-omnibus (i.e., before Nov. 1, 2017);
- The frequency of detection of substances in soil is relatively low, likely reflecting a larger portion of confirmatory samples and delineation samples in the overall soil datasets included in submissions made to CSAP in support of CSR instruments;
- Several substances were found to rarely or never exceed the lowest RL_{LD} soil standards, for example:
 - 2-methylnaphthalene (1 of 534)
 - 1,2 dichloroethane (0 of 564); and
- Several substances were found to rarely or never have detectable concentrations, for example:
 - styrene (2 of 1533 samples)
 - 1,3-butadiene (0 of 255 samples)

Groundwater Data Summary

Groundwater data were compared to the CSR Schedule 3.2 aquatic life and drinking water generic numerical standards (included as Table B-3 in Appendix B). For substances with separate water standards for aquatic life marine and aquatic life freshwater, the lowest values were used for comparison (in most cases freshwater). In addition, for context, the groundwater dataset was compared to 10 x the lowest CSR standard (included as Table B-4 in Appendix B). Table 3 presents the summary statistics for PHCs, MTBE, fuel-related PAHs and a range of VOCs compared to the CSR numerical standards (AW or DW standard, whichever is lowest for a particular substance). This table also includes the statistics for the number of samples exceeding the lowest CSR standard x 10.

Statistics from Table 3 indicate that BTEX (n = 2012-2018 samples), VPHw (n = 1954 samples), LEPHw (n = 1252 samples) and naphthalene (n = 1094 samples) dominate the datasets. In contrast, there are fewer samples for fuel-related VOCs (e.g., n = 383 for 1,2-dichloroethane, n = 225 for 1,2-dibromoethane), and very few samples for select substances (e.g., n = 52 for isopropylbenzene, n = 98 for 1,3,5-trimethylbenzene) representing less than 5% of BTEX samples. Similarly, for PAHs, while there are a reasonable number of 2-methylnaphthalene results (n = 774), there are fewer 1-methylnaphthalene samples (n = 96), representing less than 8% of LEPHw results and less than 5% of BTEX/VPHw². Meaningful comparisons of the various statistics are limited by the available data; however, there are some comparisons that can be made using concurrent data (i.e., samples with data for most analytes) as well as other observations of interest, as described below.

² The discrepancy is a result of PAH reporting prior to the CSR Stage 10 and 11 Amendments, where both naphthalene and 2-methylnaphthalene were reported in the standard PAH scan prior to November 1, 2017 and 1-methylnaphthalene was not reported until it became a regulated substance after November 1, 2017.

Frequency of Detection and Standards Exceedance

The frequency of detection (no. of samples with detectable concentrations / total no. of samples; see Table 3) was >10% for most substances; exceptions were styrene (1.3%), MTBE (3.0%), 1,3-butadiene (1.4%), and 1,2-dibromoethane (5.3%).

For samples with detectable concentrations, the frequency of exceeding the lowest numerical standard was >10% for most substances; exceptions were MTBE (6.4%) and isopropylbenzene (0.0%). Detected substances with the highest frequency of exceeding the lowest CSR standard include LEPHw (69%), BTX (55-68%), naphthalene (58%), 1,2-dichloroethane (63%) and 1,3,5-trimethylbenzene (56%). Note that while 1,3-butadiene showed the highest frequency of detected concentrations exceeding the standard (2 of 2 samples = 100%), the detection frequency was only 1.4% (2 of 138 samples). Additionally, of the non-detect 1,3-butadiene samples, the detection limit exceeded the CSR DW standard in 71.3% of samples (97 of 136). Therefore, meaningful frequency of 1,3-butadiene exceedances cannot be determined from the existing datasets.

For samples with detectable concentrations, the frequency of exceeding 10x the lowest numerical standard is >10% for six substances (benzene, toluene, xylenes, LEPHw, naphthalene, 1,2-dichloroethane), with benzene having the highest frequency (41.8%).

Comparison of Concurrent Results

A comparison was made between the more routinely analyzed PHCs and fuel-related VOCs and PAHs to determine the relative frequency of occurrence and exceedances. Basic statistics for a subset of samples in which key substances were detected are provided below for select VOCs and PAHs.

The number of samples with concurrent analytical data for BTEX/VPHw and other fuel-related VOCs and semi-VOCs varied depending on the particular analyte. Subsets of concurrent data were analyzed in more detail for those parameters that had sufficient numbers of data points. These included 1,3,5-trimethylbenzene (1,3,5-TMB), 1,2-dichloroethane (1,2-DCA), 1-methylnaphthalene (1-MN) and 2-methylnaphthalene (2-MN).

1,3,5-TMB and 1,2-DCA

The table below provides statistics for samples in which 1,3,5-TMB and 1,2-DCA were detected, and with concurrent data for benzene or xylenes. 1,3,5-TMB and 1,2-DCA samples with concurrent data for benzene or xylenes are also shown on Plots 1a and 2a following the text. The plots show the data with detectable concentrations of 1,3,5-TMB and 1,2-DCA ranked from highest to lowest concentration, with the concurrent benzene and xylenes results. The applicable DW standards are shown for reference. The datasets are further illustrated on Plots 1b and 2b using a DW concentration quotient (concentration / DW standard), where a quotient of one is equal to the standard.

Comparison of Concurrent Data for 1,3,5-TMB and 1,2-DCA vs. Benzene and Xylenes

Substance (no of detects)	1,3,5-trimethylbenzene (n= 41)		1,2-dichloroethane (n = 43)	
Concurrent Substance	Benzene	Xylenes	Benzene	Xylenes
No. of Concurrent Samples with Detected Concentrations	33	33	20	20
Maximum Concentration (concurrent concentration) in µg/L	590 (3230)	590 (16,000)	590 (9100)	590 (1500)
No. of Concurrent Samples > DW Standard (no. > DW for benzene or xylenes)	21 (20)	21 (21)	13 (10)	13 (7)
No. of Concurrent Samples < DW Standard (no. < DW for benzene or xylenes)	12 (8)	12 (8)	7 (2)	7 (6)

The data in the above table indicate that when 1,3,5-TMB exceeded the DW standard (21 of 33 samples), xylenes also exceeded the DW standard in the same 21 samples, while benzene exceeded the DW standard in 20 of the 21 samples. For the 12 concurrent samples in which 1,3,5-TMB was less than the DW standard, benzene and xylenes each exceeded the DW standards in four of these samples. Therefore, in this dataset, when detected, 1,3,5-TMB exceeds the DW standard with similar frequency as benzene and xylenes exceed their respective DW standards. This pattern is also apparent on Plots 1a and 1b. The concentrations of 1,3,5-TMB and xylenes tend to follow a similar pattern, with the drinking water concentration quotients (Plot 1b) for 1,3,5-TMB exceeding the quotients for xylenes (and benzene) in some samples. However, a cautionary note is warranted as the concurrent data are based on only 33 samples, and on data from primarily two individual sites (16 samples from one site, 10 samples from a second site).

In the case of 1,2-DCA, the data in the above table indicates benzene exceeded the DW standard in 10 of the same 13 samples, while xylenes exceeded the DW standard in 7 of the 13 samples. This is also illustrated on Plots 2a and 2b. The drinking water concentration quotients depicted on Plot 2b indicate that the quotients for 1,2-DCA in some samples are much greater than the quotients for benzene or xylenes. This may reflect factors such as differences in the sources of contamination among samples; however, such detailed evaluation was beyond the scope of this report. Again, a cautionary note is warranted as only 20 concurrent samples were available. Of the remaining 23 samples in which 1,2-dichloroethane was detected but concurrent BTEX data were not available, 19 of the samples came from only one site.

1-MN and 2-MN

Statistics for samples in which 1- MN and 2- MN were detected, and for which concurrent LEPHw or naphthalene data were available, are summarized in the following table. 1-MN samples (ranked from highest to lowest) with concurrent data for naphthalene are also illustrated on Plot 3a (comparative concentrations) and Plot 3b (DW concentration quotients).

Comparison of Concurrent Data for 1-MN and 2-MN vs. LEPHw and Naphthalene

Substance (no of detects)	1-methylnaphthalene (n = 46)		2-methylnaphthalene (n= 270)	
Concurrent Substance	LEPHw	Naphthalene	LEPHw	Naphthalene
No. of Concurrent Samples with detected concentrations	34	37	262	267
Maximum Concentration (concurrent concentration) in µg/L	53 (3300)	53 (230)	4500 (1,100,000)	4500 (710)
No. of Concurrent Samples > DW Standard (no. > AW standard for LEPHw or naphthalene)	18 (18)	18 (15)	89 (89)	90 (85)
No. of Concurrent Samples < DW Standard (no. < AW for LEPHw or naphthalene)	16 (15)	19 (15)	173 (96)	173 (91)
No. of Concurrent Samples < DW Standard (no. > AW for LEPHw or naphthalene)	16 (1)	19 (4)	173 (77)	173 (82)
No. of Concurrent Samples > DW Standard (no. > DW for naphthalene)	--	18 (8)	--	90 (73)
No. of Concurrent Samples < DW Standard (no. < DW for naphthalene)	--	19 (19)	--	173 (161)

The data in the above table indicate that a greater percentage of samples with LEPHw and naphthalene data had concurrent data for 2-MN (270 detectable samples) than for 1-MN (46 detectable samples). When concurrently analyzed, 1-MN exceeded the DW standard in 18 of 34 samples, while LEPHw exceeded the AW standard in the same 18 samples, plus one additional sample in which 1-MN was below the DW standard. For the 37 concurrent samples analyzed for 1-MN and naphthalene, 1-MN exceeded the DW standard in 18 of the samples, while naphthalene exceeded the DW standard in 8 of the same 18 samples. For the 19 concurrent samples in which 1-MN was below the DW standard, naphthalene was also below the DW standard. In addition, naphthalene also exceeded the AW standard in 15 of the 18 samples in which 1-MN exceeded the DW standard, and in four additional samples in which 1-MN was below the DW standard.

Plot 3b clearly shows that the DW quotients (concentration / DW standard) for 1-MN were consistently greater than the DW quotients for naphthalene (i.e., in 36 of the 37 concurrent samples). Based on this dataset, 1-MN is the more likely constituent to exceed the DW standard than is naphthalene when both substances are analyzed in the same samples.

The datasets were more extensive for 2-MN. When concurrently analyzed, 2-MN exceeded the DW standard in 89 of 262 samples, while LEPHw exceeded the AW standard in the same 89 samples, plus 77 additional samples in which 2-MN was below the DW standard. For the 267 concurrent samples analyzed for 2-MN and naphthalene, 2-MN exceeded the DW standard in 90 of the samples, while naphthalene exceeded the DW standard in 85 of the same 90 samples. Naphthalene also exceeded the AW standard in 85 of the same 90 samples, and in 82 additional samples in which 2-MN was below the DW standard. Due to the large dataset for 2-MN, generating plots comparing individual sample concentrations was not undertaken in the current study.

Other Parameters

Limited groundwater data was available for 1-propylbenzene. The dataset included ten samples from three sites, with concentrations below the laboratory detection limits in seven of the samples. In the remaining three samples, concentrations ranged between 4 and 18.5 µg/L versus a DW standard of 400 µg/L. The two higher results (14.2 and 18.5 µg/L) were in samples from two different sites with elevated concentrations of BTEX, VPHw/VHw₆₋₁₀, naphthalene and 1,3,5-TMB that exceeded the DW standards, as well as certain AW standards. Even where the PHCs were very elevated (> 10 x minimum standard), the 1-propylbenzene concentrations were well below (< 5% of) the DW standard.

Dissolved barium analysis was completed for 227 samples, with only one sample exceeding the DW standard (1010 µg/L vs DW standard of 1000 µg/L; Table B-3). For tetraethyl lead, only one analytical result was identified in the entire dataset (Table B-3).

Summary of Findings for Groundwater

Key observations that are apparent or inferred from the groundwater data include the following:

- Groundwater analytical data are dominated by the common PHC substances BTEX, VPHw, LEPHw, and PAHs (e.g., naphthalene), with far fewer samples (typically <5%) available for most other fuel-related VOCs, with the exception of 2-methylnaphthalene. This may in part reflect that significant portions of the groundwater datasets are represented by samples collected and analyzed before Nov. 1, 2017, when CSR standards came into effect for many of the fuel-related VOCs.
- The frequency of detection (no. of samples with detectable concentrations / total no. of samples) was >10% for most substances. The exceptions were styrene (1.3%), MTBE (3.0%), 1,3-butadiene (1.4%), decane (0.0%) and 1,2-dibromoethane (5.3%).
- For samples with detectable concentrations of individual substances, LEPHw had the highest detection frequency (69.1%), with six other substances (BTX, naphthalene, 1,2-dichloroethane and 1,3,5-trimethylbenzene) exceeding 50%. Fuel-related VOCs showed similar detection frequencies as the more common PHCs, despite far fewer analytical results. The frequency of exceeding 10x the lowest numerical standard was >10% for six substances (BTX, LEPHw, naphthalene, 1,2-dichloroethane), with benzene (10x DW) having the highest frequency (41.8%).
- For samples with concurrent data for BTEX/VPHw and fuel-related VOCs, most data came from a small number of sites and the total numbers of concurrent samples were small. This was also true for concurrent data for LEPHw/naphthalene and 1-methylnaphthalene.
- For most concurrent samples, when fuel-related VOCs exceeded the lowest numerical standards (generally DW), BTEX compounds also exceeded the DW numerical standards. This was also generally the case for 1-methylnaphthalene and 2-methylnaphthalene (DW standards) when compared to LEPHw (AW standard) and naphthalene (AW and DW standards). However, the DW quotients for 1-methylnaphthalene were consistently higher than the DW quotients for naphthalene, indicating that 1-MN is the more likely constituent to exceed the DW standard than is naphthalene when both substances are analyzed in the same sample.

- For samples in which they were detected, concentrations frequently exceeded the DW standards for 1,2-dichloroethane (62.8%), 1,3,5-trimethylbenzene (56.1%), 1-methylnaphthalene (39.1%) and 2-methylnaphthalene (33.3%).

DATASET LIMITATIONS

Since the data were pooled, the effects of sampling frequency and total numbers of samples from individual sampling locations at individual sites relative to other sites could not be easily factored into the data without expending far greater effort (i.e., reviewing reports in much greater detail). It is unknown whether such uncertainties had a significant effect on the data generated for this study.

Additionally, it is anticipated that a larger portion of delineation samples and post-remediation samples (vs. investigation samples) were included in the overall soil and groundwater datasets given that the submissions made to CSAP were in support of CSR instruments (i.e., to demonstrate compliance), likely overweighting the proportion of lower concentration samples as compared to concentrations in initial pre-remediation samples, many of which would have pre-dated November 1, 2017 (i.e., pre-omnibus) when analysis of fuel-related VOCs would have been infrequent.

The concurrent datasets are typically too small to conduct further meaningful data evaluation without having additional datasets with fuel-related VOCs and PAHs to supplement the interpretations contained herein.

CLOSURE

Contaminated sites practitioners use professional judgement to select PCOCs in soil and groundwater relating to the release of petroleum hydrocarbons. The findings of this study, which focussed on contamination primarily associated with gasoline and diesel releases, may provide preliminary indications of the frequency that some CSR regulated fuel-related VOCs and PAHs occur, which may assist practitioners in their selection of PCOCs at sites with suspected or known PHC contamination.

We trust this report meets CSAP's current requirements. If the Technical Review Committee has any questions, please contact the undersigned at your convenience.

Yours sincerely,
SLR Consulting (Canada) Ltd.



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- Enc Table 1: Soil Statistical Summary – Comparison to CSR RL_{LD} Standards
Table 2: Soil Statistical Summary – Comparison to CSR CL Standards
Table 3: Groundwater Statistical Summary
- Plot 1a: Groundwater Concentrations (concurrent data, n=33) -1,3,5-Trimethylbenzene (highest to lowest) vs. Benzene and Xylene, Total
Plot 1b: Drinking Water Concentration Quotients (Conc./DW) -1,3,5-Trimethylbenzene (highest to lowest) vs. Benzene and Xylene, Total (n =33)
Plot 2a: Groundwater Concentrations (concurrent data, n=19) - 1,2-Dichloroethane (highest to lowest) vs. Benzene and Xylene, Total
Plot 2b: Drinking Water Concentration Quotients (Conc./DW) -1,2-Dichloroethane (highest to lowest) vs. Benzene and Xylene, Total (n = 19)
Plot 3a: Groundwater Concentrations (concurrent data, n=37) -1-Methylnaphthalene (highest to lowest) vs. Naphthalene
Plot 3b: Drinking Water Concentration Quotients (Conc./DW) -1-Methylnaphthalene (highest to lowest) vs. Naphthalene (n =37)
- Appendix A: Instrument and Report Screening
Appendix B: Data Tables

SR/ER/AC/ijk

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1. Final Report June 10, 2020\1. CSAP Gas Diesel PCOC Review - Final 2020-06-10.docx

TABLES

Petroleum Hydrocarbon PCOC Data Review,
Soil and Groundwater
SLR Project No.: 205.04020.00000

TABLE 1: SOIL STATISTICAL SUMMARY - COMPARISON TO
CSR RL_{LD} STANDARDS

	Petroleum Hydrocarbons						PAHs			VOCs				Metals				
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPHs	LEPHs	HEPHs	methyl/naphthalene, 1-	methyl/naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	
	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
BC CSR RL _{LD} Minimums	0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	1500	350

Statistical Summary

Number of Results	2236	2250	2250	2252	1533	916	2202	1148	1146	8	534	637	255	421	564	26	2	33	302
Number of Detects	441	272	496	545	2	67	458	292	267	3	150	164	0	7	4	2	0	12	302
Minimum Concentration	<0.005	<0.01	<0.01	<0.01	<0.01	<0.04	<1	<10	<10	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	23.4
Minimum Detect	0.005	0.01	0.01	0.02	0.247	0.2	8.8	12	16	0.11	0.01	0.01	ND	0.029	0.036	0.23	ND	0.141	23.4
Maximum Concentration	525	2650	541	3520	<20	80	15000	26500	10649	0.421	60.1	94.9	<0.19	<0.5	<20	1.5	<0.05	160	2992
Maximum Detect	525	2650	541	3520	4	80	15000	26500	10649	0.421	60.1	94.9	ND	0.16	0.21	1.5	ND	160	2992
Average Concentration	0.97	3.7	2.4	12	0.16	0.23	160	474	252	0.14	1.3	1.1	0.093	0.03	0.077	0.14	0.05	8.6	141
Median Concentration	0.01	0.05	0.022	0.1	0.05	0.1	10	100	100	0.05	0.05	0.05	0.1	0.025	0.025	0.05	0.05	0.193	87.85
Standard Deviation	13	63	18	104	0.56	2.7	683	1599	631	0.15	5.5	5.3	0.016	0.03	0.87	0.28	0	29	225
Number Exceeding Lowest Standard	1020	145	61	183	1	0	229	94	41	0	1	92	0	0	1	0	0	1	20
Number Exceeding Lowest Standard (Detects Only)	331	120	61	183	0	0	229	94	41	0	1	88	0	0	0	0	0	1	20
Frequency of Detection (%)	19.7%	12.1%	22.0%	24.2%	0.1%	7.3%	20.8%	25.4%	23.3%	37.5%	28.1%	25.7%	0.0%	1.7%	0.7%	7.7%	0.0%	36.4%	100.0%
Frequency of Exceeding Lowest Standard (detects only) (%)	75.1%	44.1%	12.3%	33.6%	0.0%	0.0%	50.0%	32.2%	15.4%	0.0%	0.7%	53.7%	0.0%	0.0%	0.0%	0.0%	8.3%	6.6%	

Notes:

µg/g - micrograms per gram

BTEX - benzene, toluene, ethylbenzene, xylenes

MTBE - methyl tert-butyl ether

EPHs10-19 - extractable petroleum hydrocarbon in soil (nC10-nC19)

LEPHs - light extractable petroleum hydrocarbons in soil: EPHs10-19 minus PAH compounds: naphthalene and phenanthrene

EPHs19-32 - heavy extractable petroleum hydrocarbons in soil (nC19-nC32)

HEPHs - heavy extractable petroleum hydrocarbons in soil: EPHs19-32 minus PAH compounds: benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, dibenz[a,h]anthracene, indeno[1,2,3-cd]pyrene and pyrene

PAH - polycyclic aromatic hydrocarbons

VH6-10 - volatile petroleum hydrocarbons (nC6-nC10)

VPHs - volatile petroleum hydrocarbons in soil: VH6-10 minus BTEX and styrene

VOCs - volatile organic compounds

BC CSR RL_{LD} Minimums: BC Contaminated Sites Regulation, Schedule 3.1 Part 1, Part 2 and Part 3, Minimum of Matrix and Generic Numerical Soil Standards, Residential (Low Density)

Frequency of Detection = 100% x "Number of Detects" / "Number of Results"

Frequency of Exceeding Lowest Standard (detects only) = 100% x "Number Exceeding Lowest Standard (Detects Only)" / "Number of Detects"

TABLE 2: SOIL STATISTICAL SUMMARY - COMPARISON TO CSR CL STANDARDS

	Petroleum Hydrocarbons								PAHs				VOCs				Metals		
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	25000	2500	350

Statistical Summary

Number of Results	2236	2250	2250	2252	1533	916	2202	1148	1146	8	534	637	255	421	564	26	2	33	302
Number of Detects	441	272	496	545	2	67	458	292	267	3	150	164	0	7	4	2	0	12	302
Minimum Concentration	<0.005	<0.01	<0.01	<0.01	<0.01	<0.04	<1	<10	<10	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	23.4
Minimum Detect	0.005	0.01	0.01	0.02	0.247	0.2	8.8	12	16	0.11	0.01	0.01	ND	0.029	0.036	0.23	ND	0.141	23.4
Maximum Concentration	525	2650	541	3520	<20	80	15000	26500	10649	0.421	60.1	94.9	<0.19	<0.5	<20	1.5	<0.05	160	2992
Maximum Detect	525	2650	541	3520	4	80	15000	26500	10649	0.421	60.1	94.9	ND	0.16	0.21	1.5	ND	160	2992
Average Concentration	0.97	3.7	2.4	12	0.16	0.23	160	474	252	0.14	1.3	1.1	0.093	0.03	0.077	0.14	0.05	8.6	141
Median Concentration	0.01	0.05	0.022	0.1	0.05	0.1	10	100	100	0.05	0.05	0.05	0.1	0.025	0.025	0.05	0.05	0.193	87.85
Standard Deviation	13	63	18	104	0.56	2.7	683	1599	631	0.15	5.5	5.3	0.016	0.03	0.87	0.28	0	29	225
Number Exceeding Lowest Standard	1020	145	61	183	0	0	229	63	5	0	0	7	0	0	0	0	0	0	20
Number Exceeding Lowest Standard (Detects Only)	331	120	61	183	0	0	229	63	5	0	0	7	0	0	0	0	0	0	20
Frequency of Detection (%)	19.7%	12.1%	22.0%	24.2%	0.1%	7.3%	20.8%	25.4%	23.3%	37.5%	28.1%	25.7%	0.0%	1.7%	0.7%	7.7%	0.0%	36.4%	100.0%
Frequency of Exceeding Lowest Standard (detects only) (%)	75.1%	44.1%	12.3%	33.6%	0.0%	0.0%	50.0%	21.6%	1.9%	0.0%	0.0%	4.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.6%

Notes:

µg/g - micrograms per gram

BTEX - benzene, toluene, ethylbenzene, xylenes

MTBE - methyl tert-butyl ether

EPHs10-19 - extractable petroleum hydrocarbon in soil (nC₁₀-nC₁₉)

LEPHs - light extractable petroleum hydrocarbons in soil: EPHs10-19 minus PAH compounds: naphthalene and phenanthrene

EPHs19-32 - heavy extractable petroleum hydrocarbons (nC₁₉-nC₃₂)

HEPHs - heavy extractable petroleum hydrocarbons in soil: EPHs19-32 minus PAH compounds: benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, dibenz[a,h]anthracene, indeno[1,2,3-cd]pyrene and pyrene

PAH - polycyclic aromatic hydrocarbons

VH6-10 - volatile petroleum hydrocarbons (nC₆-nC₁₀)

VPHs - volatile petroleum hydrocarbons in soil: VH6-10 minus BTEX and styrene

PAH - polycyclic aromatic hydrocarbons

VOCs - volatile organic compounds

BC CSR CL Minimums: BC Contaminated Sites Regulation, Schedule 3.1 Part 1, Part 2 and Part 3, Minimum of Matrix and Generic Numerical Soil Standards, Commercial

Frequency of Detection = 100% x "Number of Detects" / "Number of Results"

Frequency of Exceeding Lowest Standard (detects only) = 100% x "Number Exceeding Lowest Standard (Detects Only)" / "Number of Detects"

TABLE 3: GROUNDWATER STATISTICAL SUMMARY

	Petroleum Hydrocarbons								PAHs			VOCs					
	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
BC CSR DW	5	60	140	90	800	95			5.5	15	80	1	0.5	5	400	400	40
BC CSR AWF	400	5	2000	300	720	34000	1500	500			10			1000			
BC CSR AWM	1000	2000	2500	300	720	4400	1500	500			10			1000			

Statistical Summary

Number of Results	2018	2014	2012	2015	1003	1555	1954	1252	96	774	1094	138	225	383	52	10	98
Number of Detects	801	808	847	936	13	47	561	543	46	270	487	2	12	43	22	3	41
Minimum Concentration	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	6	<0.25	<0.05	<0.01	<0.01	<0.2	<0.1	<0.2	<1	<1	<1
Minimum Detect	0.2	0.2	0.2	0.2	0.5	0.67	6	80	0.086	0.01	0.01	8.3	0.21	0.67	1.7	4	1.2
Maximum Concentration	37400	850000	490000	4000000	<100	<800	8000000	7100000	53	4500	4900	<30	<660	590	60	<20	590
Maximum Detect	37400	850000	490000	4000000	6.44	425	8000000	7100000	53	4500	4900	9.3	3.5	590	60	18.5	590
Average Concentration	447	1037	410	2900	1.2	8.2	5342	8282	4.8	25	52	4.7	3.4	7.9	10	8.2	55
Median Concentration	0.5	0.5	0.5	0.75	0.4	4	300	200	0.05	0.1	0.1	5	0.2	0.5	2	2.5	2
Standard Deviation	2272	19238	10934	89155	5.1	45	180993	203324	11	230	209	4.5	44	40	15	8.8	113
Number of Standard Exceedances	547	506	370	518	0	12	302	376	18	90	287	99	18	57	0	0	23
Number Exceeding Lowest Standard (detects only)	544	505	370	518	0	3	267	375	18	90	282	2	6	27	0	0	23
Number of Samples with DL > Lowest Standard	3	1	0	0	0	9	35	1	0	0	5	97	12	30	0	0	0
Number of Samples Exceeding Lowest Standard x 10 (detects only)	335	297	71	258	0	0	13	65	0	18	128	0	0	7	0	0	3
Frequency of Detection (%)	39.7%	40.1%	42.1%	46.5%	1.3%	3.0%	28.7%	43.4%	47.9%	34.9%	44.5%	1.4%	5.3%	11.2%	42.3%	30.0%	41.8%
Frequency of Exceeding Lowest Standard (detects only) (%)	67.9%	62.5%	43.7%	55.3%	0.0%	6.4%	47.6%	69.1%	39.1%	33.3%	57.9%	100.0%	50.0%	62.8%	0.0%	0.0%	56.1%
Frequency of Exceeding Lowest Standard x 10 (detects only) (%)	41.8%	36.8%	8.4%	27.6%	0.0%	0.0%	2.3%	12.0%	0.0%	6.7%	26.3%	0.0%	0.0%	16.3%	0.0%	0.0%	7.3%

Notes:

µg/L - micrograms per litre

BC CSR DW: BC Contaminated Sites Regulation, Schedule 3.2, Generic Numerical Water Standards, Drinking Water

BC CSR AWF: BC Contaminated Sites Regulation, Schedule 3.2, Generic Numerical Water Standards, Aquatic Life (freshwater)

BC CSR AWM: BC Contaminated Sites Regulation, Schedule 3.2, Generic Numerical Water Standards, Aquatic Life (marine / estuarine)

BTEX - benzene, toluene, ethylbenzene, xylenes

MTBE - methyl tert-butyl ether

PAH - polycyclic aromatic hydrocarbons

EPHw10-19 - extractable petroleum hydrocarbons (C10-C19)

LEPHw - light extractable petroleum hydrocarbons in water: EPHw10-19 minus PAH compounds: acenaphthene, acridine, anthracene, fluorene, naphthalene and phenanthrene

VHw6-10 - volatile hydrocarbons in water (C6-C10)

VPHw - volatile petroleum hydrocarbons in water: VHw6-10 minus BTEX and styrene

VOCs - volatile organic compounds

Frequency of Detection = 100% x "Number of Detects" / "Number of Results"

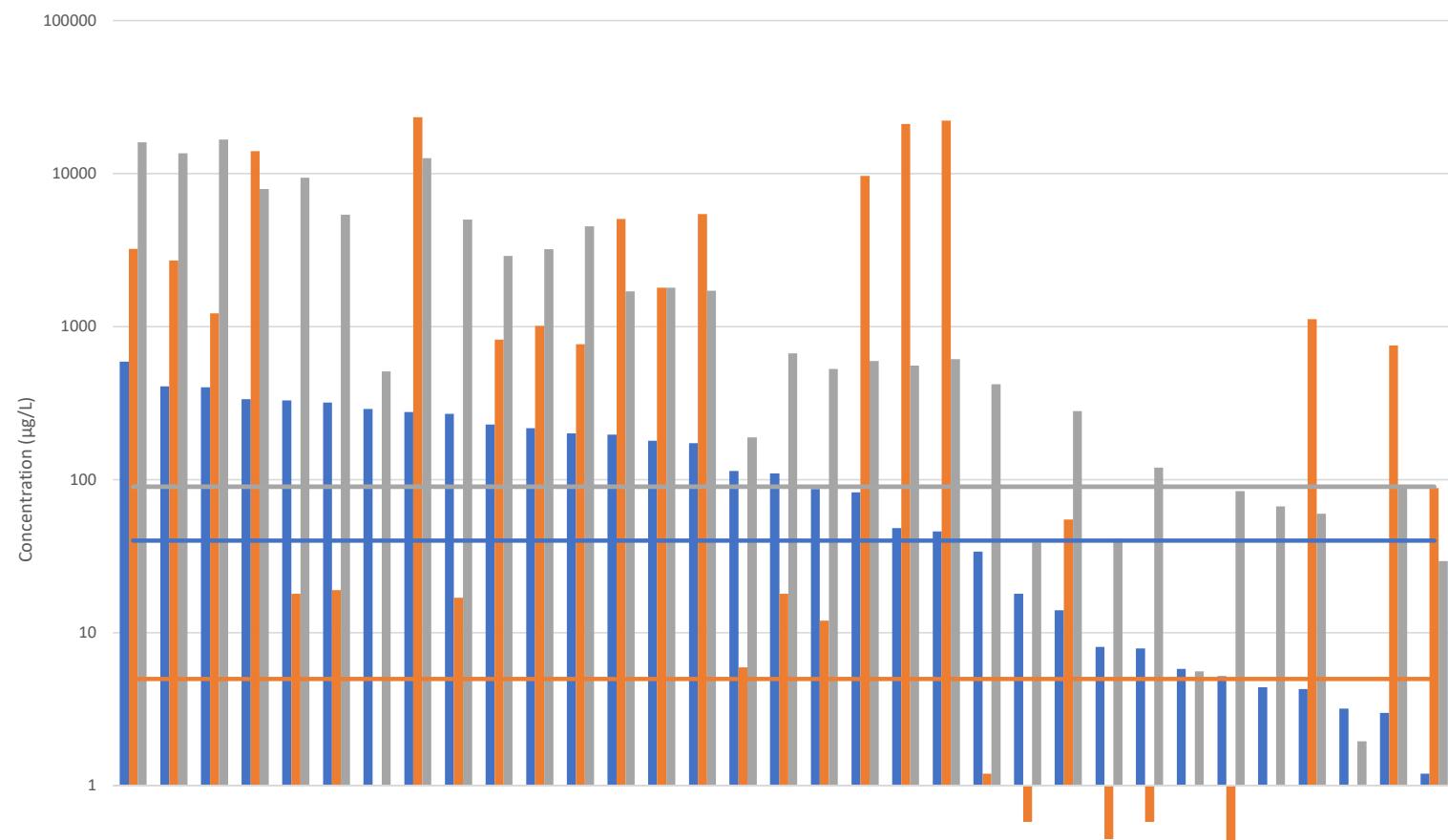
Frequency of Exceeding Lowest Standard (detects only) = 100% x "Number Exceeding Lowest Standard (detects only)" / "Number of Detects"

Frequency of Exceeding Lowest Standard x 10 (detects only) = 100% x "Number of Samples Exceeding Lowest Standard x 10 (detects only)" / "Number of Detects"

PLOTS

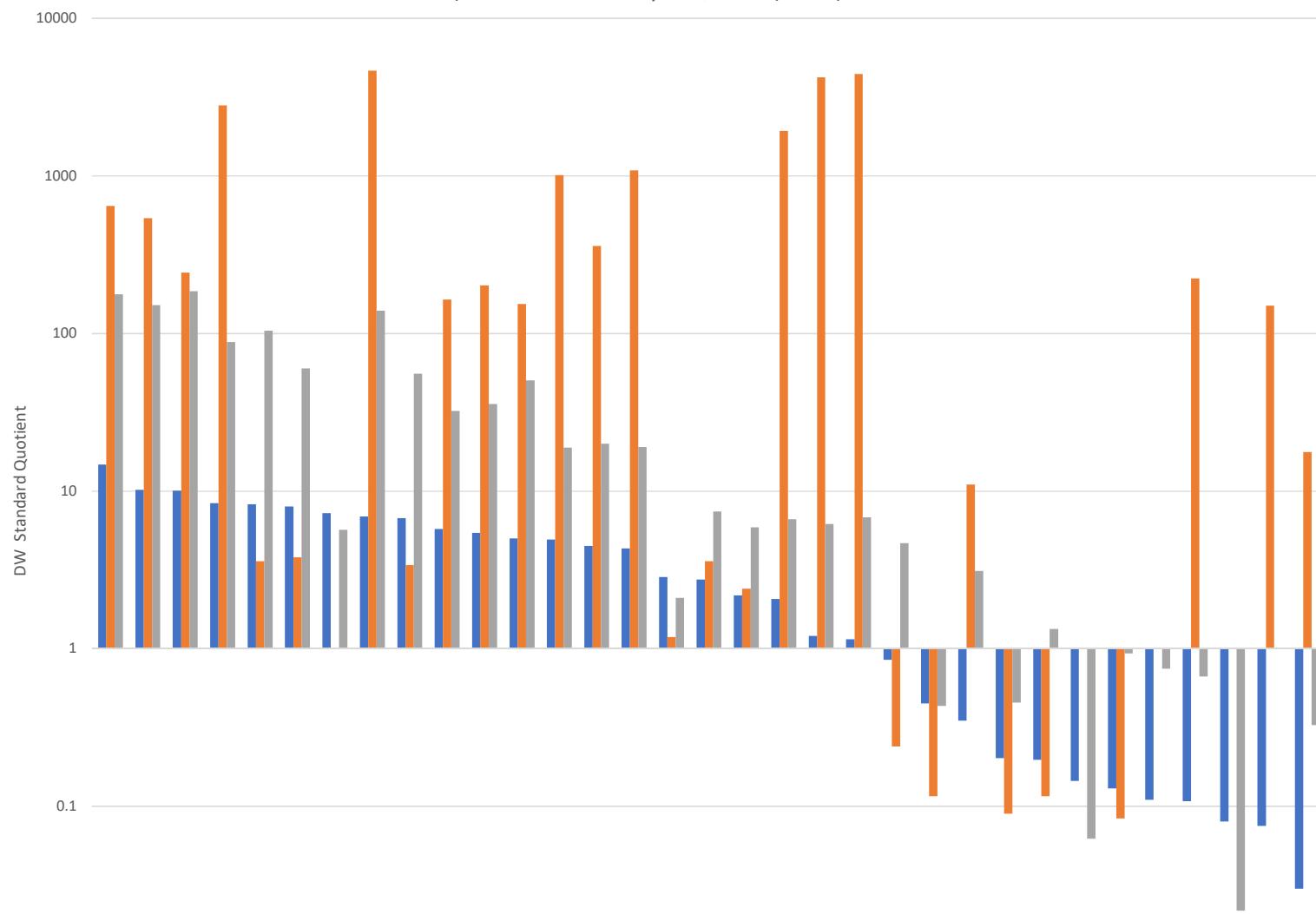
Petroleum Hydrocarbon PCOC Data Review,
Soil and Groundwater
SLR Project No.: 205.04020.00000

Plot 1a: Groundwater Concentrations (concurrent data, n=33) -1,3,5-Trimethylbenzene (highest to lowest) vs.
Benzene and Xylene, Total



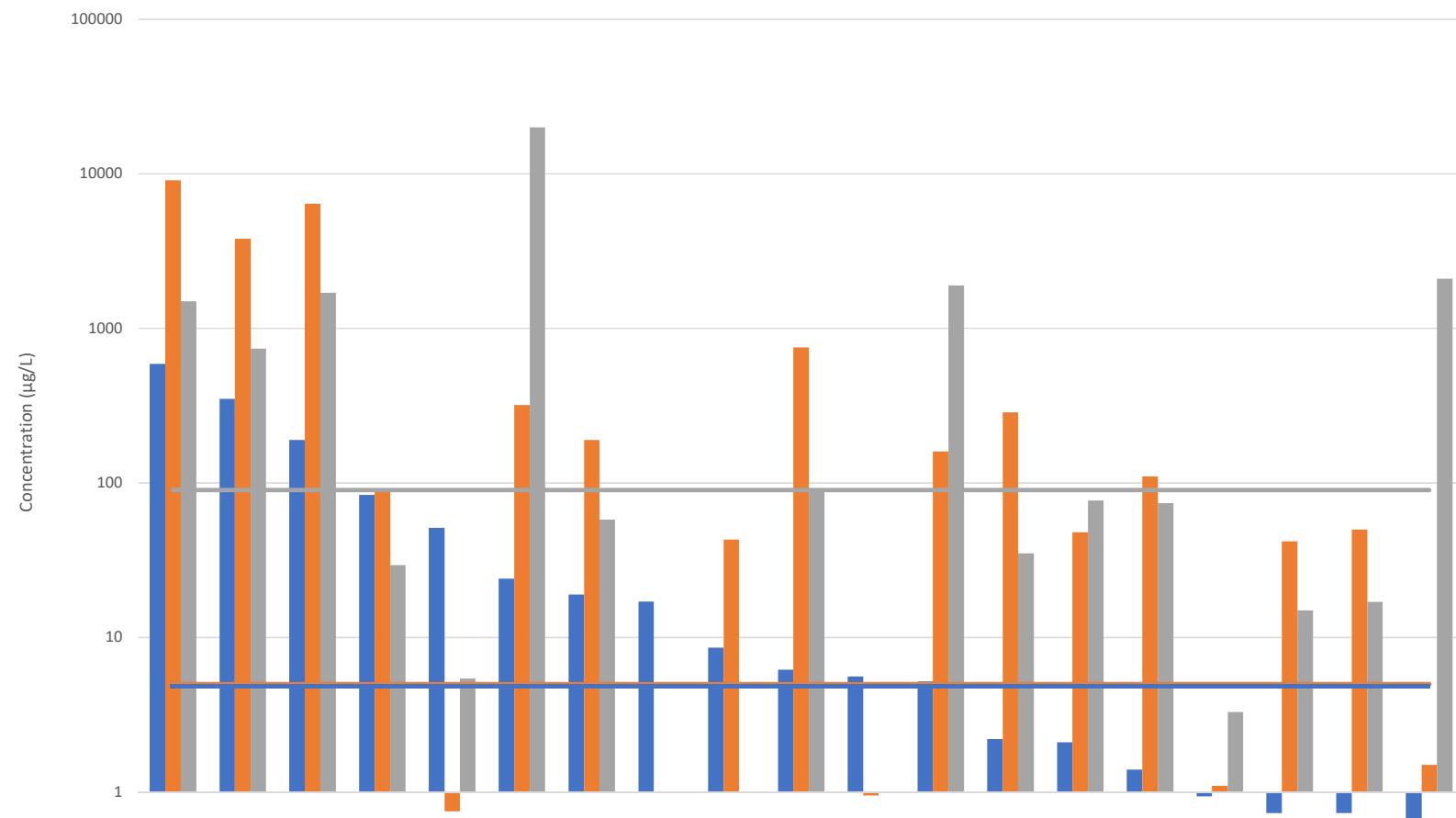
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1,3,5-Trimethylbenzene	590	408	402	336	330	320	290	276	270	230	217	201	197	180	173	114	110	87	82.7	48.2	45.9	34	18	14	8.1	7.9	5.8	5.2	4.4	4.3	3.2	3	1.2
Benzene	3230	2700	1220	1400	18	19	0	2330	17	822	1010	768	5070	1800	5430	5.94	18	12	9650	2110	2220	1.2	0.58	55	0.45	0.58	0	0.42	0	1120	0	752	88.4
Xylene, Total	1600	1360	1670	7940	9400	5400	510	1260	5000	2900	3210	4540	1700	1800	1720	189	670	530	597	558	613	420	39	280	41	120	5.6	84	67	59.9	1.96	90.3	29.5
1,3,5-TMB DW Std	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
Benzene DW Std	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Xylenes DW Std	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90		

Plot 1b: Drinking Water Concentration Quotients (Conc./DW) -1,3,5-Trimethylbenzene (highest to lowest) vs. Benzene and Xylene, Total (n =33)



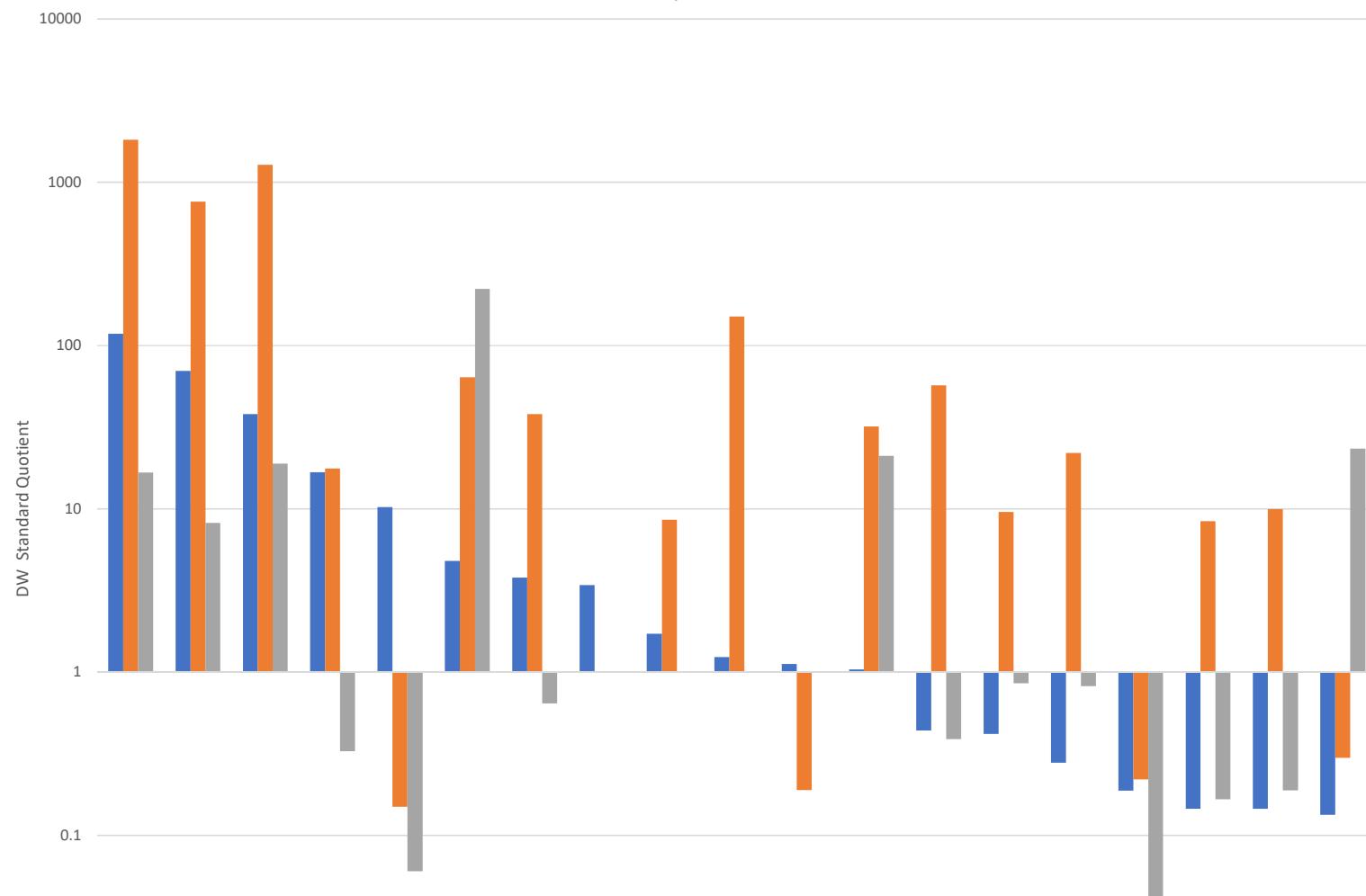
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
1,3,5-Trimethylbenzene	14.8	10.2	10.1	8.4	8.25	8	7.25	6.9	6.75	5.75	5.43	5.03	4.93	4.5	4.33	2.85	2.75	2.18	2.07	1.21	1.15	0.85	0.45	0.35	0.2	0.2	0.15	0.13	0.11	0.11	0.08	0.08	0.03
Benzene	646	540	244	2800	3.6	3.8	0	4660	3.4	164	202	154	1014	360	1086	1.19	3.6	2.4	1930	4220	4440	0.24	0.12	11	0.09	0.12	0	0.08	0	224	0	150	17.7
Xylene, Total	177.	151.	185.	88.2	104.	60.0	5.7	140.	55.6	32.2	35.7	50.4	18.9	20.0	19.1	2.1	7.4	5.9	6.6	6.2	6.8	4.7	0.4	3.1	0.5	1.3	0.1	0.9	0.7	0.7	0.0	1.0	0.3

Plot 2a: Groundwater Concentrations (concurrent data, n=19) - 1,2-Dichloroethane (highest to lowest) vs. Benzene and Xylene, Total

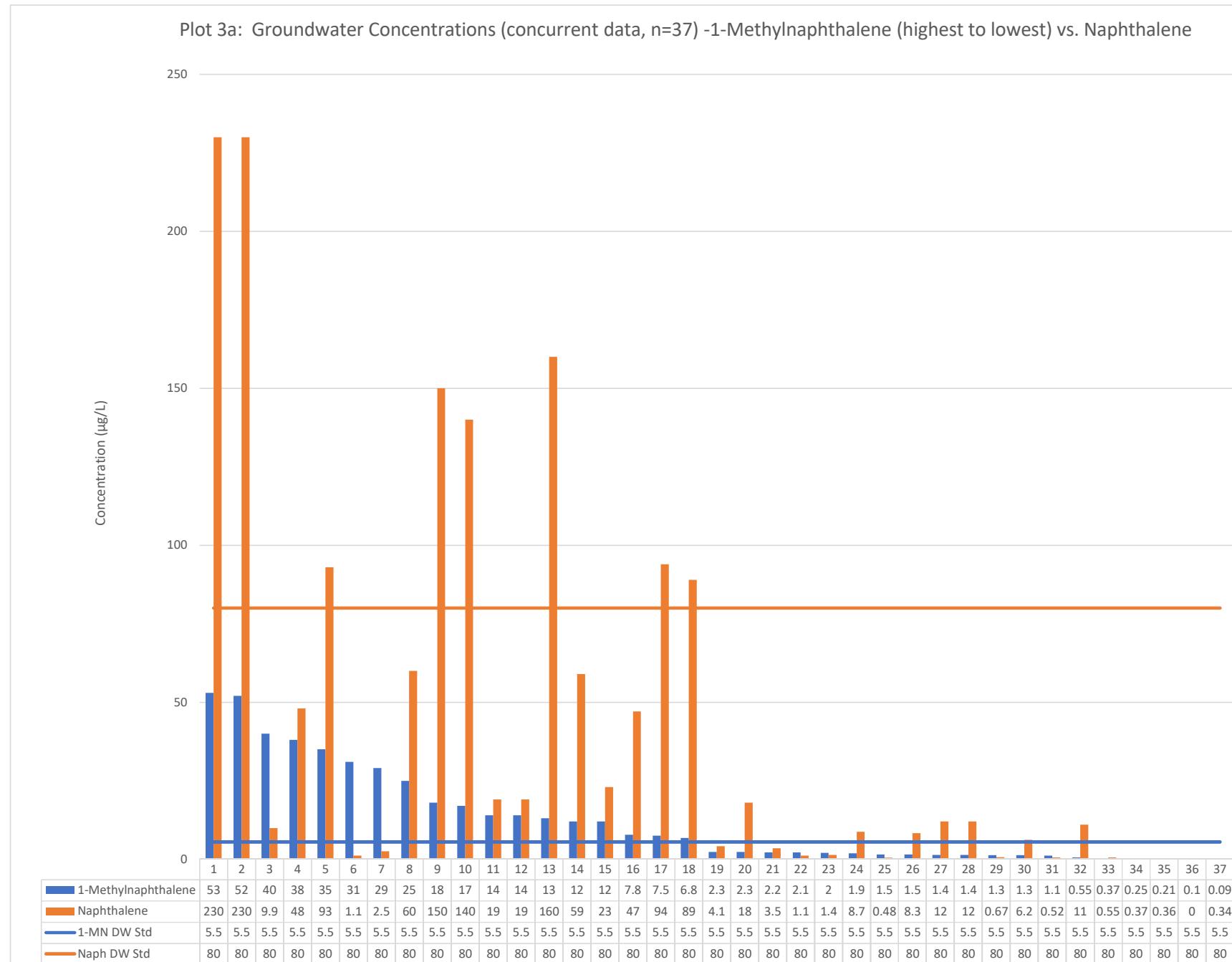


	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1,2-Dichloroethane	590	350	190	83.9	51.2	24	19	17.1	8.6	6.2	5.6	5.2	2.2	2.1	1.4	0.94	0.73	0.73	0.67
Benzene	9100	3800	6400	88.4	0.75	320	190	0	43	752	0.95	160	286	48	110	1.1	42	50	1.5
Xylene, Total	1500	740	1700	29.5	5.43	20000	58	0	0	90.3	0	1900	35	77	74	3.3	15	17	2100
1,2-DCA DW Std	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Benzene DW Std	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Xylenes DW Std	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	

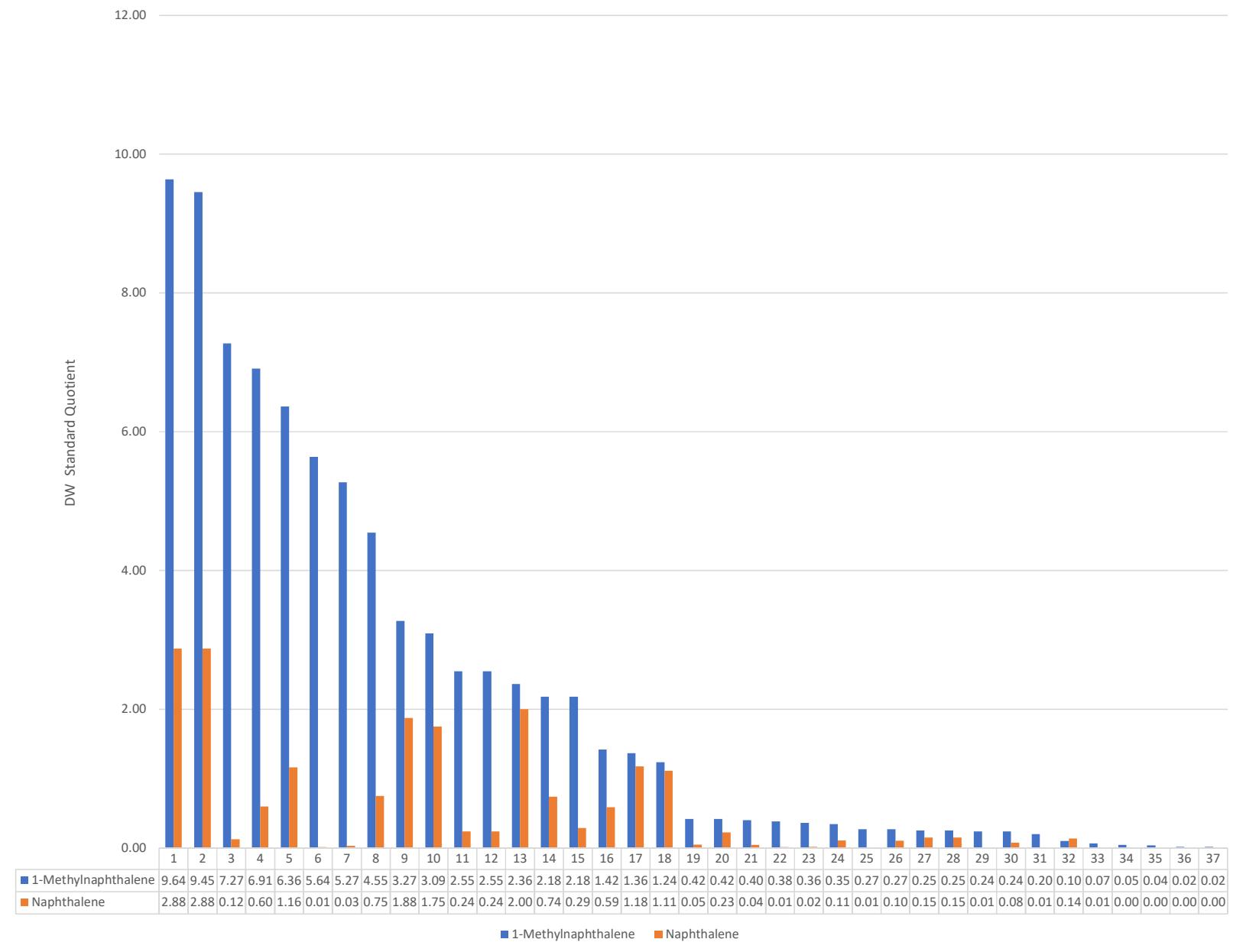
Plot 2b: Drinking Water Concentration Quotients (Conc./DW) -1,2-Dichloroethane (highest to lowest) vs. Benzene and Xylene, Total (n = 19)



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1,2-Dichloroethane	118	70	38	16.78	10.24	4.8	3.8	3.42	1.72	1.24	1.12	1.04	0.44	0.42	0.28	0.188	0.146	0.146	0.134
Benzene	1820	760	1280	17.68	0.15	64	38	0	8.6	150.4	0.19	32	57.2	9.6	22	0.22	8.4	10	0.3
Xylene, Total	16.7	8.2	18.9	0.3	0.1	222.2	0.6	0.0	0.0	1.0	0.0	21.1	0.4	0.9	0.8	0.0	0.2	0.2	23.3



Plot 3b: Drinking Water Concentration Quotients (Conc./DW) -1-Methylnaphthalene (highest to lowest) vs. Naphthalene (n =37)



APPENDIX A
Instrument and Report Screening

Petroleum Hydrocarbon PCOC Data Review,
Soil and Groundwater
SLR Project No.: 205.04020.00000

TABLE A-1: INSTRUMENT SCREENING

File Retrieval Candidate?	Date	Instrument Type	Num or Risk	Apparent Source Type	Comment	COCs - SOIL						COCs - GROUNDWATER						COCs - VAPOUR							
						BTEX	VPH	LEPH	HEPH	PAHs	VOCs	Fuel Additives	BTEX	VPH	LEPH	PAHs	VOCs	Fuel Additives	BTEX	VPH	Naph	VOCs	Fuel Additives		
	2018-07-27	CoC	R	Drycleaner	source site? TCE, PERC, VC, 1,2-CIS-TCE, DCE			X			X					X		X	X						
	2018-07-27	CoC	R		Adjacent Site, DCE, 1,2-cis-TCE, PERC											X									
	2018-07-27	CoC	R		adjacent site?, TCE, PERC, DCE, 1,2-CIS-TCE											X			X						
	2018-07-23	CoC	R		site adjacent to former service station	X									X	X	X	X							
YES	2018-07-23	CoC	R	Service Station	source site, EPH and VH listed	X	X	X	X					X	X	X	X								
	2018-03-12	Det - Neg																							
	2018-07-06	Det - Neg																							
	2018-05-28	CoC	N		TCE, PERC, VC, 1,2-cis-DCE	X	X			X	X			X			X		X	X					
	2018-07-17	CoC	N		Shopping Center	X	X	X																	
	2018-09-19	Det - Neg																							
	2018-04-30	Det - Neg																							
	2018-08-08	CoC	R		TCE, PERC, 1,1-DCE, 1,2-CIS-DCE, VC, phenols	X		X			X			X				X							
	2018-04-12	CoC	N												X	X	X								
	2018-05-14	CoC	R	Shipyard						X	X	X					X	X							
	2018-07-17	Det - Neg																							
	2018-07-05	CoC	R						X	X															
	2018-05-07	CoC	N		Metals																				
YES	2018-07-24	CoC	R	Diesel Fuel	Salt +	X	X	X	X	X							X	X							
	2019-03-20	Det - Neg																							
	2018-05-23	Det - Neg																							
	2018-08-20	CoC	N	Service Station													X								
	2018-06-04	CoC	N		Metals																				
YES	2018-06-14	CoC	R	Shipyard	Product recovery well installed 2011	X	X	X	X								X	X		X	X				
	2018-07-23	CoC	R		Metals																				
YES	2018-09-20	CoC	R			X	X	X	X	X							X								
YES	2018-08-15	CoC	N			X	X	X	X								X	X							
YES	2018-08-21	CoC	R	Service Station	Source Site (Service Station)	X	X										X	X	X	X					
	2018-08-21	CoC	R		Adjacent Site	X											X	X	X						
	2018-08-21	CoC	R		Adjacent Site	X											X	X	X						
	2018-08-21	CoC	R		Adjacent Site	X										X	X	X	X						
	2018-08-16	CoC	R							X	X						X								
	2018-08-20	CoC	N		"historical" cleaners			X																	
	2018-07-16	CoC	N					X			X														
YES	2018-09-10	CoC	R			X	X	X	X	X						X	X	X	X						
	2019-01-30	CoC	R		TCE, High risk site						X						X	X	X	X					
	2018-08-28	Det - Neg																							
	2018-11-27	CoC	N								X							X							
	2018-11-01	CoC	R																				X		
	2018-10-29	CoC	N		Metals																				
	2019-04-08	Det - Neg																							
YES	2018-10-29	CoC	R	Service Station		X	X	X	X	X												X	X	X	
	2018-10-31	CoC	N		Metals																				
	2018-11-01	CoC	N		Metals																				
	2018-10-31	CoC	R		Metals																				
	2019-01-04	CoC	R		Soil and sediment	X	X					Sed.				X		X							
	2019-01-04	CoC	R		Sediment							Sed.													
	2019-01-02	CoC	N		Previous UST removal			X	X																
YES	2019-02-19	CoC	R			X	X	X	X							X	X								
	2019-01-03	Det - Neg																							
	2019-01-03	Det - Neg																							
	2018-12-07	CoC	N		CB, 1,2-DCB													X	X	X					
	2018-12-07	CoC	N								X								X	X					
YES	2019-01-16	CoC	N					X	X	X	X						X	X	X	X					
	2019-03-15	CoC	R					X											X						
	2019-03-05	Det - Neg																							

TABLE A-1: INSTRUMENT SCREENING

YES	2019-07-10	CoC	N	USTs					X											
	2019-08-21	AIP	R																	
YES	2019-08-12	CoC	R		1,3,5-trimethylbenzene in water	X	X	X				X	X	X	X	X	X			
	2019-08-12	CoC	R		1,3,5-trimethylbenzene in water	X	X		X			X	X	X	X	X	X			
	2019-08-12	CoC	R		1,3,5-trimethylbenzene in water	X	X		X			X	X	X	X	X	X			
	2019-08-12	CoC	R		1,3,5-trimethylbenzene in water	X	X					X	X	X	X	X	X			
	2019-08-12	CoC	R			X	X					X								
YES	2019-10-02	CoC	R	Auto shop/garage	1,3,5-trimethylbenzene in water	X						X		X	X	X	X			
YES	2019-10-02	CoC	N	Auto shop/garage	1,3,5-trimethylbenzene in water/vapour	X	X		X			X		X	X	X	X	X	X	X
	2019-09-09	Det - Neg																		
YES	2019-08-19	CoC	N	Fuel Storage	Metals															
	2019-08-19	Det - Neg																		
	2019-08-19	Det - Neg																		
	2019-09-09	Det - Neg																		
YES	2019-08-08	CoC	N	Helicopter Fueling Facility		X	X													
	2019-08-26	CoC	N						X											
	2019-08-29	Det - Neg																		
	2019-10-17	AIP	N		Metals	X	X	X	X			X	X	X			X	X	X	
YES	2019-09-05	CoC	R			X	X	X	X											
	2019-10-02	CoC	N					X	X											
	2019-10-01	CoC	N																	
	2019-12-23	CoC	R			X														
	2019-10-15	Det - Neg																		
	2019-12-20	CoC	N			X						X								
	2019-11-21	CoC	N			X														
	2019-12-23	CoC	R		Metals															
	2019-11-08	CoC	N					X	X						X					
	2019-10-01	CoC	N						X	X				X	X		X	X		
	2019-10-03	CoC	N		Metals															
	2019-12-03	CoC	N					X	X											
	2019-10-31	CoC	R	Methanol Tanks	Methanol	X	X	X					X	X				X		
YES	2020-01-20	CoC	R	Former Petroleum Bulk Plant		X	X	X												
	2020-01-03	Det - Neg																		
YES	2019-11-18	CoC	N	Fueling Facility	PCBs			X	X											
	2019-11-19	CoC	R	Explosives Disposal	Metals, nitroglycerin, explosives (RDX, trinitrotoluene)															
	2019-12-13	CoC	N					X		X										
	2019-12-13	Det - Neg																		
YES	2019-12-17	CoC	R	Service Station	Co-mingled w Drycleaning plume, PERC, TCE	X	X						X	X	X	X	X			
	2019-11-29	CoC	R												X			X		
YES	2019-11-29	CoC	R		Metals, PHC, PAHs			X		X				X	X		X	X	X	
	2020-01-06	CoC	N	USTs, former service station		X	X	X	X	X										
	2020-01-08	Det - Neg																		
YES	2020-01-21	CoC	R	Bulk Plant		X	X	X	X				X	X	X	X				
	2020-02-24	CoC	N	USTs				X												
	2020-02-24	Det - Neg																		
	2020-01-25	Det - Neg																		
	2020-01-30	CoC	R															X		
YES	2020-01-28	CoC	R	Service Station		X			X				X	X	X					
YES	2020-01-28	CoC	R	Service Station		X												X	X	X
	2020-02-25	CoC	R	Transit Centre	1,1,2-TCA, wide area fill, false creek			X	X						X			X	X	
	2020-02-28	CoC	R		Metals															
	2020-02-28	CoC	R		Metals															
	2020-02-28	CoC	R		Metals															
YES	2020-02-23	CoC	R	Service Station	No GW impacts	X	X	X												
	2020-02-19	CoC	R			X			X											
	2020-02-25	CoC	N							X										
YES	2020-03-03	CoC	R		Source site	X	X						X	X	X	X				
	2020-03-03	CoC	R		Adjacent site	X							X		X	X				
	2020-02-24	CoC	N		Metals															
	2020-02-18	CoC	N			X			X											
	2020-03-03	CoC	R																	

TABLE A-2: REPORT SCREENING

SLR PCOC Project Site #	Date	Instrument Type	Total # Docs (Sch D)	Candidate?	STDS APPLIED?	Fuel VOCs PCOCs?	FILE REVIEW COMMENTS	RECEIVED?	Document Title	Date
SITE 14	2018-07-23	CoC	19	MAYBE	AWF, DW	N	Former Service Stn. General VOCs run in all media due to waste oil/auto service, includes few fuel VOCs and not listed as fuel PCOCs (except for in vapour). Historically very high PHCs. No VOCs listed on SoSC or in DS1	X X X	Summary of Site Condition Report of Findings - Human Health and Ecological Risk Assessment Report of Findings - Stage 1 Preliminary Site Investigation Update and Detailed Site Investigation	January 05, 2018 January 03, 2018 January 03, 2018
	2018-07-24	CoC	14	NO	DW		Bus yard. VOCs only associated with maintenance building and bus wash, not fuelling. Only UST was diesel. DS1 GW VOCs almost entirely nd. No VOCs in COR report. Fuel VOCs only assessed in vapour.	X X X X	Summary of Site Condition Human Health and Ecological Risk Assessment Stage 1 Preliminary Site Investigation and Detailed Site Investigation Confirmation of Remediation	April 04, 2018 February 20, 2018 January 25, 2018 January 24, 2018
SITE 13	2018-06-14	CoC	27	MAYBE	AWM. CL, IL. (DW exempt)	N	Shipyard. Several USTs listed as APECs. VOCs only assoc with specific USTS (assume waste oil?). PHCs confirmed as contaminants in several AECs. LNAPL (Bunker C) present. Stage 2 PSI includes VOC data, can't easily extract tables.	X X X X	Summary of Site Condition Stage 1 and 2 Preliminary Site Investigation, Detailed Site Investigation and Remediation Plan Confirmation of Remediation Human Health and Ecological Risk Assessment	May, 2018 April, 2018 April, 2018 April, 2018
	2018-09-20	CoC	6	NO	DW, AWF, CL.		No fuel ASTs / USTs identified as APECs. Confirmed AECS include wide area landfill and industrial roadway.	X X X X	Summary of Site Condition Addendum to Certificate of Compliance Application (Detailed Risk) Human Health and Ecological Risk Assessment Stage 1 and 2 Preliminary Site Investigation and Detailed Site Investigation, and Remediation	August, 2018 July, 2018 April, 2018 April, 2018
	2018-08-15	CoC	8	NO	AWM. RL. PKv. (DW exempt)		VOCs not listed as PCOCs (except in vapour). Former on-site UST. Significant PHCs in soil and also present in gw. One nd VOC sample in soil (Table 4) 2007 DS1. No VOCs in gw in DS1. Some samples in gw in COR but don't correspond to highest PHCs. 12-DCA of 4 ug/L in one sample.	X X X X	Summary of Site Condition Confirmation of Remediation Site Investigation Update Detailed Site Investigation	June 07, 2018 June, 2018 April 13, 2017 May 04, 2007
SITE 15	2018-08-21	CoC	3	MAYBE	AWF, DW	N	Former service station. Soil and gw VOCs are ND. Very little fuel VOCs.	X X X	Summary of Site Condition Stage 1 Preliminary Site Investigation, Detailed Site Investigation and Confirmation of Remediation Human Health and Ecological Risk Assessment	March, 2018 March, 2018 March, 2018
	2018-09-10	CoC	5	NO	DW, NWU		Former service station and auto repair. No fuel voc listed for soil and water and only tested in vapour. VOC in soil are ND. No gw VOCs table.	X X	Summary of Site Condition Stage 1 Preliminary Site Investigation Update, Stage 2 Preliminary Site Investigation, Detailed Site Investigation and Remediation	July, 2018 June, 2018
SITE 16	2018-10-29	CoC	4	MAYBE	DW, NWU	N	Former service station and auto repair. VOCs not listed as PCOCs for fuel (except in vapour) and only in soil, gw for waste oil and auto service. Fuel voc only tested in vapour. VOC in soil and gw are ND.	X X	Summary of Site Condition Preliminary Site Investigations, Detailed Site Investigation, Decommissioning Remediation	September, 2018 September 10, 2018
	2019-02-19	CoC	12	NO	AWF, DW, CL.		VOCs PCOCs assoc with vehicle salvage, AST, hoists, oil/water and off-site Service stn. Contaminants mostly metals, some PHC in soil and gw. Max concns not very high.	X X X X X X X X X X X X	Addendum to Human Health and Ecological Risk Assessment Addendum to Stage 1 Preliminary Site Investigation Update, Supplemental Site Investigation Summary of Site Condition Human Health and Ecological Risk Assessment Stage 1 Preliminary Site Investigation Update, Supplemental Site Investigation, and Confirmation of Remediation Background Groundwater Investigation Remediation Supplemental Site Investigation	January 09, 2019 January 07, 2019 October 15, 2018 October 03, 2018 September 25, 2018 January 16, 2018 August 18, 2017 July 27, 2017
SITE 24	2019-01-16	CoC	5	MAYBE	AWF (no DW). RL CL.	N	Fuel VOCs not lists as soil or GW PCOCs. VOCs assoc w waste oil and auto repair. PHC contaminants in soil and GW. VOC data in soil and gw.	X X	Summary of Site Condition Preliminary and Detailed Site Investigation & Confirmation of Remediation	November 14, 2018 October 31, 2018
SITE 23	2019-01-22	CoC	4	MAYBE	AWF, DW, CL.	N (listed for service)	Former Service Stn and Car wash. VOCs not ID'ed as PCOCs in soil or GW. Elevated PHC concentrations. PSI DS1 COR report contains VOC data tables.	X X X X	Summary of Site Condition Human Health and Ecological Risk Assessment Stage 1 & 2 Preliminary Site Investigation, Detailed Site Investigation, Decommissioning and Remediation	November, 2018 November 02, 2018 September 07, 2018
	2019-03-15	CoC	6	NO	AWF, DW, CL.		Auto Repair, auto wrecker. Elevated VPH and PAHS. VOCs run. No indication of whether fuelling was conducted or fuel was stored on-site.	X X X X	Summary of Site Condition Human Health and Ecological Risk Assessment Stage 2 Preliminary Site Investigation and Detailed Site Investigation Communication Regarding Contamination Migration	November 26, 2018 November 23, 2018 November 19, 2018 September 24, 2018
SITE 22	2019-02-12	CoC	16	YES	DW, CL.	YES	Fuel VOCs included as PCOCs. 12-DCA, 1-mn, 2-mn, 135-TMB all contaminants in GW.	X X X	Summary of Site Condition Stage 1 and 2 Preliminary Site Investigation, Detailed Site Investigation and Confirmation of Remediation Human Health and Ecological Risk Assessment	December, 2018 December, 2018 December, 2018
SITE 21	2019-04-02	CoC	10	YES	DW, RL, PKv	N (listed for service)	APECs include Fill, Heating Oil, Drycleaners, off-site service stn. 13-butadiene DCM, 2-mn all contaminants in gw.	X X X	Summary of Site Condition Report of Findings – Preliminary Site Investigation – Stage 1 and Stage 2, Detailed Site Investigation and Remediation Report of Findings - Human Health and Ecological Risk Assessment	February, 2019 February, 2019 February, 2019
SITE 20	2019-06-06	CoC	9	YES	AWM, DW, RL-hd.	YES	Select Fuel VOCs IDed as PCOCs for soil and gw. 12-DBA and 12-DCA only. Full VOCs assoc with waste oil, service. TMBs contaminants in vapour.	X X X	Summary of Site Condition Report of Findings – Preliminary Site Investigation – Stage 1, Detailed Site Investigation and Remediation Report of Findings - Human Health and Ecological Risk Assessment	March, 2019 February, 2019 February, 2019
	2019-04-11	CoC	4	NO			APECs related to insulating oils, no gasoline or diesel sources.	X X X	Summary of Site Condition Stage 2 Preliminary Site Investigation Detailed Site Investigation and Confirmation of Remediation Report	March 01, 2019 March 01, 2019 March 01, 2019
	2019-04-30	CoC	12	NO	DW, CL.		bus station. Diesel tanks and pump island. VOCs Ided for oil water separator, service and chrome plating. Not for fuel. Elevated EPHs in soil and gw. VOCs analyzed in all media.	X X X X	Summary of Site Condition Stage 1 Preliminary Site Investigation Stage 2 Preliminary Site Investigation and Detailed Site Investigation and Screening Level I Soil Quality Assessment, Underground Product Line Alignment	February, 2019 February, 2019 February, 2019 November, 2018

TABLE A-2: REPORT SCREENING

SLR PCOC Project Site #	Date	Instrument Type	Total # Docs (Sch D)	Candidate?	STDS APPLIED?	Fuel VOCs PCOCs?	FILE REVIEW COMMENTS	RECEIVED?	Document Title	Date
SITE 19	2019-04-30	CoC	18	YES	DW, CL, PLv.	N	Former Fuel BP. Fuel VOCs only IDed as PCOCs for Vapour. VOCs PCOCs for barrel storage, warehouse, fill. VOCs identified as GW contaminants.	X	Summary of Site Conditions	February 08, 2019
								X	Human Health and Ecological Risk Assessment	February, 2019
								X	Administrative Guidance 11 Memorandum	March 25, 2019
								X	Stage 1 Preliminary Site Investigation and Detailed Site Investigation	February, 2019
SITE 10	2019-05-09	CoC	8	MAYBE	DW, CL, RL, PKv.	N (listed for service)	VOCs listed as PCOCs assoc with service station and also on-site and off-site drycleaning operations. Drycleaning VOCs listed as contaminants. PHCs listed as contaminants in soil and gw. Several VOC results.	X	Summary of Site Condition	March, 2019
								X	Report of Findings – Preliminary Site Investigation – Stage 1 and Stage 2, Detailed Site Investigation	March, 2019
								X	Report of Findings – Human Health and Ecological Risk Assessment	March, 2019
								no	Findings – Contamination Migration from offsite	November, 2017
SITE 11	2019-06-28	CoC	6	YES	DW, CL and IL.	YES	Specific VOCs listed as PCOCs assoc w Fueling (EDB and DCA), additional VOCs assoc w solvents and waste oil. PHCs and VOCs listed as contaminants.	X	Screening Level Risk Assessment	March 22, 2019
								X	Summary of Site Condition	March 18, 2019
								X	Preliminary Site Investigation/Detailed Site Investigation/Confirmation of Remediation	March 18, 2019
								no	Report of Findings – Human Health and Ecological Risk Assessment	September 27, 2016
SITE 12	2019-04-23	CoC	9	YES		YES	Several current and historic VOC results. 124TMB listed as contaminant in vapour.	X	Summary of Site Condition	April 05, 2019
								X	Detailed Site Investigation & Confirmation of Remediation	April 05, 2019
								no	Stage 2 Preliminary Site Investigation	December 14, 2016
SITE 18	2019-06-05	CoC	23	YES	AWF, DW> PL, CL, Sed FW Typ.	YES	ENV indicated no additional electronic records. Fuel VOCs PCOCs. 135-TMB exceedances in GW.	X	Summary of Site Condition	April, 2019
								X	Stage 1 and 2 Preliminary Site Investigation, Detailed Site Investigation and Confirmation of Remediation	January, 2019
								X	Human Health and Ecological Risk Assessment	January, 2019
								no	Detailed Site Investigation	September, 2008
SITE 17	2019-06-20	CoC	24	MAYBE	AWF, DW, CL.	N	Former Fuel Service Stn. Fuel VOCs not IDed as PCOCs. VOCs analyzed assoc w waste oil, sumps etc. Off-Site Drycleaner. 8 VOCs in soil, PHC+VOC ND. Several ND VOC GW samples, not confirmed if any have elevated PHCs.	X	Summary of Site Condition	May, 2019
								X	Stage 1 Preliminary Site Investigation and Detailed Site Investigation Update	May 15, 2019
								X	Stage 1 and 2 Preliminary Site Investigation, Detailed Site Investigation and Confirmation of Remediation	January, 2011
	2019-09-30	CoC	10	NO	AWF, DW, CL.		Diesel source. No VOCs in soil. 3 VOCs in gw both PHC and VOCs ND in all 3 samples.	X	Summary of Site Condition	June, 2019
								X	Stage 1 and 2 Preliminary Site Investigation, Detailed Site Investigation and Confirmation of Remediation	June, 2019
								X	Human Health and Ecological Risk Assessment	June, 2019
	2019-08-07	CoC	5	NO	AWM and DW apply.		No fuel-VOCs listed on SoSC as PCOCs	X	Summary of Site Condition	June 17, 2019
								X	Updated Stage 1 Preliminary Site Investigation	June 17, 2019
								X	Report of Findings - Supplemental Detailed Site Investigation and Remediation Report	June 14, 2019
								X	Confirmation of Remediation	June 14, 2019
								X	Summary of Site Investigations	March 03, 2017
	2019-08-07	CoC	8	NO	AWM and DW, RL, CL.		VOC listed as PCOCs associated with waste oil, lubricants, hydrocarbon based concrete release agents. VOCs not listed as PCOCs withing fuelling APECs. SoSC Sec 4.6 lists VPHs (1,210 ug/g) LEPHs (11,600 ug/g) HEPHs (4,580 ug/g) in fuel and fill AECs only and HEPHs in maintenance area. No PHC contamination in groundwater or vapour. VOCs in soil all ND. Locations do not correlate to highest PHC concentrations.	X	Summary of Site Condition	April, 2019
								X	Screening Level Risk Assessment	June, 2019
								X	Stage 1 Preliminary Investigation Update, Stage 2 Preliminary and Detailed Site Investigation	June, 2019
								no	Environmental Site Investigation	November, 2018
								no	Detailed Site Investigation, Phase 1, 2, and 3	April, 2017
	2019-07-10	CoC	10	NO	AWM and DW apply. RLV, CLv, PKv.		VOCs analyzed in soil, gw and vapour. None listed in SoSC Sec 4.6 as above STDs, only LEPHw in GW (Max 600 ug/L). Some lower level LEPHw in GW with coresponding VOC data (ND). Vapour data with corresponding ND soil VOCs.	X	Summary of Site Condition	June, 2019
								X	Report of Findings – Preliminary Site Investigation – Stage 1 and Stage 2, Detailed Site Investigation	May, 2019
								no	Report of Findings – Preliminary Site Investigation – Stage 1 and Stage 2	October, 2017
								no	Heating Oil Underground Storage Tank Decommissioning and Excavation	June, 2017
								no	Soil Quality Assessment	June, 2017
SITE 1	2019-08-12	CoC	8	YES	DW, CLv, off-site RLV, CLv, ILv.	N	1,3,5-TMB in GW listed on CoC. VOCs listed as PCOCs in GW but only associated with off-site drycleaners. Max concn TMB 590 ug/L - assoc w on-site USTs and Pump Islands. Several other elevated PHC concns.	X	Summary of Site Condition	June, 2019
								X	Human Health and Ecological Risk Assessment	May, 2019
								X	Detailed Site Investigation & Confirmation of Remediation	March, 2019
	2019-10-02	CoC	7	Duplicate (see 7474)			DSI/COR Appears to include on-site and off-site. HHERA is specific to off-site	X	Summary of Site Condition	June, 2019
								X	Stage 2 Preliminary Site Investigation, Detailed Site Investigation, and Confirmation of Remediation	June, 2019
								X	Detailed Human Health and Ecological Risk Assessment	June, 2019
SITE 3	2019-10-02	CoC	6	YES	DW, CL, CLv, PKv	N (listed for service)	SOURCE SITE - VOCs assessed in all media, former Service Stn, several fuel VOCs listed in SoSC Max Conc'n table. In GW - 135-TMB (114 ug/L), DCM (60 ug/L), 1,2-DBA (0.8 ug/L), and vapour	X	Summary of Site Condition	June, 2019
								X	Detailed Site Investigation	June, 2019
								X	Summary of Site Condition	June, 2019
	2019-08-19	CoC	11	NO	AWM, DW, CL, RLhd, RLV, Pkv		Former Service Stn. General VOCs run in all media due to waste oil/auto service, not including key fuel VOCs and not listed as fuel PCOCs (except for vapour). No PHCs or VOCs listed under Max Concs (only metals in soil). Rvw of DSI indicates PHCs mostly ND.	X	Confirmation of Remediation Report	June, 2019
								X	Summary of Site Condition	July 05, 2019
								X	Preliminary and Detailed Site Investigation and Remediation Confirmation	June 24, 2019
SITE 2	2019-08-08	CoC	3	YES	DW, RL-ld	N	Aviation Fuel. VOCs not listed as PCOCs for soil or GW, only Vapour. Max concns in soil LEPHs (3070 ug/g), VPHs (540 ug/g). No GW or Vapour listed. Rvw of tables indicates select fuel VOCs were analyzed in soil where max concns found. GW analyzed but ND. Vapour data available.	no	Environmental Soil Assessment and Remediation – Aviation Fuel Contaminated Soil	October

TABLE A-2: REPORT SCREENING

SLR PCOC Project Site #	Date	Instrument Type	Total # Docs (Sch D)	Candidate?	STDS APPLIED?	Fuel VOCs PCOCs?	FILE REVIEW COMMENTS	RECEIVED?	Document Title	Date
SITE 4	2019-09-05	CoC	7	YES	AWF and DW. CL.	YES	VOCs listed as PCOCs associated with gasoline and diesel ASTs, USTs and pumps and off-site automotive repair/maintenance. Several PHC parameters listed in SoSC Sec 4.6 (max conc's) in all media. 3 soil samples analyzed for VOCs, all ND - do not correlate to high PHC conc'n sample locations. 3 GW samples analyzed for VOCs all ND but do correlate to locations with moderately elevated BTEX and LEPHw.	X	Summary of Site Condition	July, 2019
								X	Addendum: Stage I PSI, Stage II PSI, Detailed Site Investigation, Remediation and Confirmation	July, 2019
								X	Screening Level Risk Assessment	November, 2018
								X	Remediation and Confirmatory Sampling Report	August, 2018
								X	Detailed Site Investigation	April, 2018
								X	Stage 2 Preliminary Site Investigation	February, 2018
								X	Stage 1 Preliminary Site Investigation	December, 2017
								X	Summary of Site Conditions	October 11, 2019
								X	Stage 1 Update and Detailed Site Investigation	August 01, 2019
								X	Detailed Quantitative Risk Assessment	September 12, 2019
SITE 5	2020-01-20	CoC	47	MAYBE	AWF and DW. CL.	YES	Specific VOCs listed as PCOCs assoc with fuel storage. SOIL - MTBE and ethylene dibromide (EDB) and GW - MTBE, EDB and 1,2-dichloroethane. Relatively high max PHC concns listed in SoSC Sec 4.6, but no GW or Vapour contamination. Interestingly, there was a glycols hit in soil. No soil tables in 2019 DS1, only summary drawings (see Fig 5 and 8). App B contains index of historical analyses. i.e. VOCs in GW Stg 2 1998 (see App C p347). VOCs in soil Dft Stg 1+2 2003. 2016 Data Report VOCs in soil. Looking at the 1998 stage 2 there were PHC concentrations in GW that exceeded current stds and VOCs were run on select samples - but much data is poor quality scans.	no	Data Report, Groundwater and Soil Vapour Samples	May 16, 2018
								no	Remediation Report and Historical Data Rescreening	January 12, 2018
								no	Data Package	January 20, 2017
								no	Data Report	June 29, 2016
								no	Data Report	May 02, 2017
								X	Summary of Site Condition	October, 2019
								X	Supplemental Detailed Site Investigation and Confirmation of Remediation	October 04, 2019
								X	Detailed Site Investigation	November 01, 2017
								X	Stage 2 Preliminary Site Investigation	December 01, 2008
								X	Summary of Site Condition	October 29, 2019
SITE 7	2019-11-18	CoC	9	YES	AWF, DW. RL-ld, CL, RLV, PKv.	N (listed for service)	ENV sent all electronically available reports, including 1992 - 1999 reports not requested. VOCs listed as PCOCs for soil and GW and vapour for service and waste oil. No contaminants in SoSC 4.6 assoc with these APECs. No VOCs in COR report. DS1 tables include several VOC samples.	X	Detailed Site Investigation and Confirmation of Remediation Report	October 04, 2019
								X	Phase I ESA Update	October 17, 2019
								X	Human Health and Ecological Risk Assessment	October 17, 2019
								X	Data Package of Environmental Monitoring and Sampling Results	April, 2015
								X	Summary of Site Condition	September 17, 2019
								X	Addendum to Risk Assessment	September 17, 2019
								X	Addendum to Standards Portion: PSI and DSI	September 16, 2019
								no	Stage 1 and Stage 2 Preliminary Site Investigation and Detailed Site Investigation and Qualification of Remediation	October 05, 2018
								no	Confirmation of Remediation	September 20, 2018
								X	Summary of Site Condition	November, 2019
SITE 6	2020-01-21	CoC	47	YES	AWF and DW. CL, IL, also RLV.	N	ENV provided what they could find electronically. VOCs not listed as PCOCs in soil or gw in fuelling areas (only for vapour), but are listed as analyzed in all media for warehouse, drum storage and waste oil APECs. VOCs listed for gw and vapour on affected parcel. Max LEPHs (26,500 ug/g) and several PHC listed in SoSC Sec 4.6. off-site LNAPL on affected parcel (data included?).	X	Preliminary and Detailed Site Investigation	November, 2019
								X	Human Health and Ecological Risk Assessment	November, 2019
								no	Contamination Beneath Milepost X of X Subdivision	September, 2019
								X	Re: Protocol 6 Preapproval Application for Relief from Delineation	May, 2019
								X	Re: Protocol 6 Preapproval Application for Relief from Delineation	May, 2018
								no	Contamination Beneath Milepost X of X Subdivision	May, 2017
								X	Summary of Site Condition	-
								X	Preliminary and Detailed Site Investigation	November, 2019
								X	Human Health and Ecological Risk Assessment	November, 2019
								no	Re: July 2015 Data Package	July, 2015
SITE 8	2020-01-28	CoC	24	YES	AWF and DW. CL. RLV.	N	VOCs listed as PCOCs assoc w/ waste oil, oil/water separators and carwash. Fuelling infrastructure present. Several PHC present > standards in soil and gw. MTBE plume. Majority remediated to numerical. Fuel stn 1969 - 2012.	X	Detailed Site Investigation	March, 2014
								X	Summary of Site Condition	-
								X	Screening Level Risk Assessment	December 13, 2019
								X	Summary of Site Condition	December 13, 2019
								X	Preliminary Site Investigation/Detailed Site Investigation/Confirmation of Remediation	December 13, 2019
SITE 9	2020-01-28	CoC	24	NO			Off-Site assoc w Site above.	X	Summary of Site Condition	-
								X	Screening Level Risk Assessment	December 13, 2019
								X	Summary of Site Condition	December 13, 2019
								X	Preliminary Site Investigation/Detailed Site Investigation/Confirmation of Remediation	December 13, 2019
SITE 9	2020-03-03	CoC	7	YES	AWM. CL. IL. (DW exempt).	N	VOCs listed as secondary PCOCs assoc with waste oil. TEL identified as PCOC assoc w Gasoline UST and pump islands. PHCs listed as contaminants in soil and groundwater all remediated to RA-based stds. Service Stn decommissioned in 1990's. 2 soil samples run for VOCs, corresponding elevated PHC analysis at 1. 3 gw samples for VOCs with corresponding PHCs.	X	Summary of Site Condition	December 20, 2019
								X	Stage 1 and 2 PSI & DSI	October 01, 2019
								X	Human Health and Ecological Risk Assessment	March 01, 2019

APPENDIX B

Data Tables

Petroleum Hydrocarbon PCOC Data Review,
Soil and Groundwater
SLR Project No.: 205.04020.00000

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	benzene	Petroleum Hydrocarbons						PAHs				VOCs					
		toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPHs	LEPHs	methyl naphthalene, 1-	methyl naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	chloroform	isopropylbenzene	propylbenzene, 1,3,5-	barium
	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
EQL		0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.2	0.2
BC CSR RLd Minimums		0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500
																	350

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time															
SITE 1	1-1560 R (N)	1-1.2	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-1560 R (S)	1.2-1.5	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-2909 G (N)	1-1.2	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-2909 G (S)	1.5-1.8	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-2915 G (N)	0.25-0.6	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-2915 G (S)	1.6-1.8	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-2915 G (S)	1.6-1.8	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-HA1	0.2-0.6	3/7/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-HA2	0.15-0.65	3/7/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-HA3	0.15-0.6	3/7/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-HA4	0.15-0.5	3/7/2018	<0.005	0.094	0.186	1.23	<0.05	<0.2	1370	2170	420	0.421	<0.04	<0.3	-	-	
SITE 1	1-HA4	0.15-0.5	5/24/2018	<0.005	<0.05	<0.045	<0.6	<0.05	<0.2	420	-	-	-	-	-	-	-	
SITE 1	1-HA5	0.1-0.5	3/7/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-HA5	0.1-0.5	3/7/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	<200	<200	<0.05	<0.01	<0.01	-	-	
SITE 1	1-HA6	0.15-0.65	5/24/2018	<0.005	<0.05	<0.045	<0.3	<0.05	<0.2	570	-	-	-	-	-	-	-	
SITE 1	1-HA7	0.1-0.5	5/24/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-HA8	0.2-0.75	5/24/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-HA8	0.2-0.75	5/24/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-MW16-01	3-4.6	3/30/2016	<0.2	<0.05	13.3	6.67	<0.05	0.2	<100	<200	<200	5.68	5.89	-	-	-	
SITE 1	1-MW16-01	6.1-7.6	3/30/2016	0.0681	<0.05	0.223	0.518	<0.05	0.2	<100	<200	<200	0.084	0.135	-	-	-	
SITE 1	1-MW16-02	0-1.5	3/30/2016	<0.005	<0.05	<0.015	<0.075	<0.05	0.2	<100	<200	<200	<0.05	<0.05	-	-	88.5	
SITE 1	1-MW16-02	3-4.6	3/30/2016	<0.09	<0.6	5.52	26.4	<0.05	0.2	580	270	<200	3.37	1.29	-	-	-	
SITE 1	1-MW16-02	9.1-10.7	3/30/2016	<0.005	<0.05	<0.015	<0.075	<0.05	0.2	<100	<200	<200	<0.05	<0.05	-	-	-	
SITE 1	1-MW16-03	0-0.15	3/29/2016	<0.005	<0.05	<0.015	<0.075	<0.05	0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-MW16-03	0.1-1.5	3/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	113	
SITE 1	1-MW16-03	4.6-6.1	3/29/2016	0.0204	<0.05	0.036	<0.075	<0.05	0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-MW16-03	6.1-7.6	3/29/2016	<0.005	<0.05	<0.015	<0.075	<0.05	0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-MW16-04	0-0.15	3/29/2016	<0.005	<0.05	<0.015	<0.075	<0.05	0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-MW16-04	0.1-1.5	3/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	75.7	
SITE 1	1-MW16-04	3-4.6	3/29/2016	<0.005	<0.05	<0.015	<0.075	<0.05	0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-MW16-05	0-0.15	3/29/2016	<0.005	<0.05	<0.015	<0.075	<0.05	0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-MW16-05	0.1-1.5	3/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	87.7	
SITE 1	1-MW16-05	4.6-6.1	3/29/2016	0.0877	<0.05	0.1	<0.075	<0.05	0.2	<100	-	-	-	-	-	-	-	
SITE 1	1-MW-A	3-3.7	5/14/2015	3.1	397	127	765	0.247	0.2	2940	500	<200	6.82	9.94	-	<1	-	80.7
SITE 1	1-MW-A	6.1-6.7	5/14/2015	0.0207	<0.05	<0.015	<0.075	<0.05</										

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	Petroleum Hydrocarbons								PAHs				VOCs					
					benzene	toluene	ethylbenzene	total xylenes	styrene	[methyl] tert-butyl ether [MTBE]	vPHs	LPHs	HEPhs	methyl/naphthalene, 1-	naphthalene	methylnaphthalene, 2-	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
					µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
EQL					0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	-	<0.01	<0.01	-	-	-	-	-	
BC CSR RLd Minimums					0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	150	350
SITE 18	18-BH08-7	2-2.15	3/10/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	-	-	-	-	-	
SITE 18	18-BH08-7	7-7.6	3/13/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	-	-	-	-	-	
SITE 18	18-BH08-7	9.1-9.4	3/13/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	0.01	<0.01	-	-	-	-	-	-	
SITE 18	18-BH08-8	1.4-1.55	3/11/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	-	-	-	-	-	
SITE 18	18-BH08-8	6.4-7	3/12/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	-	-	-	-	-	
SITE 18	18-BH08-8	10.1-10.4	3/12/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	-	-	-	-	-	
SITE 18	18-BH08-9	2.3-2.45	3/11/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	-	-	-	-	-	
SITE 18	18-BH08-9	3.4-4	3/12/2008	<0.02	<0.05	<0.02	<0.1	<0.1	<0.1	<40	<100	175	-	<0.02	<0.02	-	-	-	-	-	-	
SITE 18	18-BH12	8.8-10	12/7/1999	<0.04	<0.1	<0.1	<0.1	-	-	<10	<10	<10	-	-	-	-	-	-	-	-	-	
SITE 18	18-BH13	9.1-10	12/8/1999	<0.04	<0.1	<0.1	<0.1	-	-	<10	53	<10	-	-	-	-	-	-	-	-	-	
SITE 18	18-BH15	7.9-8.2	12/8/1999	<0.16	4.8	5.5	46	-	-	160	470	16	-	-	-	-	-	-	-	-	-	
SITE 18	18-BH3	0.6-0.75	10/19/1999	<0.04	<0.05	<0.05	<0.1	-	-	<100	<200	<200	-	-	-	-	-	-	-	-	-	
SITE 18	18-BH3	2.1-2.25	10/19/1999	<0.04	<0.05	<0.05	<0.1	-	-	<100	<200	<200	-	-	-	-	-	-	-	-	-	
SITE 18	18-BH4	3.7-3.85	10/20/1999	<0.04	<0.05	<0.05	<0.1	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 18	18-CR16	0	10/29/2003	<0.04	<0.05	<0.05	<0.1	<0.05	-	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 18	18-CR24	0	10/29/2003	<0.04	<0.05	<0.05	<0.1	<0.05	-	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 18	18-CR27	0	10/30/2003	<0.04	<0.05	<0.05	<0.1	<0.05	-	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 18	18-CR32	0	10/30/2003	<0.04	<0.05	<0.05	<0.1	<0.05	-	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 18	18-CR4	0	10/29/2003	<0.04	<0.05	<0.05	<0.1	<0.05	-	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 18	18-CR40	0	10/30/2003	<0.04	<0.05	<0.05	<0.1	<0.05	-	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 18	18-CR40	0	10/30/2003	<0.04	<0.05	<0.05	<0.1	<0.05	-	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 18	18-CR44	0	11/13/2003	<0.04	<0.05	<0.05	<0.1	<0.05	<0.05	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 18	18-CR46	0	11/13/2003	<0.04	<0.05	0.24	<0.05	<0.05	<100	710	<200	-	-	1	-	-	-	-	-	-	-	
SITE 18	18-CR46	0	11/13/2003	<0.04	<0.05	0.32	<0.05	<0.05	<100	780	<200	-	-	1	-	-	-	-	-	-	-	
SITE 18	18-CR5	0	10/29/2003	<0.04	<0.05	0.05	<0.1	<0.05	-	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 18	18-CR52	0	11/14/2003	<0.04	<0.05	0.05	<0.1	<0.05	<0.05	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 18	18-CR53	0	11/14/2003	<0.04	<0.05	0.05	<0.1	<0.05	<0.05	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 18	18-CR55	0	11/14/2003	<0.04	<0.05	0.05	<0.1	<0.05	<0.05	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 18	18-MW12-1D	6.7-6.9	7/5/2012	<0.005	<0.04	<0.04	10	5.4	55	-	<0.1	160	-	-	-	-	-	-	-	-	-	
SITE 18	18-MW12-1D	8.5-8.8	7/5/2012	<0.005	<0.04	<0.04	13	7.3	190	120	<100	-	2	2.7	-	-	-	-	-	-	-	
SITE 18	18-MW12-1D	10.7-11	7/5/2012	<0.005	<0.04	<0.04	14	0.06	0.021	0.085	-	<0.1	<10	<100	-	<0.05	<0.05	-	-	-	-	
SITE 18	18-MW14-1MD	0.3																				

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

EQL	Petroleum Hydrocarbons										PAHs			VOCs			Metals		
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPHs	LEPHs	HEPHs	methyl naphthalene, 1-	methyl naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1,3,5-	trimethylbenzene, 1,3,5-	barium
BC CSR RLd Minimums	0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	1500	150	350
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	0.2	0.2

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs				Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	uPHs	LPHs	HEPhs	methyl/naphthalene, 1-	naphthalene	methylnaphthalene, 2-	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium		
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2			
BC CSR RLd Minimums	0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	150	350		
Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time																	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	0.2	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	0.19	<0.5	0.9	<0.1	-	450	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	110	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	0.8	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	&														

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Petroleum Hydrocarbons												PAHs				VOCs				Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	uPHs	LPHs	HEPhs	methyl/naphthalene, 1-	methyl/naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium			
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.08	0.02	0.02	0.02	0.01	0.08	0.02	0.02			
BC CSR RLd Minimums	0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	1500	150	350			
Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time																			
SITE 19	19-EXC06-WW1	0.8-1	8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-		
SITE 19	19-M14-01	3.1		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-01	3.1	6/9/2014	0.92	0.33	0.037	<0.04	<0.03	-	<10	<100	123	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-01	6.9		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-02	2.3	6/9/2014	0.013	0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-02	2.3	6/9/2014	130	1000	230	1300	<1.5	-	6900	2080	246	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-02	6.1		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-02	6.1	6/9/2014	0.18	0.099	0.025	0.1	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-03	2.3		-	-	-	-	-	-	-	-	-	9.5	5.3	-	-	-	-	-	-	-	
SITE 19	19-M14-03	2.3	6/9/2014	2.2	<0.038	6.2	0.16	<0.03	-	220	948	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-03	7.6		-	-	-	-	-	-	-	-	-	0.85	0.54	-	-	-	-	-	-	-	
SITE 19	19-M14-03	7.6	6/9/2014	0.21	0.039	0.75	0.057	<0.03	-	48	115	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-04	3.1		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-04	3.1	6/10/2014	0.01	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-04	6.8		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-04	6.8	6/10/2014	0.032	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-05	3.1		-	-	-	-	-	-	-	-	-	6.4	2.4	-	-	-	-	-	-	-	
SITE 19	19-M14-05	3.1	6/10/2014	1.9	<0.033	3.6	6.4	<0.03	-	140	1490	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-05	7.6		-	-	-	-	-	-	-	-	-	0.55	0.2	-	-	-	-	-	-	-	
SITE 19	19-M14-05	7.6	6/10/2014	0.085	0.082	0.13	0.41	<0.03	-	12	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-06	3.1		-	-	-	-	-	-	-	-	-	1.6	6.9	-	-	-	-	-	-	-	
SITE 19	19-M14-06	3.1	6/10/2014	4.5	<0.02	6.7	0.14	<0.03	-	140	2310	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-06	6.1		-	-	-	-	-	-	-	-	-	1.9	0.92	-	-	-	-	-	-	-	
SITE 19	19-M14-06	6.1	6/10/2014	1.7	0.047	1.1	0.22	<0.03	-	39	317	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-07	1.5		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-07	1.5	6/10/2014	0.068	<0.02	0.2	<0.04	<0.03	-	16	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-07	5.3		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-07	5.3	6/10/2014	0.0092	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-08	3.1		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-08	3.1	6/11/2014	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-08	6.9		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-08	6.9	6/11/2014	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-09	2.3		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-09	2.3	6/11/2014	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-09	5.3		-	-	-	-	-	-	-	-	-	0.05	0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-09	5.3	6/11/2014	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-10	2.3		-	-	-	-	-	-	-	-	-	0.082	<0.1	-	-	-	-	-	-	-	
SITE 19	19-M14-10	2.3	6/11/2014	<0.1	<0.02	1.8	<0.04	<0.03	-	220	415	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-10	7.6		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs				Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	vPHs	LPHs	HEPhs	methylnaphthalene, 1-	naphthalene	methylnaphthalene, 2-	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	250	60	0.6	2	3.5	5	1500	1500	150	350	
BC CSR RLd Minimums	0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	1500	150	350	

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	0.07	<0.5	<0.5	0.5	<0.5	-	310	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO5-5		8/31/2005	0.07	<0.5	<0.5	0.5	<0.5	-	310	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO5-5		8/31/2005	0.08	<0.5	<0.5	0.6	<0.5	-	170	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO5-5		8/31/2005	0.05	<0.5	<0.5	1.3	<0.5	-	540	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO5-5		8/31/2005	0.05	<0.5	<0.5	0.8	<0.5	-	220	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-
SITE 19	19-SPO6-1		8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-</					

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	Petroleum Hydrocarbons							PAHs				VOCs				Metals		
					benzene	toluene	ethylbenzene	total xylenes	styrene	[methyl] tert-butyl ether [MTBE]	VPHs	LPHs	HEPhs	methyl/naphthalene, 1-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
EQL					0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.08	0.02	0.02	0.2	0.2		
BC CSR RLd Minimums					0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	150	350
SITE 19	19-TP04-8	0.9-1	7/27/2004		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP04-9	0.8-0.9	7/27/2004		0.08	<0.5	<0.5	<0.5	<0.5	-	260	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-1	0.15-0.25	6/1/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-10	0.7-0.8	6/1/2005		2.7	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-11	0.4-0.5	6/1/2005		<0.04	<0.5	<0.5	4.9	<0.5	-	1400	26,000	3100	-	-	-	-	-	-	-		
SITE 19	19-TP05-12		8/9/2005		5.3	0.1	2.8	26	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-12	0.7-0.8	6/1/2005		120	240	180	1100	<0.5	-	6000	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-13	0.7-0.8			-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-		
SITE 19	19-TP05-13	0.7-0.8	6/1/2005		0.21	<0.5	<0.5	0.5	<0.5	-	<100	<250	<250	-	-	-	-	-	-	-		
SITE 19	19-TP05-14	0.4-0.5	6/1/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-15	0.4-0.5	6/1/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-16	0.15-0.25	6/1/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-17	0.4-0.5	6/1/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-18	0.4-0.5			-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-		
SITE 19	19-TP05-18	0.4-0.5	6/1/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	<250	<250	-	-	-	-	-	-	-		
SITE 19	19-TP05-19	0.7-0.8	6/1/2005		0.06	<0.5	<0.5	<0.5	<0.5	-	130	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-2	0.4-0.5	6/1/2005		0.89	0.07	0.62	0.1	<0.05	-	<100	-	-	-	-	<0.05	<0.1	-	-	-		
SITE 19	19-TP05-20	0.8-0.9	6/2/2005		0.08	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-21	0.3-0.4	6/2/2005		-	-	-	-	-	-	-	-	-	-	11	5.5	-	-	-	-		
SITE 19	19-TP05-21	0.3-0.4	6/2/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	210	5800	700	-	-	-	-	-	-	-		
SITE 19	19-TP05-22	0.4-0.5	6/2/2005		0.04	<0.5	0.8	1	<0.5	-	110	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-23	0.7-0.8			-	-	-	-	-	-	-	-	-	-	6	1.9	-	-	-	-		
SITE 19	19-TP05-23	0.7-0.8	6/2/2005		18	0.8	54	83	<0.5	-	2800	3700	<250	-	-	-	-	-	-	-		
SITE 19	19-TP05-24	0.4-0.5	6/2/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	250	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-25	0.7-0.8	6/2/2005		0.44	<0.5	3.8	22	<0.5	-	1300	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-25	0.7-0.8	6/2/2005		1.5	<0.5	5.3	13	<0.5	-	690	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-26	0.4-0.5	6/2/2005		0.04	<0.5	<0.5	<0.5	<0.5	-	160	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-27	0.7-0.8	6/2/2005		4.1	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-28	0.7-0.8	6/2/2005		1.4	<0.5	0.5	1.1	<0.5	-	<100	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-29	0.9-1	6/2/2005		0.64	1.8	87	250	<0.5	-	5000	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-3	0.7-0.8	6/1/2005		3.2	<0.5	7.9	5.1	<0.5	-	100	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-30	0.4-0.5			-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-		
SITE 19	19-TP05-31	0.7-0.8	6/2/2005		0.14	<0.5	<0.5	<0.5	<0.5	-	<100	<250	<250	-	-	-	-	-	-	-		
SITE 19	19-TP05-32	0.7-0.8	6/2/2005		7.2	0.8	20	43	<0.5	-	1400	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-33	0.4-0.5			-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-		
SITE 19	19-TP05-33	0.4-0.5	6/2/2005		<0.01	<0.01	<0.01	<0.01	<0.01	-	<100	<250	<250	-	<0.05	<0.05	<0.01	<0.02	-	-		
SITE 19	19-TP05-34	0.7-0.8	6/2/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	250	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-35	0.4-0.6	8/26/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-		
SITE 19	19-TP05-36	0.4-0.6	8/26/2005		<0.04	<0.5	<0.5	<														

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Petroleum Hydrocarbons											PAHs				VOCs				Metals			
	benzene	toluene	ethylbenzene	total xylenes			styrene	methyl tert-butyl ether [MTBE]	VPHs		LEPHs		HEPhs		methyl/naphthalene, 1-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	1000	1000	250	60	0.6	2	3.5	5	1500	1500	0.2	0.2		
BC CSR RLd Minimums	0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	150	350					
Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time																				
SITE 20	20-BH15	9.3	9/8/2010	0.22	0.14	1.9	16	-	680	1590	318	-	-	3.1	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH15	10.4	9/8/2010	0.14	0.11	1.1	8	-	460	981	202	-	-	2	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH16	7.3	9/8/2010	<0.005	<0.025	<0.01	<0.1	-	<10	<100	<100	-	-	0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH16	10.4	9/8/2010	<0.005	<0.025	<0.01	<0.1	-	<10	<100	<100	-	-	<0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH17	6.7	9/7/2010	<0.01	0.66	4.4	28	-	180	<100	<100	-	-	0.86	<0.1	<0.1	<0.03	-	-	-	-	-	
SITE 20	20-BH17	6.7	9/7/2010	<0.005	<0.03	0.06	0.2	-	<10	<100	<100	-	-	0.4	<0.1	<0.03	<0.03	-	-	-	-	-	
SITE 20	20-BH17	11.6	9/7/2010	<0.005	<0.03	<0.01	<0.1	-	<10	<100	<100	-	-	<0.01	<0.1	<0.03	<0.03	-	-	-	-	-	
SITE 20	20-BH18	11	9/8/2010	<0.005	<0.025	<0.01	<0.1	-	<10	<100	<100	-	-	<0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH18	11	9/8/2010	<0.005	<0.025	<0.01	<0.1	-	<10	<100	<100	-	-	<0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH19	3.7	9/9/2010	<0.005	<0.025	<0.01	<0.1	-	<10	<100	<100	-	-	<0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH19	4.9	9/9/2010	<0.005	<0.025	<0.01	<0.1	-	15	<100	<100	-	-	<0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH19	4.9	9/9/2010	<0.005	<0.025	<0.01	<0.1	-	20	<100	<100	-	-	<0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH19	5.5	9/9/2010	<0.005	<0.025	<0.01	<0.1	-	<10	<100	<100	-	-	<0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH20	1	9/10/2010	<0.005	<0.025	<0.01	<0.1	-	<10	<100	<100	-	-	<0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH20	1	9/10/2010	<0.005	<0.025	<0.01	<0.1	-	<10	<100	<100	-	-	<0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH21	4.9	9/9/2010	4.9	160	81	590	-	930	872	<100	-	-	3.9	<0.1	<0.25	<0.25	-	-	160	-	-	
SITE 20	20-BH21	3.3	9/9/2010	3.3	150	75	550	-	650	893	<100	-	-	20	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH21	0.16	9/9/2010	10	8.5	63	-	110	<100	<100	-	-	3	<0.1	<0.25	<0.25	-	-	-	-	-		
SITE 20	20-BH21	0.16	9/9/2010	<0.005	<0.025	<0.01	<0.1	-	<10	<100	<100	-	-	<0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH22	1	9/13/2010	<0.005	<0.03	<0.01	<0.1	-	<10	<100	<100	-	-	<0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH22	1	9/13/2010	<0.005	<0.03	<0.01	<0.1	-	<10	<100	<100	-	-	<0.01	<0.1	<0.25	<0.25	-	-	-	-	-	
SITE 20	20-BH49	1.8	1/21/2011	0.006	0.039	0.86	13	-	2700	7290	1340	-	-	3.9	<0.1	<0.25	<0.25	-	-	160	-	-	
SITE 20	20-TH10	1.8	6/17/2010	2.6	0.21	0.39	4.9	-	24	<100	912	-	-	<0.06	<0.1	<0.03	<0.03	-	-	-	-	-	
SITE 20	20-TH11	2.4	6/17/2010	0.24	<0.03	0.03	0.1	-	<10	<100	<100	-	-	0.07	<0.1	<0.03	<0.03	-	-	-	-	-	
SITE 20	20-TH15	2.4	6/17/2010	0.1	<0.03	0.03	0.2	-	<10	-	-	-	-	<0.1	<0.03	<0.03	-	-	-	-	-		
SITE 20	20-TH16	2.4	6/17/2010	0.019	<0.03	0.25	0.9	-	<10	-	-	-	-	<0.1	<0.03	<0.03	-	-	-	-	-		
SITE 20	20-TH16	2.4	6/17/2010	0.011	<0.03	0.18	0.6	-	<10	-	-	-	-	<0.1	<0.03	<0.03	-	-	-	-	-		
SITE 20	20-TH17	2.4	6/18/2010	0.023	<0.03	0.08	0.5	-	<10	-	-	-	-	<0.1	<0.03	-	-	-	-	-	-		
SITE 20	20-TH18	3	6/18/2010	<0.005	<0.03	0.01	<0.1	-	<10	<100	<100	-	-	<0.1	<0.03	-	-	-	-	-	-		
SITE 20	20-TH18	3	6/18/2010	<0.005	<0.03	0.01	<0.1	-	<10	219	<100	-	-	<0.8	<0.1	<0.03	-						

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	Petroleum Hydrocarbons								PAHs				VOCs				Metals	
					benzene	toluene	ethylbenzene	total xylenes	styrene	[methyl] tert-butyl ether [MTBE]	vPHs	LPHs	HEPhs	methyl/naphthalene, 1-	methyl/naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
EQL					0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.02	0.2	0.2
	BC CSR RLld Minimums				0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	1500	350
SITE 22	22-BH37	14.7-14.7	11/4/1998	<0.04	<0.05	<0.05	<0.05	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH37	18.9-18.9	11/4/1998	<0.04	<0.05	<0.05	<0.05	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH37	20.7-20.7	11/4/1998	<0.04	<0.05	<0.05	<0.05	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH37	20.7-20.7	11/4/1998	<0.04	<0.05	<0.05	<0.05	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH38	2.4-2.4	11/20/2000	<0.04	<0.05	<0.05	<0.1	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH38	6.1-6.1	11/20/2000	<0.04	<0.05	<0.05	0.6	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH38	6.7-6.7	11/20/2000	<0.04	14.1	45.6	375	-	-	1740	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH38	7.3-7.3	11/20/2000	<0.04	12	19.8	168	-	-	613	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH38	8.5-8.5	11/20/2000	<0.04	<0.05	<0.05	<0.1	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH39	2.4-2.4	11/20/2000	<0.04	0.05	0.33	0.1	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH39	4.9-4.9	11/20/2000	<0.04	6.36	9.01	87.1	-	-	353	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH39	6.7-6.7	11/20/2000	<0.04	1.68	1.87	161	-	-	546	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH39	7.9-7.9	11/20/2000	<0.04	<0.05	<0.05	<0.1	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH4	3.5-3.8	11/22/1995	<0.05	<0.05	<0.05	<0.05	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH40	2.4-2.4	11/20/2000	<0.04	<0.05	<0.05	<0.1	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH40	4.3-4.3	11/20/2000	<0.04	<0.05	<0.05	<0.1	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH40	6.1-6.1	11/20/2000	<0.04	<0.05	<0.05	<0.1	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH40	8.5-8.5	11/20/2000	<0.04	1.2	1.83	9.4	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH41	4.3-4.3	11/20/2000	<0.04	<0.1	<0.05	<0.1	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH41	5.5-5.5	11/20/2000	<0.04	<0.05	<0.05	0.3	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH42	3.05-3.05	12/19/2003	<0.04	<0.05	<0.05	<0.1	-	-	<0.05	<100	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH42	5.33-5.33	12/19/2003	<0.04	<0.05	<0.05	<0.1	-	-	<0.05	<100	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH42	8.23-8.23	12/19/2003	<0.04	<0.05	<0.05	<0.1	-	-	<0.05	<100	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH43 (offsite)	4.9	12/19/2003	<0.04	<0.05	<0.05	<0.1	-	-	<0.05	<100	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH43 (offsite)	6.7	12/19/2003	<0.04	<0.05	<0.05	<0.1	-	-	<0.05	<100	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH43 (onsite)	3	12/19/2003	<0.04	<0.05	<0.05	<0.1	-	-	<0.05	<100	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH44 (offsite)	6.1	12/19/2003	<0.04	<0.05	0.12	1.04	-	-	<0.05	<100	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH44 (offsite)	6.1	12/19/2003	<0.04	0.441	4.51	-	-	<0.05	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH44 (onsite)	3	12/19/2003	<0.04	<0.05	<0.05	<0.1	-	-	<0.05	<100	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH44 (onsite)	4.3	12/19/2003	<0.04	<0.05	<0.05	<0.1	-	-	<0.05	<100	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH45 (offsite)	4.3	12/19/2003	<0.04	<0.05	0.05	1.2	1.83	9.4	-	-	<100	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH45 (offsite)	5.5	12/19/2003	<0.04	<0.05	<0.05	<0.1	-	-	<0.05	<100	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH45 (offsite)	7.3	12/19/2003	<0.04	2.05	34.5	217	-	-	<0.05	1360	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH45 (offsite)	7.3	12/19/2003	<0.04	1.27	24.4	161	-	-	<0.05	1050	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH45 (onsite)	2.4	12/19/2003	<0.04	<0.05	<0.05	<0.1	-	-	<0.05	<100	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH5	2.3-2.6	11/22/1995	<0.05	<0.05	<0.05	<0.05	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH6	4.1-4.4	11/2																			

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Petroleum Hydrocarbons										PAHs					VOCs					Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	vPHs	LPHs	HEPhs	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium			
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.02	0.02	0.02	0.2			
BC CSR RLd Minimums	0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	1500	150	350			
Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time																			
SITE 22	22-TH5	5.33-5.64	2/6/1996	<0.1	<0.1	<0.1	<0.4	-	-	44	-	-	-	-	-	-	-	-	-	-		
SITE 22	22-TH6	5.33-5.64	2/6/1996	<0.05	0.206	0.1	0.299	-	-	<10	-	-	-	-	-	-	-	-	-	-		
SITE 22	22-TH7	6.55-6.71	2/7/1996	<5	199	116	904	-	-	1890	-	-	-	-	-	-	-	-	-	-		
SITE 22	22-TH8	2.95-3.2	2/7/1996	<0.05	0.075	0.088	0.558	-	-	<10	-	-	-	-	-	-	-	-	-	77		
SITE 22	22-TH8	6.55-6.71	2/7/1996	<1	24.6	23.5	125.5	-	-	428	-	-	-	-	-	-	-	-	-	72		
SITE 22	22-TH9	5.9-6.1	11/19/1996	<0.2	<0.1	0.53	4.15	-	-	91	-	-	-	-	-	-	-	-	-	-		
SITE 22	22-Wall A-B	5.5	2/5/1996	<0.1	<0.1	0.528	3.345	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22	22-Wall B-C	4.9	2/1/1996	0.343	18.1	6.77	73.8	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22	22-Wall C-D	1.8	2/2/1996	<0.1	<0.1	<0.3	0.38	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22	22-Wall C-D	4.3	2/2/1996	<0.2	<0.2	5	29.75	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22	22-Wall D-A	3.7	2/2/1996	<0.05	<0.05	0.104	0.487	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 3	3-BH01-01	0.5	11/8/2001	<0.01	<0.01	<0.01	0.02	-	-	<10	<10	-	-	-	-	-	-	-	-	313.86		
SITE 3	3-BH01-01	1	11/8/2001	<0.01	<0.01	<0.01	0.07	-	-	<10	<10	-	-	-	-	-	-	-	-	106.11		
SITE 3	3-BH01-02	2	11/8/2001	<0.01	<0.01	<0.01	0.04	-	-	<10	<10	-	-	-	-	-	-	-	-	77.18		
SITE 3	3-BH01-03	1	11/8/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	107.53		
SITE 3	3-BH01-04	0.5	11/8/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	74.07		
SITE 3	3-BH01-04	2	11/8/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	73.95		
SITE 3	3-BH01-04	3	11/8/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	82.63		
SITE 3	3-BH01-05	0.2	11/8/2001	<0.01	<0.01	<0.01	0.03	-	-	406	<10	-	-	-	-	-	-	-	-	381.67		
SITE 3	3-BH01-06	0.2	11/8/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	156.93		
SITE 3	3-BH01-06	1.5	11/8/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	80.98		
SITE 3	3-BH01-06	2.5	11/8/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	87.09		
SITE 3	3-BH01-07	0.2	11/8/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	159.68		
SITE 3	3-BH01-08	0.5	11/8/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	606.15		
SITE 3	3-BH01-10	0.2	10/9/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1003		
SITE 3	3-BH01-11	0.2	10/9/2001	-	-	-	-	-	-	-	176	235	-	-	-	-	-	-	-	-	847	
SITE 3	3-BH01-13	0.3	10/9/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1171		
SITE 3	3-BH01-14	0.3	10/9/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	360		
SITE 3	3-BH01-14	1.5	10/9/2001	<0.01	<0.01	<0.01	<0.01	-	-	12	<10	-	-	-	-	-	-	-	-	-		
SITE 3	3-BH01-15	2	10/9/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-		
SITE 3	3-BH01-15	0.4	10/9/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1369		
SITE 3	3-BH16-01	0.46-0.61	6/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 3	3-BH16-01	1.83-1.98	6/7/2016	0.54	0.076	1.9	8.5	<0.03	<0.1	57	<100	<100	-	0.66	0.68	<0.1	<0.025	-	-	110		
SITE 3	3-BH16-01	1.83-1.98	6/7/2016	-	-	-	-	-	-	<100	<100	-	0.89	0.89	-	-	-	-	-	106		
SITE 3	3-BH16-01	2.74-2.9	6/8/2016	0.84	0.26	0.92	1.1	<0.03	<0.1	<10	<100	<100	-	0.63	0.62	<0.1	<0.025	-	-	-		
SITE 3	3-BH16-01	3.66-3.81	6/8/2016	0.43	0.046	0.58	0.33	<0.03	<0.1	<10	-	-	-	-	-	-	-	-	-	-		
SITE 3	3-BH16-02	1.22-1.37	6/7/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	<0.1	<0.1	<0.025	-	-	-	35.5		
SITE 3	3-BH16-02	2.9-3.05	6/8/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	<0.05	<0.05	<0.1	<0.025	-	-	-		
SITE 3	3-BH16-03	0.46-0.61	6/7/2016	0.023	0.064	0.088	1	<0.03	<0.1	260	-	-	-	-	-	-	-	-	-	237		
SITE 3	3-BH16-03	0.91-1.07	6/7/2016	<0.																		

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

EQL	Petroleum Hydrocarbons										PAHs			VOCs			Metals		
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPHs	LEPHs	HEPHs	methyl naphthalene, 1-	methyl naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1,3,5-	trimethylbenzene, 1,3,5-	barium
BC CSR RLd Minimums	0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	1500	150	350
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	0.2	0.2

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	Petroleum Hydrocarbons										PAHs				VOCs			
					benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	uPHs	LPHs	HEPhs	methylnaphthalene, 1-	naphthalene	methylnaphthalene, 2-	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
					µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
EQL					0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	-	-	-	-	-	-	-	-	
BC CSR RLd Minimums					0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	150	350
SITE 5	5-BH15-13	4.6-4.8	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH15-13	5.8-6	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH15-21	0.6-0.85	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH15-21	2.2-2.4	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH15-21	4.1-4.3	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH15-21	4.1-4.3	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH16	3	11/25/2003	<0.04	<0.1	0.37	0.6	-	-	280	-	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17	3.3	11/27/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	<100	<100	220	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-01	0.3-0.5	4/26/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-01	0.8-1	4/26/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-02	0.3-0.5	4/27/2017	<0.005	<0.02	0.016	0.045	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-02	0.8-1	4/27/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-03	0.3-0.5	4/27/2017	<0.005	0.026	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-03	0.8-1	4/27/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-04	0.3-0.5	4/27/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	110	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-04	0.8-1	4/27/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	120	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-05	0.3-0.5	4/28/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-05	0.8-1	4/28/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-06	0.3-0.5	4/28/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-06	0.8-1	4/28/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-07	0.3-0.5	4/28/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	110	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-07	0.8-1	4/28/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	120	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-13	0.3-0.5	4/25/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-13	0.8-1	4/25/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-14	0.3-0.5	4/26/2017	<0.005	0.027	<0.01	0.06	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-14	0.8-1	4/26/2017	0.0075	<0.02	<0.01	<0.04	<0.03	-	<10	<100	170	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-15	0.3-0.5	4/26/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	290	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-15	0.8-1	4/26/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	710	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-20	0.3-0.5	4/26/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-20	0.8-1	4/26/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-21	0.3-0.5	4/25/2017	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-21	0.8-1	4/25/2017	0.01	0.034	<0.01	<0.04	<0.03	-	<10	<100	190	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH17-21	0.8-1	4/25/2017	<																		

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	Petroleum Hydrocarbons										PAHs			VOCs				Metals	
					benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPHs	LPHs	HEPhs	methylnaphthalene, 1-	naphthalene	methylnaphthalene, 2-	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
					µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
EQL					0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	1000	250	0.05	0.01	0.01	0.08	0.02	0.02	0.2	
	BC CSR RLd Minimums				0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	1500	150	350
SITE 5	5-BH5	4.6	6/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	15	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH6	3	6/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	120	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH6	3.8	6/3/2003	<0.04	<0.1	0.16	0.1	-	-	38	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH6	4.6	6/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH7	3	6/3/2003	<0.04	<0.1	0.74	0.7	-	-	390	320	<100	-	-	-	-	-	<0.03	<0.03	-	-	-	-
SITE 5	5-BH7	3.8	6/3/2003	<0.04	<0.1	0.66	1.4	-	-	160	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH7	4.6	6/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH8	1.5	6/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH8	3	6/3/2003	<0.04	<0.1	0.58	0.9	-	-	93	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH90-4	4.9	2/1/1990	11	<0.05	0.3	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH90-5	4.3	2/1/1990	1.3	0.47	0.58	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH98-1	2.4	4/27/1998	-	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH98-2	1.7	4/27/1998	-	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH98-3	2.6	4/27/1998	<0.02	<0.02	<0.02	<0.08	-	-	<1	<10	<10	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH98-4	3.2	4/27/1998	<0.02	<0.02	<0.02	<0.08	-	-	<1	<10	<10	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH98-5	0.8	4/27/1998	-	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH98-6	3.7	4/27/1998	<0.02	0.33	4.3	<0.91	-	-	8.8	420	46	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH98-7	0.5	4/27/1998	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-BH98-8	4	4/27/1998	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-MW/SV15-07	1.3-1.5	12/1/2015	-	-	-	-	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 5	5-MW/SV15-07	4.4-4.6	12/1/2015	-	-	-	-	-	-	<0.1	42	-	-	-	-	-	-	<0.025	<0.025	-	-	-	-
SITE 5	5-MW/SV15-07	4.4-4.6	12/1/2015	-	-	-	-	-	-	<0.1	51	-	-	-	-	-	-	<0.025	<0.025	-	-	-	-
SITE 5	5-MW/SV15-07	5.8-6	12/1/2015	-	-	-	-	-	-	<0.1	<10	-	-	-	-	-	-	<0.025	<0.025	-	-	-	-
SITE 5	5-MW/SV15-10	2.1-2.3	12/1/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	<0.025	<0.025	-	-	-	-
SITE 5	5-MW/SV15-10	3.7-3.9	12/1/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	<0.025	<0.025	-	-	-	-
SITE 5	5-MW/SV15-10	5.1-5.2	12/1/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	<0.025	<0.025	-	-	-	-
SITE 5	5-MW/SV15-10	5.1-5.2	12/1/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	<0.025	<0.025	-	-	-	-
SITE 5	5-MW/SV15-16	0.6-0.8	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	<0.025	<0.025	-	-	-	-
SITE 5	5-MW/SV15-16	2.2-2.4	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	<0.025	<0.025	-	-	-	-
SITE 5	5-MW/SV15-16	3.7-3.9	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	<0.025	<0.025	-	-	-	-
SITE 5	5-MW/SV15-16	5.2-5.4	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	<0.025	<0.025	-	-	-	-
SITE 5	5-MW/SV15-17	0.6-0.8	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-</td								

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	Petroleum Hydrocarbons												PAHs				VOCs			
				benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	uPHs	LEPhs	HEPhs	methylnaphthalene, 1-	naphthalene	methylnaphthalene, 2-	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	
				µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
EQL				0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	-	-	-	-	-	-	-	-	-		
BC CSR RLld Minimums				0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	1500	350		
SITE 5	5-TP04-6	4.3-4.6	6/3/2004	<0.04	<0.1	<0.1	<0.1	-	-	44	160	<100	-	-	-	-	-	-	-	-	-		
SITE 5	5-TP04-7	4.3-4.6	6/3/2004	<0.04	<0.1	<0.1	<0.1	-	-	17	120	<100	-	-	-	-	-	-	-	-	-		
SITE 5	5-TP04-8	0.3-0.5	6/3/2004	<0.04	<0.1	<0.1	<0.1	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-		
SITE 5	5-TP04-8	3.9-4.3	6/3/2004	<0.04	<0.1	<0.1	<0.1	-	-	300	2200	260	-	-	-	-	-	-	-	-	-		
SITE 5	5-TP04-8	4.3-4.6	6/3/2004	<0.04	<0.1	<0.1	<0.1	-	-	370	520	<100	-	-	-	-	-	-	-	-	-		
SITE 5	5-TP04-9	1.5-2	6/3/2004	<0.04	<0.1	<0.1	0.3	-	-	83	2500	570	-	-	-	-	-	-	-	-	-		
SITE 5	5-TP04-9	4.4-3	6/3/2004	<0.04	<0.1	1.3	2.9	-	-	410	1200	120	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPA	1.5	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPB	3.2	5/3/2003	<0.04	<0.1	1.7	4.2	-	-	180	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPC	2.4	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	71	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPC	3.9	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	180	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPD	2.3	5/3/2003	<0.04	<0.1	0.34	0.3	-	-	200	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPD	2.9	5/3/2003	<0.04	<0.1	3.3	4.7	-	-	270	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPD	4	5/3/2003	<0.04	<0.1	0.39	0.4	-	<0.1	190	600	77	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPE	0.9	5/3/2003	<0.04	1.2	5	46	-	-	370	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPE	3.4	5/3/2003	<0.04	<0.1	1.2	0.9	-	-	410	990	110	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPE	3.9	5/3/2003	<0.04	<0.1	2.4	3.6	-	-	590	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPF	3.3	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPG	2.6	5/3/2003	<0.04	<0.1	0.5	1.9	-	-	160	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPG	3.4	5/3/2003	<0.04	<0.1	1.2	5.1	-	-	480	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPG	3.7	5/3/2003	<0.04	<0.1	12	58	-	-	1100	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPH	0.9	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	79	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPH	3.9	5/3/2003	<0.04	<0.1	3.1	11	-	-	560	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPH	4.3	5/3/2003	<0.04	<1	66	240	-	-	2600	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPI	0.6	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	92	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPI	4.3	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPI	2.9	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	140	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPI	3.7	5/3/2003	<0.04	<0.1	0.9	0.4	-	-	680	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPK	0.9	5/3/2003	<0.04	<0.1	0.2	-	-	-	<10	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPK	10.1	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPL	1	4/30/2003	<0.04	<0.1	0.18	3.1	-	<0.1	130	1400	460	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-TPL	3.7	4/30/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPM	0.8	5/3/2003	<0.04	<0.1	0.16	1.6	-	-	1500	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPM	3.7	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPN	2.3	5/3/2003	<0.04	<0.1	0.22	0.7	-	-	24	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPN	3.7	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	69	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPO	0.8	5/1/2003	<0.04	<0.1	1.1	4.6	-	-	760	-	-	-	-	-	-	-	-	-	-	-		
SITE 5	5-TPP	2.6	5/3/2003</																				

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Petroleum Hydrocarbons											PAHs				VOCs				Metals		
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPHs	LPHs	HEPhs	methyl/naphthalene, 1-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium				
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.02	0.02	0.08	0.02	0.02	0.2				
BC CSR RLd Minimums	0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	1500	150	350			
Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time																			
SITE 6	6-10-42	1.8-1.9	11/30/2010	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	-	-	
SITE 6	6-10-42	11.7-12.2	11/30/2010	0.006	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-10-42	12.2-12.7	11/30/2010	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-10-43	0.8-0.9	11/30/2010	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	453	427	-	-	-	-	-	-	-	-	-	
SITE 6	6-10-44	0.8-1	11/30/2010	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-10-44	4.6-5.1	12/3/2010	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-10-44	10.8-11.3	12/3/2010	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-10-44	10.8-11.3	12/3/2010	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-10-44	11.9-12.2	12/3/2010	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-43	0.3-0.8	6/18/2012	<0.005	0.021	<0.01	0.05	<0.03	<0.1	<10	<100	<100	-	<0.05	<0.05	-	-	<0.025	-	-	-	
SITE 6	6-12-43	1.4-1.7	6/18/2012	0.0074	0.034	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-44	1.5-2	6/18/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-44	2.6-3	6/18/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-44	4.4-6	6/19/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-44	5.2-5.8	6/19/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-44	6.7-7.32	6/19/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-44	8.2-8.8	6/19/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-44	8.2-8.8	6/19/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-45	0.9-1.4	6/18/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-45	11.3-11.9	6/22/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-46	0.9-1.5	6/18/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-46	2.4-3	6/18/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-46	3.3-7	6/21/2012	<0.005	<0.02	0.11	7.2	200	<0.03	<0.1	1100	1830	167	-	-	-	-	-	-	-	-	-
SITE 6	6-12-46	4.6-5	6/21/2012	<0.005	0.042	2.3	32	<0.03	<0.1	280	1000	224	-	5.7	6.4	-	-	-	-	-	-	-
SITE 6	6-12-46	5.5-6.1	6/21/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-46	6.7-7.3	6/21/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-46	8.2-8.8	6/21/2012	<0.005	<0.02	0.068	2.6	<0.03	<0.1	47	380	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-46	9.8-10.4	6/21/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-46	10.7-11.3	6/21/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-46	10.7-11.3	6/22/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-46	12.2-12.8	6/21/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-12-48	0.3-0.6	6/19/2012	<0.005	0.032	<0.01	0.067	<0.03	<0.1	<10	<100	185	-	<0.05	<0.05	-	<0.025	-	-	-	-	
SITE 6	6-12-48	1.3																				

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	benzene	toluene	ethylbenzene	total xylenes	styrene	[methyl] tert-butyl ether [MTBE]	Petroleum Hydrocarbons		PAHs		VOCs		Metals								
							µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g							
EQL	0.005	0.02	0.01	0.04	0.03	0.1	<0.1	<10	<100	<100	-	<0.05	<0.05	-							
BC CSR RLd Minimums	0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	1500	150	350		
Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time																		
SITE 6	6-BH16-07	8.5	6/10/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 6	6-BH16-08	0.5	6/10/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	110	-	<0.05	<0.05	<0.1	-	<0.025	-	-	68.5	
SITE 6	6-BH16-08	0.5	6/10/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	330	120	-	<0.05	<0.05	<0.1	-	<0.025	-	41.6	
SITE 6	6-BH16-08	4	6/10/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 6	6-BH16-08	7.3	6/10/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	-	<0.05	<0.05	<0.1	-	<0.025	-	-	93.6	
SITE 6	6-BH16-09	0.5	6/8/2016	0.066	0.27	0.1	0.56	<0.03	<0.1	<10	150	790	-	0.13	0.097	-	-	-	-	165	
SITE 6	6-BH16-09	1	6/8/2016	0.0064	0.03	<0.01	0.043	<0.03	<0.1	<10	<100	<100	-	<0.05	<0.05	<0.1	-	<0.025	-	-	
SITE 6	6-BH16-09	3	6/8/2016	0.036	0.2	0.068	0.38	<0.03	<0.1	<10	<100	130	-	<0.05	<0.05	<0.1	-	<0.025	-	-	
SITE 6	6-BH16-09	4	6/8/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	<0.05	<0.05	-	-	-	-	-	
SITE 6	6-BH16-09	7.5	6/8/2016	<0.005	<0.02	0.24	0.87	<0.03	<0.1	140	3200	690	-	13	1.9	-	-	-	-	-	
SITE 6	6-BH16-09	12	6/8/2016	<0.005	0.024	0.074	0.31	<0.03	<0.1	13	<100	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 6	6-COMP	-	6/23/2014	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-1-EW-1	0.4-0.5	5/8/2012	<0.005	<0.02	0.014	0.045	<0.03	-	<10	967	1060	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-1-NW-1	0.4-0.5	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	180	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-1-SW-1	0.4-0.5	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	443	538	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-1-WW-2	0.4-0.5	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	3530	2460	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-2-EW-1	0.7-0.9	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	125	101	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-2-EW-2	1.1-1.2	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-2-NW-1	0.7-0.9	5/8/2012	0.0056	<0.02	<0.01	<0.04	<0.03	-	<10	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-2-SW-2	0.7-0.9	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-2-SW-3	0.7-0.9	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-2-WW-2	0.7-0.9	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-3-SW-1	1.1-1.2	5/9/2012	<0.017	<0.093	5.4	130	<0.03	-	970	26,500	5560	-	-	-	-	-	-	-	-	-
SITE 6	6-EXC12-4-EW-1	0.8-0.9	5/10/2012	-	-	-	-	-	-	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-4-F-1	1-1.1	5/10/2012	-	-	-	-	-	-	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-4-F-1	1-1.1	5/10/2012	-	-	-	-	-	-	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-4-NW-1	0.8-0.9	5/10/2012	-	-	-	-	-	-	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-4-SW-1	0.8-0.9	5/10/2012	-	-	-	-	-	-	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-4-WW-1	0.8-0.9	5/10/2012	-	-	-	-	-	-	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-MW14-01	0.8	6/23/2014	0.017	0.079	0.032	0.23	<0.03	<0.1	15	890	314	-	0.21	<0.05	-	-	-	-	-	
SITE 6	6-MW14-02	13.5	6/23/2014	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 6	6-MW14-01	0.5	6/8/2016	0.0089	0.046	0.01	0.057	<0.03	<0.1	<10	210	-	<0.05	<0.05	-	-	-	-	-	97.5	
SITE 6	6-MW16-01	2.3	6/8/2016	0.0059	0.022	<0.01	0.057	<0.03	<0.1	<10	<100	-	<0.05	<0.05	<0.1	-	<0.025	-	-		
SITE 6	6-MW16-01	10.5	6/8/2016	<0.005	<0.02	1.2	6.7	<0.03	<0.1	150	460	<100	-	1.8	1.6	-	-	-	-	-	
SITE 6	6-MW16-01	11	6/8/2016	<0.005	<0.02	3	14	<0.03	<0.1	160	140	<100	-	0.97	0.74	<0.1	-	<0.025	-	-	
SITE 6	6-MW16-01	14.3																			

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs				Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	uPHs	LPHs	HEPhs	methyl/naphthalene, 1-	methyl/naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	-	-	-	-	-	-	-	-	-		
BC CSR RLd Minimums	0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	1500	150		
Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time																	
SITE 6	6-TP12-34-2	0.8-0.9	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	671	6550	-	-	-	-	-	-	-	
SITE 7	7-BH08-1	0.76-1.21	5/26/2008	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	-	-	-	
SITE 7	7-BH08-1	0.76-1.21	5/26/2008	-	-	-	-	-	-	<100	<100	-	-	-	-	-	-	-	41.5	
SITE 7	7-BH08-10	0.6-1.21	5/26/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	0.01	0.02	-	<0.03	<0.03	-	
SITE 7	7-BH08-11	1.52-2.13	5/26/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	
SITE 7	7-BH08-12	0.6-1.21	5/26/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	
SITE 7	7-BH08-13	0.3-0.91	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	
SITE 7	7-BH08-14	1.52-2.13	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	
SITE 7	7-BH08-15	0.3-0.91	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	
SITE 7	7-BH08-15	0.3-0.91	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	
SITE 7	7-BH08-16	0.3-0.91	5/27/2008	-	-	-	-	-	-	<100	<100	-	-	-	-	-	-	-	-	
SITE 7	7-BH08-16	0.3-0.91	5/27/2008	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	-	-	-	
SITE 7	7-BH08-16	0.3-0.91	5/27/2008	-	-	-	-	-	-	<100	<100	-	<0.01	<0.01	-	-	-	-	-	
SITE 7	7-BH08-17	0.91-1.52	5/27/2008	-	-	-	-	-	-	<100	<100	-	<0.01	<0.01	-	-	-	-	-	
SITE 7	7-BH08-18	0.6-0.6	5/27/2008	-	-	-	-	-	-	<100	<100	-	<0.01	<0.01	-	-	-	-	64.8	
SITE 7	7-BH08-18	0.6-0.6	5/27/2008	-	-	-	-	-	-	<100	<100	-	<0.01	<0.01	-	-	-	-	65.8	
SITE 7	7-BH08-19	0.6-0.91	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	
SITE 7	7-BH08-2	1.52-2.13	5/26/2008	-	-	-	-	-	-	<100	<100	-	<0.01	<0.01	-	-	-	-	41.8	
SITE 7	7-BH08-20	0.6-0.91	5/27/2008	-	-	-	-	-	-	<100	<100	-	<0.01	<0.01	-	-	-	-	64.8	
SITE 7	7-BH08-21	1.21-1.52	5/27/2008	-	-	-	-	-	-	-	-	387	1140	-	0.01	0.02	-	-	78.8	
SITE 7	7-BH08-21	1.21-1.52	5/27/2008	-	-	-	-	-	-	-	152	408	-	<0.01	<0.01	-	-	-	-	78.2
SITE 7	7-BH08-21	1.82-2.43	5/27/2008	-	-	-	-	-	-	<100	<100	-	0.02	0.05	-	-	-	-	92.4	
SITE 7	7-BH08-22	0.76-1.21	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	108	-	<0.01	0.02	-	<0.03	<0.03	-	
SITE 7	7-BH08-23	0.91-1.37	5/27/2008	-	-	-	-	-	-	<100	<100	-	<0.01	<0.01	-	-	-	-	32.3	
SITE 7	7-BH08-24	1.52-2.13	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	56	
SITE 7	7-BH08-25	1.52-2.13	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	74.1	
SITE 7	7-BH08-25	2.13-2.74	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	71.5	
SITE 7	7-BH08-26	0.6-0.91	5/28/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	0.01	-	<0.03	<0.03	-	48.9	
SITE 7	7-BH08-26	0.91-1.52	5/28/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	27	826	718	-	<0.01	0.02	-	<0.03	<0.03	-
SITE 7	7-BH08-26	1.82-2.43	5/28/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	108	-	<0.01	0.02	-	<0.03	<0.03	-	
SITE 7	7-BH08-26	1.82-2.43	5/28/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	<0.01	-	<0.03	<0.03	-		
SITE 7	7-BH08-27	0.6-0.6	5/28/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	36.1	
SITE 7	7-BH08-28	0.91-1.52	5/28/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	68.4	
SITE 7	7-BH08-29	0.3-0.6	5/28/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	0.01	-	<0.03	<0.03	-	-	
SITE 7	7-BH08-3	1.52-2.13	5/26/20																	

TABLE B-1: SOIL DATA COMPARED TO CSR RL-LD STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs				Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPHs	LEPHs	HEPhs	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-		
	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2		
BC CSR RLd Minimums	0.035	0.5	15	6.5	5	4000	200	1000	1000	250	60	0.6	2	3.5	5	1500	150	350	

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPHs	LEPHs	HEPhs	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
BC CSR RLd dw				0.035	6	15	6.5								100					350	
BC CSR RLd fw				2.5	0.5	200	20								75					3500	
BC CSR RLd gwi																					
BC CSR RLd i				150	3500	4000	8500								850					8500	
BC CSR RLd m				6.5	200	200	20								75					1500	
BC CSR RLd t				100	150	200	150								0.6					700	

Env Stds Description

BC CSR RLd Minimums: BC Contaminated Sites Regulation, Schedule 3.1 Part 1, Part 2 and Part 3, Minimum of Matrix and Generic Numerical Soil Standards, Residential (Low Density)
 BC CSR RLd h:BC Contaminated Sites Regulation, Schedule 3.1 Part 2 Generic Numerical Soil Standards to Protect Human Health, Residential (Low Density)
 BC CSR RLd e:BC Contaminated Sites Regulation, Schedule 3.1 Part 3 Generic Numerical Soil Standards to Protect Ecological Health, Residential (Low Density)
 BC CSR RLd dw:BC Contaminated Sites Regulation, Schedule 3.1 Part 1 Numerical Soil Standards, Groundwater used for drinking water - Residential (Low Density)
 BC CSR RLd fw:BC Contaminated Sites Regulation, Schedule 3.1 Part 1 Numerical Soil Standards, Groundwater flow to surface water used by aquatic life (Freshwater) - Residential (Low Density)
 BC CSR RLd gwi:BC Contaminated Sites Regulation, Schedule 3.1 Part 1 Numerical Soil Standards, Groundwater used for irrigation - Residential (Low Density)
 BC CSR RLd i:BC Contaminated Sites Regulation, Schedule 3.1 Part 1 Numerical Soil Standards, Intake of Contaminated Soil - Residential (Low Density)
 BC CSR RLd m:BC Contaminated Sites Regulation, Schedule 3.1 Part 1 Numerical Soil Standards, Groundwater flow to surface water used by aquatic life (Marine) - Residential (Low Density)
 BC CSR RLd t:BC Contaminated Sites Regulation, Schedule 3.1 Part 1 Numerical Soil Standards, Toxicity to soil invertebrates and plants - Residential (Low Density)

Notes:

m - metres

mbg - metres below grade

< - less than reported detection limit

'-' - sample not analyzed for parameter indicated

- formatting of cells indicates exceedances of like-formatted standards
- where many exceedance formats are used, highlighted results reflect the least stringent standard/guideline exceeded
- samples collected from the same location, date and depth interval are blind field duplicate / parent sample pairs
- laboratory analytical reports detail detection limits, testing protocols and QA/QC procedures

µg/g - micrograms per gram

BTEX - benzene, toluene, ethylbenzene, xylenes

MTBE - methyl tert-butyl ether

EPHs10-19 - extractable petroleum hydrocarbon in soil (nC_{10} - nC_{19})

LEPHs - light extractable petroleum hydrocarbons in soil: EPHs10-19 minus PAH compounds: naphthalene and phenanthrene

EPHs19-32 - heavy extractable petroleum hydrocarbons (nC_{19} - nC_{32})

HEPhs - heavy extractable petroleum hydrocarbons in soil: EPHs19-32 minus PAH compounds: benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, dibenz[a,h]anthracene, indeno[1,2,3-cd]pyrene and pyrene

PAH - polycyclic aromatic hydrocarbons

VH6-10 - volatile petroleum hydrocarbons (nC_6 - nC_{10})

VPHs - volatile petroleum hydrocarbons in soil: VH6-10 minus BTEX and styrene

PAH - polycyclic aromatic hydrocarbons

VOCs - volatile organic compounds

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs			VOCs				Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LPH	HPH	methyl naphthalene, 1-	methyl naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LPH	HPH	methyl naphthalene, 1-	methyl naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	
SITE 1	1-1560 R (N)	1-1.2	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-		
SITE 1	1-1560 R (S)	1.2-1.5	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-		
SITE 1	1-2909 G (N)	1-1.2	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-		
SITE 1	1-2909 G (S)	1.5-1.8	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-		
SITE 1	1-2915 G (N)	0.25-0.6	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-		
SITE 1	1-2915 G (S)	1.6-1.8	5/15/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-		
SITE 1	1-HA1	0.2-0.6	3/7/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-		
SITE 1	1-HA2	0.15-0.65	3/7/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-		
SITE 1	1-HA3	0.15-0.6	3/7/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-		
SITE 1	1-HA4	0.15-0.5	3/7/2018	<0.005	0.094	0.186	1.23	<0.05	<0.2	1370	2170	420	0.421	<0.04	<0.3	-	-	-	-	-	-	-	
SITE 1	1-HA4	0.15-0.5	5/24/2018	<0.005	<0.05	<0.045	<0.6	<0.05	<0.2	420	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-HA5	0.1-0.5	3/7/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-HA5	0.1-0.5	5/24/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	<200	<200	<0.05	<0.01	<0.01	-	-	-	-	-	-	-	
SITE 1	1-HA6	0.15-0.65	5/24/2018	<0.005	<0.05	<0.045	<0.3	<0.05	<0.2	570	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-HA7	0.1-0.5	5/24/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-HA8	0.2-0.75	5/24/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-MW16-01	3-4.6	3/30/2016	<0.2	<0.05	13.3	6.67	<0.05	0.2	<100	<200	<200	-	5.68	5.89	-	-	-	-	-	-	-	-
SITE 1	1-MW16-01	6.1-7.6	3/30/2016	0.0681	<0.05	0.223	0.518	<0.05	0.2	<100	<200	<200	-	0.084	0.135	-	-	-	-	-	-	-	-
SITE 1	1-MW16-02	0-1.5	3/30/2016	<0.005	<0.05	<0.015	<0.075	<0.05	0.2	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	88.5	-	-
SITE 1	1-MW16-02	3-4.6	3/30/2016	<0.09	<0.6	5.52	26.4	<0.05	0.2	580	270	<200	-	3.37	1.29	-	-	-	-	-	-	-	-
SITE 1	1-MW16-02	9.1-10.7	3/30/2016	<0.005	<0.05	<0.015	<0.075	<0.05	0.2	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	-	-
SITE 1	1-MW16-03	0-0.15	3/29/2016	<0.005	<0.05	<0.015	<0.075	<0.05	0.2	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-MW16-03	0-1.5	3/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113	-	
SITE 1	1-MW16-03	4.6-6.1	3/29/2016	0.0204	<0.05	0.036	<0.075	<0.05	0.2	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-MW16-03	6.1-7.6	3/29/2016	<0.005	<0.05	<0.015	<0.075	<0.05	0.2	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-MW16-04	0-0.15	3/29/2016	<0.005	<0.05	<0.015	<0.075	<0.05	0.2	<100	<200	<200	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 1	1-MW16-04	0-1.5	3/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75.7	-	
SITE 1	1-MW16-04	3-4.6	3/29/2016	<0.005	<0.05	13.3	6.67	<0.05	0.2	<100	<200	<200	-	5.68	5.89	-	-	-	-	-	-	-	-
SITE 1	1-MW16-04	6.1-7.6	3/29/2016	0.0681	<0.																		

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs			VOCs			Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	0.2
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	25000	25000

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs				Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	
	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	0.2	
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350	

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 10	10-SP16-73		10/31/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-SP16-75		10/31/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-SP16-76		10/31/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-SP16-78		10/31/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-SP16-9		9/16/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-SP16-A		9/16/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-SP16-B		9/16/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-SP16-C		10/14/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-SP16-D		10/14/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-SP17-79		6/1/2017	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-SP17-80		6/1/2017	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP16-27 (1.2)	1.2	6/16/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP16-27 (2.7)	2.7	6/16/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP16-28 (1.2)	1.2	6/16/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP16-29 (2.0)	2	6/16/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP16-29 (5.7)	5.7	6/16/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP16-30 (3.6)	3.6	6/16/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	0.036	-	-	-	-
SITE 10	10-TP16-31 (2.7)	2.7	6/16/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP16-A		6/16/2016	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP17-47 (0.5)	0.5	1/25/2017	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP17-47 (1.5)	1.5	1/25/2017	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP17-48 (0.5)	0.5	1/25/2017	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP17-49 (0.5)	0.5	1/25/2017	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP17-50 (0.5)	0.5	1/25/2017	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 10	10-TP17-51 (0.5)	0.5	1/25/2017	-	-	-	-	-	-	-	-	<0.1	<0.025	<0.025	-	-	-	-
SITE 11	11-MW00-7-3-000316	3.5-3.8	3/16/2000	<1	<1	<2	<4	<0.01	-	<50	<500	<500	-	-	<0.01	-	-	-
SITE 11	11-MW00-8-3-000316	3.5-3.8	3/16/2000	<1	<1	<2	<4	<0.01	-	<50	<500	<500	-	-	<0.01	-	-	-
SITE 11	11-MW05-08	3.2-3.7	8/24/2005	<0.03	<0.03	<0.03	<0.1	-	<0.1	<10	<100	<100	-	-	<0.03	-	-	-
SITE 11	11-MW05-09	3.1-3.7	8/24/2005	0.83	<0.03	<0.03	<0.1	-	<0.1	<10	<100	<100	-	-	<0.03	-	-	-
SITE 11	11-MW05-18	1.6-1.9	8/25/2005	<0.03	<0.03	<0.03	<0.1	-	<0.1	<10	-	-	-	-	<0.03	-	-	-
SITE 11	11-MW05-18	1.9-2.1	8/25/2005	<0.03	<0.03	<0.03	<0.1	-	<0.1	<10	<100	666	-	<0.01	<0.01	-	<0.03	-
SITE 11	11-TP22	4.3	6/6/2016	0.01	<0.02	0.2	0.091	<0.03	<0.1	<10	<100	<100	-	<0.05	<0.05	-	<0.025	-
SITE 11	11-TP22c	4.3	6/6/2016	0.0094	<0.02	0.19	0.082	<0.03	<0.1	<10	<100	<100	-	0.32	0.05	-	<0.025	-
SITE 11	11-TP24c	0.6	6/6/2016	0.019	0.07	5.1	<0.03	<0.1	90	410	2300	-	-	-	-	<0.025	-	-
SITE 11	11-TP27	3	6/7/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	<0.025	-
SITE 11	11-TP29c	0.6	6/7/2016	0.033	<0.02	0.013	0.11	<0.03	<0.1	190	350	3800	-	-	<0.1	-	<0.025	-
SITE 11	11-TP30	2.4	6/7/2016	<0.005	<0.02	<0.01												

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons												PAHs				VOCs				Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium		
EQL	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g			
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350			

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 12	12-EX-F-31		7/17/2018	-	-	-	-	-	-	-	-	-	<0.02	<0.02	-	-	-	-	
SITE 12	12-EX-F-33		8/3/2018	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	<0.02	<0.02	-	
SITE 12	12-EX-F-34		8/3/2018	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	280	360	-	-	-	<0.02	<0.02	-	
SITE 12	12-EX-F-35		8/3/2018	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	330	700	-	-	-	<0.02	<0.02	-	
SITE 12	12-EX-F-36		8/3/2018	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	190	590	-	-	-	<0.02	<0.02	-	
SITE 12	12-EX-F-DUP		6/20/2018	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	1400	1600	-	-	-	-	-	-	
SITE 12	12-TP2017-01-S1		10/10/2017	-	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	-	-	
SITE 12	12-TP2017-03-S1		10/10/2017	-	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	-	-	
SITE 12	12-TP2017-04-S1		10/10/2017	-	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	-	-	
SITE 12	12-TP2017-08-S1		10/10/2017	-	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	-	-	
SITE 12	12-TP2017-10-S1		10/10/2017	-	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	-	-	
SITE 12	12-TP2017-14-S1		10/10/2017	-	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	-	-	
SITE 12	12-TP2017-15-S1		10/10/2017	-	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	-	-	
SITE 12	12-TP2017-15-S2		10/10/2017	-	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	-	-	
SITE 12	12-TP2017-15-S3		10/10/2017	0.7-1	<0.005	0.033	<0.01	<0.04	<0.03	<0.1	<10	100	220	-	-	-	-	-	
SITE 12	12-TP2018-22	1.2-1.5	2/8/2018	-	-	-	-	-	-	<100	<100	-	-	-	-	-	-	-	
SITE 18	18-BH07-1	5.8-5.95	8/3/2007	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	-	-	-	-	-	-	-	-	
SITE 18	18-BH07-1	8.4-8.7	8/3/2007	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	-	-	-	-	-	-	-	-	
SITE 18	18-BH07-1	9.3-9.6	8/3/2007	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	-	-	-	-	-	-	-	-	
SITE 18	18-BH07-2	6.9-7.1	10/11/2007	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	-	-	-	-	-	-	-	-	
SITE 18	18-BH07-2	8.7-8.8	10/11/2007	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	-	-	-	-	-	-	-	-	
SITE 18	18-BH07-2	9.3-9.5	10/11/2007	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<100	<100	-	0.01	<0.01	-	-	-	-	
SITE 18	18-BH07-3	4.1-4.3	8/3/2007	-	-	-	-	-	-	<10	-	-	-	-	-	-	-	-	
SITE 18	18-BH07-3	6.6-6.9	8/3/2007	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	<0.01	-	-	-	-	
SITE 18	18-BH07-3	6.6-6.9	8/3/2007	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	<0.01	-	-	-	-	
SITE 18	18-BH07-3	7.8-8.1	8/3/2007	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	-	-	-	-	-	-	-	-	
SITE 18	18-BH08-10	1.1-1.25	3/12/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	<0.01	-	-	-	23.4	
SITE 18	18-BH08-10	4.3-4.6	3/12/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	<0.01	-	-	-	-	
SITE 18	18-BH08-10	4.3-4.6	3/12/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	-	<0.01	<0.01	-	-	-	-	
SITE 18	18-BH08-10	5.5-5.8	3/12/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	-	0.03	<0.01	-	-	-	-	
SITE 18	18-BH08-10	6.7-7	3/12/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	-	0.01	<0.01	-	-	-	-	
SITE 18	18-BH08-13	10.1-10.3	7/3/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	-	-	-	-	-	-	-	-	
SITE 18	18-BH08-13	10.5-10.6	7/3/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.025	<0.025	-
SITE 18	18-BH08-13	10.5-10.6	7/3/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	-	-	-
SITE 18	18-BH08-13	11.1-11.2	7/3/2008	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	-	-	-	-	-</td				

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs					Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	
EQL	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g		
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350		

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	<1	2	5	50	-	-	500	-	-	-	-	-	-	-	-
SITE 18	18-PC227	9	12/11/2006	<1	2	5	50	-	-	500	-	-	-	-	-	-	-	-
SITE 18	18-PC228	11	12/11/2006	<1	<1	<1	8	-	-	110	-	-	-	-	-	-	-	-
SITE 18	18-PC23	2	11/9/2006	<0.005	<0.05	<0.01	<0.1	-	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-PC23	2	11/9/2006	0.006	<0.05	<0.01	<0.1	-	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-PC235	11	12/11/2006	<1	5	4	46	-	-	320	-	-	-	-	-	-	-	-
SITE 18	18-PC242	11	12/11/2006	9	200	86	480	-	-	2200	894	<200	-	12	16	-	-	-
SITE 18	18-PC244	9	12/11/2006	<1	10	9	60	-	-	310	-	-	-	-	-	-	-	-
SITE 18	18-PC245	10	12/11/2006	2	62	33	210	-	-	820	-	-	-	-	-	-	-	-
SITE 18	18-PC246	11	12/11/2006	<1	17	11	80	-	-	480	-	-	-	-	-	-	-	-
SITE 18	18-PC248	9	12/11/2006	<1	8	6	35	-	-	270	-	-	-	-	-	-	-	-
SITE 18	18-PC249	10	12/11/2006	2	65	41	280	-	-	1100	664	<200	-	12	16	-	-	-
SITE 18	18-PC25	2	11/9/2006	0.005	<0.05	0.02	0.1	-	<0.1	<10	<100	307	-	0.04	0.03	-	-	-
SITE 18	18-PC250	11	12/11/2006	<1	38	23	180	-	-	1100	-	-	-	-	-	-	-	-
SITE 18	18-PC251	9	12/11/2006	<1	8	5	37	-	-	150	-	-	-	-	-	-	-	-
SITE 18	18-PC252	10	12/11/2006	3	100	54	330	-	-	1200	661	<200	-	7.6	8.7	-	-	-
SITE 18	18-PC256	9	12/11/2006	<1	25	18	120	-	-	540	-	-	-	-	-	-	-	-
SITE 18	18-PC26	2	11/9/2006	<0.005	<0.05	<0.01	<0.1	-	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-PC260	10	12/11/2006	<1	23	12	100	-	-	560	-	-	-	-	-	-	-	-
SITE 18	18-PC261	11	12/11/2006	<1	44	24	180	-	-	750	-	-	-	-	-	-	-	-
SITE 18	18-PC265	11	12/11/2006	<1	10	8	66	-	-	500	-	-	-	-	-	-	-	-
SITE 18	18-PC266	10	12/11/2006	<1	7	5	38	-	-	170	-	-	-	-	-	-	-	-
SITE 18	18-PC274	9	12/11/2006	<1	<1	<1	<1	-	-	<40	-	-	-	-	-	-	-	-
SITE 18	18-PC275	10	12/11/2006	<1	<1	<1	<1	-	-	<40	-	-	-	-	-	-	-	-
SITE 18	18-PC35	2	11/9/2006	<0.005	<0.05	<0.01	<0.1	-	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-PC39	2	11/9/2006	<0.005	<0.05	<0.01	<0.1	-	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-PC50	2	11/10/2006	0.005	<0.05	<0.01	<0.1	-	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-PC54	2	11/10/2006	0.006	<0.05	<0.01	<0.1	-	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-PC7	2	11/8/2006	<0.005	<0.05	<0.01	<0.1	-	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-PC82	4	11/22/2006	<0.005	<0.05	<0.01	<0.1	-	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-PC87	4	11/22/2006	<0.005	<0.05	<0.01	<0.1	-	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-PC92	5	11/22/2006	<0.005	<0.05	<0.01	<0.1	-	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-RW07-1D	4.4-4.6	10/10/2007	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-RW07-1D	6.7-6.9	10/10/2007	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-RW07-1D	8.2-8.4	10/10/2007	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<10	-	-	-	-	-	-	-	-
SITE 18	18-RW07-1D	9.6-9.8	10/10/2007	3.7	120	52	340	4	<0.1	1100	336	<100	-	4.6	4.9	-	-	-
SITE 18	18-RW07-1D	9.6-9.8	10/10/2007	2.6	64	27	180	<1	<0.1	610	339	<100	-	7.4	8.4	-	-	-
SITE 18	18-VT14	0	10/27/2003	<0.04	<0.05	<0.05	<0.1	<0.05	-	<100	<200	-	-	<0.05	-	-	-	-
SITE 18	18-VT2	0	10/27/2003	<0.04	<0.05	<0.05	<0.1	<0.05	-	<100	<200	200	-	<0.05	-	-	-	-
SITE 18	18-VT23	0	11/13/2003	<0.04	<0.05	<0.05	<0.1	<0.05	<0.05	<100	310	<200</						

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs					Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.08	0.2		
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350		

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
SITE 19	19-BH06-V1	0.6-0.8	11/22/2006	0.5	<0.5	0.8	1.2	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH06-V2	0.8-0.9	11/22/2006	0.06	<0.5	<0.5	1.1	<0.1	-	160	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH06-V4	0.8-0.9	11/23/2006	0.13	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH07-1D	2.1-2.4	9/26/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH07-1D	5.2-5.5	9/26/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH07-1D	7.6-7.9	9/26/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH07-2	0.6-0.9	9/27/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH07-2	1.8-2.1	9/27/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH07-2	4.1-4.4	9/27/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH08-11R	0.2-0.9	11/3/2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH08-11R	2.4-3.2	11/3/2008	<0.005	<0.05	0.02	<0.1	<0.1	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH08-11R	10.1-10.8		-	-	-	-	-	-	-	-	-	-	0.02	0.01	-	-	-	-	-	
SITE 19	19-BH08-11R	10.1-10.8	11/3/2008	<0.005	<0.05	0.02	<0.1	<0.1	-	<10	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH08-11R	16.5-17.2	11/3/2008	0.006	0.06	0.02	<0.1	<0.1	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH08-11R	25.6-26.4	11/3/2008	<0.005	<0.05	0.02	<0.1	<0.1	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH08-11R	27.9-28.6		-	-	-	-	-	-	-	-	-	-	0.21	0.04	-	-	-	-	-	
SITE 19	19-BH08-11R	27.9-28.6	11/3/2008	<0.005	<0.05	0.02	<0.1	<0.1	-	<10	<100	<100	-	-	-	-	-	-	-	-	
SITE 19	19-BH08-13	0.15-0.8		-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	-	-	-	
SITE 19	19-BH08-13	0.2-0.8	11/5/2008	<0.005	<0.05	<0.01	<0.1	<0.1	-	<10	<100	<100	-	-	-	-	-	-	-	-	
SITE 19	19-BH08-13	4-4.2	11/5/2008	<0.005	<0.05	<0.01	<0.1	<0.1	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH08-13	6.3-7	11/5/2008	<0.005	<0.05	<0.01	<0.1	<0.1	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH08-13	10.7-11.4	11/5/2008	<0.005	<0.05	<0.01	<0.1	<0.1	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH08-13	12.3-13.1	11/5/2008	<0.005	<0.05	<0.01	<0.1	<0.1	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH08-13	21.6-22.4		-	-	-	-	-	-	-	-	-	-	0.09	0.04	-	-	-	-	-	
SITE 19	19-BH08-13	21.6-22.4	11/5/2008	<0.005	<0.05	<0.01	<0.1	<0.1	-	<10	<100	<100	-	-	-	-	-	-	-	-	
SITE 19	19-BH09-16	0.6-0.9	12/10/2009	0.006	<0.05	<0.01	<0.1	<0.1	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH09-16	1.2-1.7	12/10/2009	11	1.3	14	62	<0.1	-	810	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH09-16	3-3.3	12/16/2009	0.32	<0.05	0.05	<0.1	<0.1	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH09-16	4.1-4.4	12/16/2009	0.033	<0.05	0.01	<0.1	<0.1	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH09-17	0.6-0.9	12/10/2009	0.031	<0.05	0.08	0.3	<0.1	-	66	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH09-17	1.4-1.7	12/10/2009	2.3	0.13	4.4	8.9	<0.1	-	320	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH09-17	4.1-4.4	12/16/2009	0.32	<0.05	0.39	<0.1	<0.1	-	40	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH09-17	5.3-5.6	12/16/2009	0.19	0.05	0.39	0.3	<0.1	-	18	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH09-17	6.7-7.6	12/16/200																		

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs					Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methyl/naphthalene, 1-	methyl/naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.08	0.2		
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350		

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methyl/naphthalene, 1-	methyl/naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
SITE 19	19-BH12-36(D)	0.3-0.6	6/23/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-36(D)	1.2-1.5	6/23/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-36(D)	1.8-2.1		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 19	19-BH12-36(D)	1.8-2.1	6/23/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-36(D)	2.6-2.9	6/23/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-36(D)	4.7-5	6/23/2012	<0.008	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-36(D)	7.3-7.6	6/23/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-37	0.3-0.6	6/23/2012	<0.006	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-37	1.2-1.5	6/23/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-38(D3)	0.3-0.5		-	-	-	-	-	-	-	-	-	0.1	<0.05	-	-	-	-	-	-	
SITE 19	19-BH12-38(D3)	0.3-0.5	6/24/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	101	<100	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-38(D3)	0.8-0.9	6/24/2012	<0.013	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-38(D3)	1.7-2	6/24/2012	9.5	34	9.1	72	<0.03	-	420	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-38(D3)	3.2-3.5	6/24/2012	15	1.2	2.9	13	<0.03	-	13	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-38(D3)	4.3-4.6	6/24/2012	<0.044	0.11	0.021	0.092	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-38(D3)	4.9-5.2	6/24/2012	0.24	1.4	0.32	2	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-38(D3)	7.6-8	6/24/2012	<0.01	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-38(D3)	9.1-9.4	6/24/2012	<0.008	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-38(D3)	10.7-11	6/24/2012	<0.007	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH12-38(D3)	13.7-14	6/24/2012	<0.011	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH14	3.5-4.1	10/22/1999	1.6	<0.1	1	0.4	-	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH14	6.1-6.7	10/22/1999	0.83	<0.1	1	0.9	-	-	97	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH14	8-9	10/22/1999	0.21	<0.1	0.72	1	-	-	110	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH15	4.5-5.1	10/22/1999	0.71	<0.1	1.6	2.1	-	-	60	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH15	6.1-6.6	10/22/1999	1	<0.1	0.61	0.4	-	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH15	8.5-9.2	10/22/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BH15-04	0.5-0.6		-	-	-	-	-	-	-	-	-	0.092	<0.05	-	-	-	-	-	-	
SITE 19	19-BH15-04	0.5-0.6	9/28/2015	0.039	<0.02	0.092	0.32	<0.03	-	<10	636	298	-	-	-	-	-	-	-	-	-
SITE 19	19-BH15-05	0.6-0.7		-	-	-	-	-	-	-	-	-	0.13	<0.05	-	-	-	-	-	-	
SITE 19	19-BH15-05	0.6-0.7	9/28/2015	0.019	<0.02	0.024	0.066	<0.03	-	<10	743	261	-	-	-	-	-	-	-	-	-
SITE 19	19-BH15-06	0.6-0.7		-	-	-	-	-	-	-	-	-	0.063	<0.05	-	-	-	-	-	-	
SITE 19	19-BH15-06	0.6-0.7	9/28/2015	0.011	<0.02	0.014	<0.04	<0.03	-	<10	225	315	-	-	-	-	-	-	-	-	-
SITE 19	19-BH15-12	0.6-0.9		-	-	-	-	-	-	-	-	-	0.059	<0.05	-	-	-	-	-	-	
SITE 19	19-BH15-12	0.6-0.9	10/1/2015	0.019	<0.02	0.025	<0.04	<0.03</													

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs					Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methyl/naphthalene, 1-	methyl/naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	
	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	0.2	350	
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	2500		

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methyl/naphthalene, 1-	methyl/naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	Metals
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-1	0-0.5	8/29/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	0.3	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	0.2	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	2.2	<0.1	-	240	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	0.2	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	100	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	0.2	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOCELL07-2	0-0.5	10/7/2007	<0.04	<0.5	<0.5	0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOMT1	5/31/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOMT1	5/31/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOMT1	5/31/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOMT1	5/31/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOMT1	5/31/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOMT1	5/31/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOMT1	5/31/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOMT1	5/31/2005		<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-BIOMT1	5/31/2005		<0.04	<0																	

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs				Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
EQL	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350	

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
SITE 19	19-EXC05-1-74	0.5-0.6	8/19/2005	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-EXC05-1-78	0.9-1	8/19/2005	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-EXC05-1-B2	0.9-1	8/19/2005	0.11	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-EXC05-1-85	0.9-1	8/19/2005	0.89	<0.5	2	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-EXC05-1-87	0.5-0.9	8/26/2005	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-EXC06-EW1	0.8-1	8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-EXC06-SW1	0.8-1	8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-EXC06-SW2	0.8-1	8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-EXC06-WW1	0.8-1	8/30/2006	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-01	3.1		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 19	19-M14-01	3.1	6/9/2014	0.92	0.33	0.037	<0.04	<0.03	-	<10	<100	123	-	-	-	-	-	-	-	-	
SITE 19	19-M14-01	6.9		-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-01	6.9	6/9/2014	0.013	0.02	<0.01	<0.04	<0.03	-	<10	<100	-	-	-	-	-	-	-	-	-	
SITE 19	19-M14-02	2.3		-	-	-	-	-	-	-	-	13	22	-	-	-	-	-	-	-	
SITE 19	19-M14-02	2.3	6/9/2014	130	1000	230	1300	<1.5	-	6900	2080	246	-	-	-	-	-	-	-	-	
SITE 19	19-M14-02	6.1		-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-02	6.1	6/9/2014	0.18	0.099	0.025	0.1	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	
SITE 19	19-M14-03	2.3		-	-	-	-	-	-	-	-	9.5	5.3	-	-	-	-	-	-	-	
SITE 19	19-M14-03	2.3	6/9/2014	2.2	<0.038	6.2	0.16	<0.03	-	220	948	<100	-	-	-	-	-	-	-	-	
SITE 19	19-M14-03	7.6		-	-	-	-	-	-	-	-	0.85	0.54	-	-	-	-	-	-	-	
SITE 19	19-M14-03	7.6	6/9/2014	0.21	0.039	0.75	0.057	<0.03	-	48	115	<100	-	-	-	-	-	-	-	-	
SITE 19	19-M14-04	3.1		-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-04	3.1	6/10/2014	0.01	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	
SITE 19	19-M14-04	6.8		-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-04	6.8	6/10/2014	0.032	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	
SITE 19	19-M14-05	3.1		-	-	-	-	-	-	-	-	6.4	2.4	-	-	-	-	-	-	-	
SITE 19	19-M14-05	3.1	6/10/2014	1.9	<0.033	3.6	6.4	<0.03	-	140	1490	<100	-	-	-	-	-	-	-	-	
SITE 19	19-M14-05	7.6		-	-	-	-	-	-	-	-	0.55	0.2	-	-	-	-	-	-	-	
SITE 19	19-M14-05	7.6	6/10/2014	0.085	0.082	0.13	0.41	<0.03	-	12	<100	<100	-	-	-	-	-	-	-	-	
SITE 19	19-M14-06	3.1		-	-	-	-	-	-	-	-	1.6	6.9	-	-	-	-	-	-	-	
SITE 19	19-M14-06	3.1	6/10/2014	4.5	<0.02	6.7	0.14	<0.03	-	140	2310	<100	-	-	-	-	-	-	-	-	
SITE 19	19-M14-06	6.1		-	-	-	-	-	-	-	-	1.9	0.92	-	-	-	-	-	-	-	
SITE 19	19-M14-06	6.1	6/10/2014	1.7	0.047	1.1	0.22	<0.03	-	39	317	<100	-	-	-	-	-	-	-	-	
SITE 19	19-M14-07	1.5		-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	
SITE 19	19-M14-07	1.5	6/10/2014	0.068	<0.02	0.2	<0.04	<0.03	-	16	<100	<100	-	-	-	-	-	-	-	-	
SITE 19	19-M14-07	5.3		-	-	-	-	-	-	-	-	<0.05									

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

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	Petroleum Hydrocarbons										PAHs				VOCs					Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	
µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g		
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	0.2		
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	25000	350		

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
SITE 19	19-SS04		8/16/2004	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-SS04		8/16/2004	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-SS04		8/18/2004	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	<250	<250	-	-	-	-	-	-	-	-	
SITE 19	19-SS04		8/18/2004	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-SS04		8/20/2004	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-SS04		8/20/2004	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-SS04		8/20/2004	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	<250	<250	-	-	-	-	-	-	-	-	
SITE 19	19-SSE			-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 19	19-SSE		6/28/2016	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	140	300	-	-	-	-	-	-	-	-	
SITE 19	19-SSS			-	-	-	-	-	-	-	-	-	0.052	<0.05	-	-	-	-	-	-	
SITE 19	19-SSS		6/28/2016	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	100	270	-	-	-	-	-	-	-	-	
SITE 19	19-SSW			-	-	-	-	-	-	-	-	-	0.05	<0.05	-	-	-	-	-	-	
SITE 19	19-SSW		6/28/2016	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	110	340	-	-	-	-	-	-	-	-	
SITE 19	19-SV15-02	0.6-0.7		-	-	-	-	-	-	-	-	-	0.065	<0.05	-	-	-	-	-	-	
SITE 19	19-SV15-02	0.6-0.7	9/28/2015	0.013	<0.02	0.016	<0.04	<0.03	-	<10	213	305	-	-	-	-	-	-	-	-	
SITE 19	19-SV15-03	0.6-0.7		-	-	-	-	-	-	-	-	-	0.067	<0.05	-	-	-	-	-	-	
SITE 19	19-SV15-03	0.6-0.7	9/28/2015	0.013	<0.02	0.018	<0.04	<0.03	-	<10	341	462	-	-	-	-	-	-	-	-	
SITE 19	19-SV15-07	0.6-0.7		-	-	-	-	-	-	-	-	-	0.065	<0.05	-	-	-	-	-	-	
SITE 19	19-SV15-07	0.6-0.7	9/28/2015	0.011	<0.02	0.014	<0.04	<0.03	-	<10	428	371	-	-	-	-	-	-	-	-	
SITE 19	19-TP03-2	0.6-0.8		-	-	-	-	-	-	-	-	-	4.8	2.5	-	-	-	-	-	-	
SITE 19	19-TP03-2	0.6-0.8	10/3/2003	0.22	<0.01	5.8	9.3	<0.01	-	810	3400	<250	-	4.8	2.5	<0.01	<0.02	-	-	-	
SITE 19	19-TP03-2	2-2.1	10/3/2003	0.68	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-TP03-3	1.3-1.5		-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 19	19-TP03-3	1.4-1.5	10/3/2003	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	<250	<250	-	-	-	-	-	-	-	-	
SITE 19	19-TP03-5	0.8-0.9		-	-	-	-	-	-	-	-	-	2	1.4	-	-	-	-	-	-	
SITE 19	19-TP03-5	0.8-0.9	10/3/2003	1.4	0.18	2.1	0.98	<0.01	-	240	2100	<250	-	2	1.4	<0.01	<0.02	-	-	-	
SITE 19	19-TP03-5	2.13-2.29	10/3/2003	0.63	<0.5	<0.5	1.4	<0.5	-	100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-TP03-6	0.3-0.3	10/20/2003	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-TP03-7	0.3-0.3	10/20/2003	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-TP04-1	0.2-0.5	7/27/2004	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-TP04-1	1.4-1.5	7/27/2004	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-TP04-1	2.4-2.6	7/27/2004	0.6	<0.5	2.8	<0.5	<0.5	-	210	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-TP04-2	1.1-1.2	7/27/2004	2.9	<0.5	5.4	40	<0.5	-	290	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-TP04-2	2.6-2.7	7/27/2004	4.4	<0.5	15	4.2	<0.5	-												

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs				Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	<0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350	

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 19	19-TP9	0.5-1	5/6/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 2	2-B2	1.5	9/8/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 2	2-B6	9/8/2017	<0.005	<0.05	0.048	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-
SITE 2	2-B6B	1.8	9/25/2017	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-B8	9/8/2017	0.0054	<0.05	0.038	0.17	<0.05	<0.2	<100	-	-	-	<0.07	<0.05	<0.05	<0.05	<0.05	0.141
SITE 2	2-B8B	1.8	9/25/2017	<0.005	<0.05	0.022	0.5	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-BH1-1-2	0.3-0.6	5/31/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-BH13-2.5-4.5	0.8-1.4	12/19/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
SITE 2	2-BH14-2.5-4.5	1.8-1.4	12/19/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
SITE 2	2-BH15-0-2	0-0.6	12/19/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-BH15-5-6	0-0.6	12/19/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-BH2-2.5-5	0.8-1.5	5/31/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-BH3-3-5	0.9-1.5	5/31/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-BH4-3-4.5	0.9-1.4	5/31/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-BH5-4-5	1.2-1.4	5/31/2018	<0.005	<0.05	0.04	<0.075	<0.05	<0.2	<100	<200	<200	<0.05	<0.01	<0.05	<0.05	<0.05	0.193
SITE 2	2-BH6-5-6	1.3-1.6	5/31/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	<0.05	<0.05	<0.05	<0.05	0.173
SITE 2	2-BH7-5-6	1.5-1.7	5/31/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
SITE 2	2-BH8-5-7	1.5-2.1	5/31/2018	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-C1	2.4-2.6	5/9/2019	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
SITE 2	2-C2	2.4-2.6	5/9/2019	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
SITE 2	2-D1	0.1	9/26/2017	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-E1	1.5	9/8/2017	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-E2	1.5	9/8/2017	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-F1		9/26/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 2	2-F2		9/26/2017	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-FA2	0.5-0.8	5/9/2019	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
SITE 2	2-FC3	1-1.3	5/9/2019	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
SITE 2	2-M3	1-1.3	5/9/2019	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
SITE 2	2-N3	2	9/8/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 2	2-N4	2	9/8/2017	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-
SITE 2	2-S1	2	9/8/2017	<0.005	<0.05	0.16	0.206	<0.05	<0.2	<100	-	-	-	<0.3	<0.05	<0.2	<0.05	0.23
SITE 2	2-S1B	1.8	9/25/2017	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
SITE 2	2-S2	1.5	9/8/2017	<0.005	<0.05	<0.015	<0.075	<0.05	&									

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs					Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.05	0.2		
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350		

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
SITE 21	21-CS16-4 (1.5)	1.5	8/16/2015	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-CS16-4 (2.5)	2.5	8/16/2015	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-CS16-4 (3.5)	3.5	8/16/2015	-	<0.02	<0.01	<0.04	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-CS16-5 (4.5)	4.5	8/16/2015	-	<0.02	<0.01	<0.04	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-CS16-A		8/15/2016	-	<0.02	<0.01	<0.04	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-MW15-1	0.5	4/11/2015	-	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	<0.05	<0.05	<0.1	<0.025	<0.025	-		
SITE 21	21-MW15-1	0.5	11/4/2015	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	<0.05	<0.05	<0.1	<0.025	<0.025	-		
SITE 21	21-MW15-10	0.5	6/11/2015	-	0.031	0.048	0.29	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-MW15-10	0.5	11/6/2015	<0.005	0.031	0.048	0.29	<0.03	-	<10	<100	<100	-	<0.05	<0.05	<0.1	<0.025	<0.025	-		
SITE 21	21-MW15-10	3.8	6/11/2015	-	<0.02	<0.01	<0.04	<0.03	-	-	-	0.14	0.068	-	-	-	-	-	-		
SITE 21	21-MW15-10	3.8	11/6/2015	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	0.14	0.068	<0.1	<0.025	<0.025	-		
SITE 21	21-MW15-10	3.8	11/6/2015	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	<0.1	<0.025	<0.025	-	-		
SITE 21	21-MW15-3 (0.5)	0.5	4/11/2015	-	<0.02	<0.01	<0.04	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-MW15-3 (1.4)	1.4	4/11/2015	-	<0.02	<0.01	<0.04	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-MW15-5	1.4	4/11/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 21	21-MW15-5	2.3	4/11/2015	-	<0.02	<0.01	<0.04	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-MW15-5	5.3	4/11/2015	-	<0.02	<0.01	<0.04	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-MW15-5	5.3	11/4/2015	0.036	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	<0.1	<0.025	<0.025	-	-		
SITE 21	21-MW15-6 (0.5)	0.5	5/11/2015	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-MW15-6 (3.0)	3	5/11/2015	-	<0.02	<0.01	<0.04	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-MW15-7 (1.4)	1.4	4/11/2015	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-MW15-7 (2.3)	2.3	5/11/2015	-	<0.02	<0.01	<0.04	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-MW15-A		4/11/2015	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-MW15-D		6/11/2015	-	<0.02	<0.01	<0.04	<0.03	-	-	-	-	-	-	-	-	-	-	-		
SITE 21	21-MW16-13	8.4	7/16/2015	-	0.1	0.013	0.061	<0.03	-	-	-	-	-	-	-	-	-	-	-		
SITE 21	21-MW16-13	8.4	7/15/2016	0.058	0.1	0.013	0.061	<0.03	-	<10	-	-	-	-	<0.1	<0.025	<0.025	-	-		
SITE 21	21-MW16-20	3.8	7/18/2016	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	<0.1	<0.025	<0.025	-	-	-		
SITE 21	21-MW16-20	3.8	7/16/2018	-	<0.02	<0.01	<0.04	<0.03	-	-	-	-	-	-	-	-	-	-	-		
SITE 21	21-MW16-20	7.6	7/18/2016	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	-	-	-	-	<0.1	<0.025	<0.025	-	-		
SITE 21	21-MW16-20	7.6	7/16/2018	-	<0.02	<0.01	<0.04	<0.03	-	-	-	-	-	-	-	-	-	-	-		
SITE 21	21-SP16-2		8/23/2016	-	<0.02	<0.01	<0.04	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-SP16-3		9/23/2016	-	<0.02	<0.01	<0.04	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-SP16-4		9/23/2016	-	<0.02	<0.01	<0.04	<0.03	-	-	-	<0.05	<0.05	-	-	-	-	-	-		
SITE 21	21-SP16-5		9/2																		

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs					Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methyl/naphthalene, 1-	methyl/naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	
µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g		
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	0.2		
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350		

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methyl/naphthalene, 1-	methyl/naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
SITE 22	22-BH14-7	6.1-6.6	11/20/2014	<0.005	<0.02	<0.01	<0.04	-	<0.1	<10	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH14-7	7.6-8.1	11/20/2014	<0.005	<0.02	0.041	<0.04	-	<0.1	<10	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH14-7	7.6-8.1	11/20/2014	<0.005	<0.02	0.024	<0.04	-	<0.1	<10	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH14-7	8.7-9.1	11/20/2014	<0.005	<0.02	<0.01	<0.04	-	<0.1	<10	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH14-7	12.5-13	11/20/2014	<0.005	<0.02	<0.01	<0.04	-	<0.1	<10	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH14-7	16.6-16.9	11/20/2014	<0.005	<0.02	<0.01	<0.04	-	<0.1	48	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH14-7	16.6-16.9	11/20/2014	<0.005	<0.02	<0.01	<0.04	-	<0.1	120	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH14-7	18.6-19	11/20/2014	<0.005	<0.02	0.011	<0.04	-	<0.1	<10	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH14-7	21.8-22.2	11/20/2014	<0.005	<0.02	<0.01	<0.04	-	<0.1	<10	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH16	8.5-9.1	12/9/1996	<0.03	<0.2	0.93	6.03	-	-	52	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH16	8.5-9.1	12/9/1996	<0.02	<0.1	0.77	4.94	-	-	48	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH17	7.9-8.4	12/11/1996	<0.05	<0.1	<0.05	<0.1	-	<10	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH17-10	0.2-0.5	11/3/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	<0.02	<0.02	-	-	-	
SITE 22	22-BH17-11	0.2-0.5	11/3/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	<0.02	<0.02	-	-	-	
SITE 22	22-BH17-12	0.2-0.5	11/3/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	<0.02	<0.02	-	-	-	
SITE 22	22-BH17-12	0.6-0.9	11/3/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	<0.02	<0.02	-	-	-	
SITE 22	22-BH17-13	0.4-0.6	11/3/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	<0.02	<0.02	-	-	-	
SITE 22	22-BH17-13	0.4-0.6	11/3/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	<0.02	<0.02	-	-	-	
SITE 22	22-BH17-14	0.2-0.5	11/3/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	<0.02	<0.02	-	-	-	
SITE 22	22-BH17-15	6.9-7.3	12/15/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH17-15	7.3-7.7	12/15/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH17-2	0.6-0.8	4/24/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH17-2	1.4-1.5	4/24/2017	0.013	<0.02	0.015	0.042	<0.03	<0.1	<10	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH17-2	2.7-3.2	4/24/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	-	<0.02	<0.02	-	-	
SITE 22	22-BH17-2	2.7-3.2	4/24/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	-	<0.02	<0.02	-	-	
SITE 22	22-BH17-2	8.4-8.8	4/25/2017	0.18	22	8	42	<0.03	<0.1	240	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH17-2	8.4-8.8	4/25/2017	0.079	12	4.7	24	<0.03	<0.1	170	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH17-2	11.1-11.6	4/25/2017	0.049	12	5.3	28	<0.03	<0.1	180	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH17-2	13.3-13.7	4/25/2017	<0.005	0.16	0.15	0.87	<0.03	<0.1	13	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH17-3	0.5-0.9	4/25/2017	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	280	-	<0.02	<0.01	-	-	-	-	-	
SITE 22	22-BH17-3	1.1																			

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs			VOCs			Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	0.2
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	25000	25000

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs			VOCs			Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	0.2
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	25000	25000

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons												PAHs				VOCs						Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium				
µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g				
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	0.2	0.2				
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	2500	350				

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
SITE 3	3-EXC18-03-03	1.5-1.61	8/16/2018	<0.005	<0.05	<0.015	<0.075	<0.05	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-EXC18-03-04	1.5-1.62	8/16/2018	<0.005	<0.05	<0.015	<0.075	<0.05	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-EXC18-03-05	1.5-1.63	8/16/2018	<0.005	<0.05	<0.015	<0.075	<0.05	-	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-EXC18-04-01	1.4-1.5	10/22/2018	0.0582	<0.05	4.2	17.5	<0.05	<0.2	290	-	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-EXC18-04-02	2.2-2.3	10/22/2018	0.848	0.152	2.19	4.06	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TN01-01	0.3-0.3	8/25/2001	-	-	-	-	-	-	<10	44	-	-	-	-	-	-	-	-	-	365	
SITE 3	3-TN01-01	0.3-0.3	8/25/2001	-	-	-	-	-	-	<20	16	-	-	-	-	-	-	-	-	-	2992	
SITE 3	3-TN01-01	1.5-1.5	8/25/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TN01-01	1.5-1.5	8/25/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TN01-01	1.5-1.5	8/25/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TN01-01	2.1-2.1	8/25/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TN01-01P		8/25/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	404	
SITE 3	3-TN01-01P		8/25/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	158	
SITE 3	3-TN01-02		8/25/2001	-	-	-	-	-	-	-	21	45	-	-	-	-	-	-	-	-	-	107
SITE 3	3-TN01-0203	0.3-0.3	8/25/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	354	
SITE 3	3-TN01-0203	0.3-0.3	8/25/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	206	
SITE 3	3-TN01-0203	0.5-0.5	8/25/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	416	
SITE 3	3-TN01-0203	2.5-2.5	5/9/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TN01-0203	2.5-2.5	5/9/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TN01-0203	2.8-2.8	5/9/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TN01-0203	3.2-3.2	5/9/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TN01-0203	3.3-3.3	5/9/2001	-	-	-	-	-	-	<10	<10	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TN01-03		8/25/2001	-	-	-	-	-	-	4482	10,649	-	-	-	-	-	-	-	-	-	34	
SITE 3	3-TN01-PUMP		5/9/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	341	
SITE 3	3-TN01-PUMP		5/9/2001	-	-	-	-	-	-	-	67	<10	-	-	-	-	-	-	-	-	-	
SITE 3	3-TN01-PUMP		5/9/2001	-	-	-	-	-	-	-	29	<10	-	-	-	-	-	-	-	-	-	
SITE 3	3-TN01-PUMP		5/9/2001	-	-	-	-	-	-	-	84	<10	-	-	-	-	-	-	-	-	45	
SITE 3	3-TP17-01	0.2-0.3	3/30/2017	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	276	
SITE 3	3-TP17-02	0.3-0.4	3/30/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	607	
SITE 3	3-TP17-03	0.4-0.5	3/30/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TP17-03	2.2-2.3	3/30/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TP17-04	0.4-0.5	3/30/2017	<0.005	<0.05	<0.015	0.193	<0.05	<0.2	<100	-	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TP17-04	0.76-0.9	3/30/2017	<0.005	<0.05	<0.015	<0.078	<0.05	<0.2	200	-	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-TP17-05	0.5-0.6	3/30/2017	<0.005	<0.05	<0.015	<0.075	<0.05	<0.2	<100	-</td											

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs				Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	
	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	-	-	-	-	-	-	-	-	-	
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350	

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
SITE 5	5-BH14-08	0.3-0.5	5/28/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-08	0.8-1	5/28/2014	<0.0063	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-09	0.3-0.5	5/28/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	120	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-09	0.8-1	5/28/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-10	0.3-0.5	5/28/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-10	0.8-1	5/28/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-11	0.3-0.5	5/28/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-11	0.8-1	5/28/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-12	0.3-0.5	5/28/2014	0.0065	<0.02	<0.01	<0.04	-	-	<10	<100	150	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-12	0.8-1	5/28/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	120	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-13	0.3-0.5	5/28/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-13	0.8-1	5/28/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-14	0.3-0.5	5/28/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-14	0.8-1	5/28/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-15	0.3-0.5	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-15	0.8-1	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-16	0.3-0.5	5/29/2014	0.006	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-16	0.8-1	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-17	0.3-0.5	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-17	0.8-1	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-18	0.3-0.5	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-18	0.8-1	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	270	230	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-19	0.3-0.5	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	94	2400	2600	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-19	0.8-1	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-19	0.8-1	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-19	0.8-1	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-20	0.3-0.5	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-20	0.8-1	5/29/2014	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-BH14-20	2.1-2.3	12/1/2016	-	-	-	-	-	<0.1	-	-	-	-	-	-	<0.025	<0.025	-	-	-	-	
SITE 5	5-BH14-20	3.6-3.7	12/1/2016	<0.02	<0.02	11	0.79	-	<0.1	440	8000	1100	-	-	-	<0.17	<0.025	-	-	-	-	-

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs			VOCs			Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	0.2
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	25000	25000

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs						Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-			
	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g		
EQL	0.005	0.02	0.01	0.04	0.03	<0.1	320	410	<100	-	-	-	-	-	-	-	-	-	-		
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350	barium		

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	Metals
SITE 5	5-MW15-03	3.9-4	12/1/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-03	5.9-6	12/1/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-09	5.8-6	12/4/2015	<0.0086	<0.02	0.33	<0.04	<0.03	<0.1	320	410	<100	-	-	-	<0.025	<0.025	-	-	-	-	
SITE 5	5-MW15-09	7.4-7.5	12/4/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-09	9.3-9.4	12/4/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-09	11.8-12	12/4/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-09	11.8-12	12/4/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-14	2.2-2.4	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-14	3-3.2	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-14	5-5.2	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-14	5.9-6	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-24	3.1-3.3	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-24	4-4.3	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-24	5.5-5.7	12/2/2015	<0.012	<0.048	<0.024	<0.096	-	-	<24	<100	160	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-24	5.9-6	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-MW15-24	5.9-6	12/2/2015	<0.005	<0.02	<0.01	<0.04	-	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 5	5-S10	1.2	5/1/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-S12		5/5/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-S2	0.2	4/30/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-S7	2.5	5/1/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-SV12-01	0.4-0.6	4/18/2012	<0.005	<0.02	<0.01	<0.04	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-SV12-01	1.2-1.4	4/18/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	340	-	-	-	<0.025	<0.025	-	-	-	-	
SITE 5	5-SV12-02	1.3-1.5	4/19/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	<0.025	<0.025	-	-	-	-	
SITE 5	5-SV12-03	0.4-0.6	4/19/2012	<0.005	<0.02	<0.01	<0.04	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-SV12-03	1.3-1.5	4/19/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	<0.025	<0.025	-	-	-	-	
SITE 5	5-SV12-04	1.3-1.5	4/19/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	<0.025	<0.025	-	-	-	-	
SITE 5	5-SV12-04	1.3-1.5	4/19/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	<0.025	<0.025	-	-	-	-	
SITE 5	5-SV12-05	1.3-1.5	4/19/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	<0.025	<0.025	-	-	-	-	
SITE 5	5-SV12-06	1.2-1.4	4/19/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	<0.025	<0.025	-	-	-	-	
SITE 5	5-SV15-01D/S	0.7-0.9	5/20/2015	<0.005	&																	

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs				Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
EQL	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350	

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
SITE 5	5-TPS	0.8	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-TPS	3.6	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	84	-	-	-	-	-	-	-	-	-	-	
SITE 5	5-TPS	4	5/3/2003	<0.04	<0.1	<0.1	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	
SITE 6	6-05-11	11.1-11.3	4/14/2005	<0.04	<0.5	<0.5	<0.5	<0.5	<0.5	-	<100	<250	<250	-	-	-	-	-	-	-	
SITE 6	6-05-11	12-12.2	4/14/2005	<0.04	<0.5	<0.5	<0.5	<0.5	-	-	<100	<250	<250	-	-	-	-	-	-	-	
SITE 6	6-05-12	1.5-1.6	4/14/2005	<0.04	<0.5	<0.5	0.7	<0.5	-	290	1900	840	-	-	-	-	-	-	-	-	
SITE 6	6-05-12	10.7-10.8	4/14/2005	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	<250	<250	-	-	-	-	-	-	-	-	
SITE 6	6-05-12	11.4-11.6	4/14/2005	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	<250	<250	-	-	-	-	-	-	-	-	
SITE 6	6-05-13	7.6-7.8	4/14/2005	<0.04	<0.5	2.4	25	<0.5	-	460	1600	<250	-	-	-	-	-	-	-	-	
SITE 6	6-05-13	10.7-10.8	4/14/2005	<0.04	<0.5	<0.5	2.6	<0.5	-	110	280	<250	-	-	-	-	-	-	-	-	
SITE 6	6-05-13	11.4-11.6	4/14/2005	<0.04	<0.5	<0.5	<0.5	<0.5	-	<100	<250	<250	-	-	-	-	-	-	-	-	
SITE 6	6-06-14	7.6-8.2	11/30/2006	<0.04	<0.5	5.2	36	<0.1	-	660	3400	290	-	16	7.6	-	-	-	-	89	
SITE 6	6-06-14	7.6-8.2	11/30/2006	<0.04	<0.5	7.2	49	-	-	730	3500	-	-	-	7.2	-	-	-	-	-	
SITE 6	6-06-14	9.6-9.8	11/30/2006	<0.04	<0.5	0.3	<0.1	-	<100	<250	<250	-	-	-	-	-	-	-	-	-	
SITE 6	6-06-14	10.5-10.7	11/30/2006	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	260	<250	-	-	-	-	-	-	-	-	
SITE 6	6-06-15	7.9-8.2	12/1/2006	<0.04	<0.5	<0.5	<0.1	<0.1	-	140	3100	360	-	-	-	-	-	-	-	-	
SITE 6	6-06-15	9.5-9.8	12/1/2006	<0.04	<0.5	1	8.3	<0.1	-	320	990	<250	-	-	-	-	-	-	-	-	
SITE 6	6-06-15	10.4-10.7	12/1/2006	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	<250	<250	-	-	-	-	-	-	-	-	
SITE 6	6-06-16	7.6-7.9	12/1/2006	<0.04	<0.5	0.7	1.7	<0.1	-	140	2600	530	-	-	-	-	-	-	-	-	
SITE 6	6-06-16	9.1-9.8	12/1/2006	<0.04	<0.5	2.2	8.6	<0.1	-	260	2500	430	-	5.7	2.3	-	-	-	-	68	
SITE 6	6-06-16	9.1-9.8	12/1/2006	<0.04	<0.5	2.2	8.2	<0.1	-	220	2200	460	-	6.3	2.2	-	-	-	-	61	
SITE 6	6-06-16	11.1-11.3	12/1/2006	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	<250	<250	-	-	-	-	-	-	-	-	
SITE 6	6-06-16	12.7-12.8	12/1/2006	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	260	<250	-	-	-	-	-	-	-	-	
SITE 6	6-06-17	9.1-9.8	12/2/2006	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	<250	<250	-	-	-	-	-	-	-	-	
SITE 6	6-06-17	10.7-11	12/2/2006	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	<250	<250	-	-	-	-	-	-	-	-	
SITE 6	6-06-18	0.3-0.5	12/2/2006	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	<250	<250	-	0.11	0.07	-	-	-	-	-	
SITE 6	6-06-18	9.5-9.8	12/3/2006	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	<250	<250	-	-	-	-	-	-	-	-	
SITE 6	6-06-18	10.7-10.9	12/3/2006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	81	
SITE 6	6-06-18	10.7-11	12/3/2006	<0.04	<0.5	0.5	9.1	<0.1	-	480	1400	<250	-	0.54	0.45	-	-	-	-	-	
SITE 6	6-06-18	11.1-11.3	12/3/2006	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	<250	<250	-	<0.05	<0.05	-	-	-	-	103	
SITE 6	6-06-19	1.8-2.1	12/11/2006	<0.04	<0.5	<0.5	<0.1	<0.1	-	<100	<250	<250	-	<0.05	<0.05	-	-	-	-	-	
SITE 6	6-06-19	9.5-9.8	12/11/2006	<0.04	<0.5	3.7	<0.1	-	<100	450	<250	<250	-	-	-	-	-	-	-	-	

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs			VOCs			Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-
µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.2	0.2
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	25000	25000

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs					Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	
	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	<10	<100	<100	-	<0.05	<0.05	-	-	-	-	-	-	-	
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350		

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
SITE 6	6-BH16-09	4	6/8/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 6	6-BH16-09	7.5	6/8/2016	<0.005	<0.02	0.22	0.72	<0.03	<0.1	150	3200	680	-	13	1.8	-	-	-	-	-	-	
SITE 6	6-BH16-09	7.5	6/8/2016	<0.005	<0.02	0.24	0.87	<0.03	<0.1	140	3200	690	-	13	1.9	-	-	-	-	-	-	
SITE 6	6-BH16-09	12	6/8/2016	<0.005	0.024	0.074	0.31	<0.03	<0.1	13	<100	<100	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 6	6-COMP		6/23/2014	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	-	-	-	-	-	-	-	-	-	-		
SITE 6	6-EXC12-1-EW-1	0.4-0.5	5/8/2012	<0.005	<0.02	0.014	0.045	<0.03	-	<10	967	1060	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-1-NW-1	0.4-0.5	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	180	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-1-SW-1	0.4-0.5	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	443	538	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-1-SW-1	0.4-0.5	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	860	444	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-1-SW-2	0.4-0.5	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-1-SW-3	0.7-0.9	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	3530	2460	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-2-EW-1	0.7-0.9	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	125	101	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-2-EW-2	1.1-1.2	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-2-NW-1	0.7-0.9	5/8/2012	0.0056	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-2-SW-2	0.7-0.9	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-2-SW-3	0.7-0.9	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-2-WW-2	0.7-0.9	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-3-SW-1	1.1-1.2	5/9/2012	<0.017	<0.093	5.4	130	<0.03	-	970	26,500	5560	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-4-EW-1	0.8-0.9	5/10/2012	-	-	-	-	-	-	<100	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-4-F-1	1-1.1	5/10/2012	-	-	-	-	-	-	<100	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-4-NW-1	0.8-0.9	5/10/2012	-	-	-	-	-	-	114	639	-	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-4-SW-1	0.8-0.9	5/10/2012	-	-	-	-	-	-	<100	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-EXC12-4-WW-1	0.8-0.9	5/10/2012	-	-	-	-	-	-	<100	<100	<100	-	-	-	-	-	-	-	-	-	
SITE 6	6-MW14-01	0-0.8	6/23/2014	0.017	0.079	0.032	0.23	<0.03	<0.1	15	890	314	-	0.21	<0.05	-	-	-	-	-	-	
SITE 6	6-MW14-02	13.5	6/23/2014	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	<0.05	<0.05	-	-	-	-	-	-	
SITE 6	6-MW16-01	0.5	6/8/2016	0.0089	0.046	0.01	0.057	<0.03	<0.1	<10	<100	210	-	<0.05	<0.05	-	-	-	-	-	97.5	
SITE 6	6-MW16-01	2.3	6/8/2016	0.0059	0.022	<0.01	0.057	<0.03	<0.1	<10	<100	<100	-	<0.05	<0.05	<0.1	-	<0.025	-	-		
SITE 6	6-MW16-01	10.5	6/8/2016	<0.005	<0.02	1.2	6.7	<0.03	<0.1	150	460	<100	-	1.8	1.6	-	-	-	-	-	-	
SITE 6	6-MW16-01	11	6/8/2016	<0.005	<0.02	3	14	<0.03	<0.1	160	140	<100	-	0.97	0.74	<0.1	-	<0.025	-	-		
SITE 6	6-MW16-01	14.3																				

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs				Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	
	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	-	-	-	<0.025	-	-	-	-	-	
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350	

Monitoring_Zone	Location_Code	Sample_Depth_Range	Sampled_Date_Time	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium
SITE 6	6-TP12-31	0.3-0.5	3/23/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	<0.025	-	-	-		
SITE 6	6-TP12-31	1.2-1.5	3/23/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	139	<100	-	-	-	-	<0.025	-	-	-		
SITE 6	6-TP12-32	0.4-0.5	3/23/2012	0.023	0.24	0.12	0.65	<0.03	<0.1	31	3680	3130	-	-	-	-	<0.025	-	-	-		
SITE 6	6-TP12-32	1-1.2	3/23/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	1050	501	-	-	-	-	-	-	-	-		
SITE 6	6-TP12-32	1.5-1.6	3/23/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	351	144	-	-	-	-	-	-	-	-		
SITE 6	6-TP12-33	0.3-0.5	3/23/2012	<0.005	0.032	0.013	0.082	<0.03	<0.1	36	803	277	-	-	-	-	-	-	-	-		
SITE 6	6-TP12-33	0.7-0.9	3/23/2012	<0.005	<0.039	<0.01	15	<0.03	<0.1	1100	5430	711	-	35	34	-	-	-	-	-		
SITE 6	6-TP12-33	1.3-1.4	3/23/2012	<0.005	0.025	0.011	0.85	<0.03	<0.1	110	1010	188	-	1.7	1.3	-	-	-	-	-		
SITE 6	6-TP12-33	1.7-1.9	3/23/2012	<0.005	<0.02	<0.01	0.064	<0.03	<0.1	51	504	<100	-	-	-	-	-	-	-	-		
SITE 6	6-TP12-34	0.2-0.4	3/23/2012	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	-	-	-	-	-	-	-	-		
SITE 6	6-TP12-34-2	0.8-0.9	5/8/2012	<0.005	<0.02	<0.01	<0.04	<0.03	-	<10	671	6550	-	-	-	-	-	-	-	-		
SITE 7	7-BH08-1	0.76-1.21	5/26/2008	-	-	-	-	-	-	-	<100	<100	-	<0.01	<0.01	-	-	-	-	-		
SITE 7	7-BH08-1	0.76-1.21	5/26/2008	-	-	-	-	-	-	-	<100	<100	-	-	-	-	-	-	-	41.5		
SITE 7	7-BH08-10	0.6-1.21	5/26/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	0.01	0.02	-	<0.03	<0.03	-	32.6		
SITE 7	7-BH08-11	1.52-2.13	5/26/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	26		
SITE 7	7-BH08-12	0.6-1.21	5/26/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	65.6		
SITE 7	7-BH08-13	0.3-0.91	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	89.2		
SITE 7	7-BH08-14	1.52-2.13	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	110		
SITE 7	7-BH08-15	0.3-0.91	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	39.1		
SITE 7	7-BH08-15	0.3-0.91	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	42.4		
SITE 7	7-BH08-16	0.3-0.91		-	-	-	-	-	-	<100	<100	-	-	-	-	-	-	-	-			
SITE 7	7-BH08-16	0.3-0.91	5/27/2008	-	-	-	-	-	-	-	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	26		
SITE 7	7-BH08-16	0.6-1.21	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	65.6		
SITE 7	7-BH08-17	0.91-1.52	5/27/2008	-	-	-	-	-	-	<100	<100	<100	-	<0.01	<0.01	-	-	-	-	-		
SITE 7	7-BH08-18	0.06	5/27/2008	-	-	-	-	-	-	<100	<100	<100	-	<0.01	<0.01	-	-	-	-	64.8		
SITE 7	7-BH08-18	0-0.6	5/27/2008	-	-	-	-	-	-	<100	<100	<100	-	<0.01	<0.01	-	-	-	-	65.8		
SITE 7	7-BH08-19	0.6-0.91	5/27/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	-	<0.01	<0.01	-	<0.03	<0.03	-	-		
SITE 7	7-BH08-21	1.52-2.13	5/26/2008	-	-	-	-	-	-	<100	<100	<100	-	<0.01	<0.01	-	-	-	-	41.8		
SITE 7	7-BH08-20	0.6-0.91	5/27/2008	-	-	-	-	-	-	<100	<100	<100	-	<0.01	<0.01	-						

TABLE B-2: SOIL DATA COMPARED TO CSR CL STANDARDS

	Petroleum Hydrocarbons										PAHs				VOCs				Metals
	benzene	toluene	ethylbenzene	total xylenes	styrene	methyl tert-butyl ether [MTBE]	VPH	LEPH	HEPH	methyl naphthalene, 1-	methyl naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	
EQL	0.005	0.02	0.01	0.04	0.03	0.1	10	100	100	0.05	0.01	0.01	0.08	0.02	0.02	0.2	0.08	0.2	
BC CSR CL Minimums	0.035	0.5	15	6.5	50	20000	200	2000	5000	1000	950	20	9.5	15	50	25000	2500	350	
SITE 7	7-TP08-6	0.6-1.21		5/30/2008	-	-	-	-	-	<0.01	0.01	-	-	-	-	-	-	-	
SITE 7	7-TP08-6	0.6-1.21		5/30/2008	-	-	-	-	-	<0.01	<0.01	-	-	-	-	-	-	-	
SITE 7	7-TP08-7	0.91-1.52		5/30/2008	-	-	-	-	-	<0.01	<0.01	-	-	-	-	-	-	-	
SITE 7	7-TP08-8	0.45-0.6		5/30/2008	-	-	-	-	-	<0.01	<0.01	-	-	-	-	-	-	-	
SITE 7	7-TP08-9	0.6-0.91		5/30/2008	<0.005	<0.03	<0.01	<0.1	<0.1	<0.1	<10	<100	<100	<0.01	<0.01	<0.03	<0.03	-	54.5
SITE 8	8-BH04-1	3.7	9/28/2004	<0.04	<0.05	<0.05	<0.1	-	<0.2	<100	<200	<200	<0.05	<0.05	-	<0.05	-	-	
SITE 8	8-BH16-11	0.3	9/26/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	<0.05	<0.05	<0.025	<0.025	-	-	
SITE 8	8-BH16-12	0.5	10/3/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	<0.05	<0.05	<0.025	<0.025	-	-	
SITE 8	8-BH16-12	2.8	10/3/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	<0.05	<0.05	<0.025	<0.025	-	-	
SITE 8	8-BH16-13	0.5	10/3/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	<0.05	<0.05	<0.025	<0.025	-	-	
SITE 8	8-BH16-15	0.3	9/26/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	<0.05	<0.05	<0.025	<0.025	-	-	
SITE 8	8-MW13-11	0.9	5/14/2013	<0.005	<0.05	<0.015	<0.075	-	<0.2	<100	<200	<200	<0.05	<0.05	-	<0.05	-	-	
SITE 8	8-MW13-12	1.2	5/15/2013	<0.005	<0.05	<0.015	<0.075	-	<0.2	<100	<200	<200	<0.05	<0.05	-	<0.05	-	-	
SITE 8	8-MW13-13	1.2-1.5	5/15/2013	<0.005	<0.05	<0.015	<0.075	-	<0.2	<100	<200	<200	<0.05	<0.05	-	<0.05	-	-	
SITE 8	8-MW13-14	1.2	5/15/2013	<0.005	<0.05	<0.015	<0.075	-	<0.2	<100	<200	<200	<0.05	<0.05	-	<0.05	-	-	
SITE 8	8-MW13-9	1.2	5/14/2013	<0.005	<0.05	0.063	<0.075	-	<0.2	130	330	540	<0.05	<0.06	-	<0.05	-	-	
SITE 8	8-MW15-1	2.4	3/17/2015	<0.005	<0.2	<0.015	<0.075	-	<0.2	<100	<200	<200	<0.05	<0.05	-	<0.05	-	-	
SITE 8	8-MW16-02	0.5	9/28/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	<0.05	<0.05	<0.025	<0.025	-	-	
SITE 8	8-MW16-04	0.5	10/3/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	<0.05	<0.05	<0.025	<0.025	-	-	
SITE 8	8-MW16-09	0.5	10/3/2016	<0.005	<0.02	<0.01	<0.04	<0.03	<0.1	<10	<100	<100	<0.05	<0.05	<0.025	<0.025	-	-	
SITE 8	8-O/W Sep 1	1.5	6/29/2012	<0.005	<0.05	<0.015	<0.075	-	<0.2	<100	<200	<200	<0.05	<0.05	-	<0.05	-	-	
SITE 8	8-O/W Sep 2	1.5	7/3/2012	<0.005	<0.05	<0.015	<0.075	-	<0.2	<100	<200	<200	<0.05	<0.05	-	<0.05	-	-	
SITE 9	9-CMW2S	1.37	5/22/2014	<0.12	7.49	15	80.4	<0.08	<0.08	2400	600	87	-	-	1.7	-	<0.15	<0.15	-
SITE 9	9-CMW8	2.28	5/22/2014	<0.03	<0.29	<0.07	<0.14	<0.07	<0.07	<20	180	<55	-	-	0.2	-	<0.14	<0.07	-
SITE 9	9-CMW8	2.28	5/22/2014	<0.03	<0.29	<0.07	<0.15	<0.07	<0.07	<20	310	90	-	-	0.2	-	<0.15	<0.07	-

BC CSR CL Minimums: BC Contaminated Sites Regulation, Schedule 3.1 Part 1, Part 2 and Part 3, Minimum of Matrix and Generic Numerical Soil Standards, Commercial
BC CSR CL h:BC Contaminated Sites Regulation, Schedule 3.1 Part 2 Generic Numerical Soil Standards to Protect Human Health, Commercial
BC CSR CL e:BC Contaminated Sites Regulation, Schedule 3.1 Part 3 Generic Numerical Soil Standards to Protect Ecological Health, Commercial
BC CSR CL dw:BC Contaminated Sites Regulation, Schedule 3.1 Part 1 Numerical Soil Standards, Groundwater used for drinking water - Commercial
BC CSR CL fw:BC Contaminated Sites Regulation, Schedule 3.1 Part 1 Numerical Soil Standards, Groundwater flow to surface water used by aquatic life (Freshwater) - Commercial
BC CSR CL i:BC Contaminated Sites Regulation, Schedule 3.1 Part 1 Numerical Soil Standards, Intake of Contaminated Soil - Commercial
BC CSR CL m:BC Contaminated Sites Regulation, Schedule 3.1 Part 1 Numerical Soil Standards, Groundwater flow to surface water used by aquatic life (Marine) - Commercial
BC CSR CL t:BC Contaminated Sites Regulation, Schedule 3.1 Part 1 Numerical Soil Standards, Toxicity to soil invertebrates and plants - Commercial

Notes:

m - metres

mbg - metres below grade

< - less than reported detection limit

'-' - sample not analyzed for parameter indicated

• formatting of cells indicates exceedances of like-formatted standards

• where many exceedance formats are used, highlighted results reflect the least stringent standard/guideline exceeded

• samples collected from the same location, date and depth interval are blind field duplicate / parent sample pairs

• laboratory analytical reports detail detection limits, testing protocols and QA/QC procedures

µg/g - micrograms per gram

BTEX - benzene, toluene, ethylbenzene, xylenes

MTBE - methyl tert-butyl ether

EPHs10-19 - extractable petroleum hydrocarbon in soil (nC₁₀-nC₁₉)

LEPHs - light extractable petroleum hydrocarbons in soil: EPHs10-19 minus PAH compounds: naphthalene and phenanthrene

EPHs19-32 - heavy extractable petroleum hydrocarbons (nC₁₉-nC₃₂)

HEPHs - heavy extractable petroleum hydrocarbons in soil: EPHs19-32 minus PAH compounds: benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, dibenz[a,h]anthracene, indeno[1,2,3-cd]pyrene and pyrene

PAH - polycyclic aromatic hydrocarbons

VH6-10 - volatile petroleum hydrocarbons (nC₆-nC₁₀)

VPHs - volatile petroleum hydrocarbons in soil: VH6-10 minus BTEX and styrene

PAH - polycyclic aromatic hydrocarbons

VOCs - volatile organic compounds

TABLE B-3: GROUNDWATER DATA COMPARED TO CSR STANDARDS

	Petroleum Hydrocarbons								PAHs			VOCs				Metals		Organic Metals		
	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LPHW	methyl/naphthalene, 1-	methyl/naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzenes, 1,3,5-	barium	barium (filtered)	tetraethyl lead
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2		0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001

SITE #	Location	Sample Date	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LPHW	methyl/naphthalene, 1-	methyl/naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzenes, 1,3,5-	barium	barium (filtered)	tetraethyl lead
SITE 1	1-MW10 (D)	2/18/2014	0.69	0.57	<0.5	1.19	<0.5	<0.5	<100	<0.25	-	-	0.16	-	-	-	-	-	25	-	-	
SITE 1		7/19/2014	1.63	3.3	1.61	9.19	-	<0.5	<100	<250	-	-	0.551	-	-	-	-	-	28	-	-	
SITE 1	1-MW11	2/18/2014	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	<0.25	-	-	0.06	-	-	-	-	-	177	-	-	
SITE 1		7/19/2014	0.58	2.09	0.54	3.63	-	<0.5	<100	<250	-	-	0.387	-	-	-	-	-	219	-	-	
SITE 1	1-MW15-4 (K)	5/4/2016	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	<1	-	-	-	-	-	-	-	
SITE 1		7/19/2014	9640	37,600	3230	21,600	-	<25	<14,000	8140	-	-	364	-	-	-	-	-	468	-	-	
SITE 1	1-MW16	7/4/2017	989	28,900	2420	16,200	0.63	<0.5	<10,000	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1		10/12/2017	1220	21,700	2510	16,700	<25	<25	8600	-	-	-	374	<20	<5	<50	60	<402	-	-	-	
SITE 1	1-MW16-03 (D)	4/8/2016	1.04	1.21	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-MW16-03 (S)	4/8/2016	<0.5	0.67	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1		2/8/2018	<0.5	<0.45	<0.5	<0.75	<0.5	<0.5	-	-	-	-	-	-	-	-	-	<1	-	-	-	
SITE 1	1-MW16-04	4/8/2016	<0.5	0.76	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-MW16-26 (K)	6/29/2017	8840	1720	1170	3720	<0.5	6.48	<5000	-	-	-	-	-	<9	-	-	-	-	-	-	
SITE 1		10/12/2017	14,000	5040	385	7940	<0.5	2.32	<5000	-	-	-	107	<7	<0.2	<9	12.7	14.2	336	-	-	
SITE 1	1-MW17	2/18/2014	839	8.4	8.4	5.2	<2.5	118	1040	390	-	-	0.67	-	-	-	-	-	256	-	-	
SITE 1		7/19/2014	1330	79.1	40.7	52.2	-	91.5	840	400	-	-	1.91	-	-	-	-	-	321	-	-	
SITE 1		10/12/2017	88.4	34	4.62	29.5	<0.5	28.9	2070	-	-	-	1.8	<7	<0.1	83.9	16.9	-	1.2	-	-	
SITE 1	1-MW18	2/18/2014	34,600	17,000	2680	15,300	<100	<100	<20,000	-	-	-	325	-	-	-	-	-	268	-	-	
SITE 1		7/19/2014	37,400	18,300	2600	14,700	-	<50	<13,000	2620	-	-	260	-	-	-	-	-	249	-	-	
SITE 1		10/12/2017	23,300	18,700	2040	12,600	6.44	<4	26,000	-	-	-	275	<20	<0.5	<40	41.6	<276	-	-	-	
SITE 1	1-MW19	2/18/2014	1480	160	2000	3950	<10	<100	9800	-	-	-	332	-	-	-	-	-	131	-	-	
SITE 1		3/8/2015	822	120	2040	2510	<5	<5	15,000	4360	-	-	292	-	<10	-	-	-	275	-	-	
SITE 1		3/11/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89	-	-	
SITE 1	1-MW20	2/18/2014	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	290	-	-	<0.2	-	-	-	-	-	82	-	-	
SITE 1		7/19/2014	4.57	5.36	1.81	9.9	-	<0.5	<100	260	-	-	0.272	-	-	-	-	-	96	-	-	
SITE 1	1-MW3	2/18/2014	2230	70.5	544	1060	<5	<5	4000	-	-	-	123	-	-	-	-	-	96	-	-	
SITE 1		7/19/2014	525	48.3	595	1210	-	<1	2930	1960	-	-	124	-	-	-	-	-	129	-	-	
SITE 1	1-MW34	3/8/2015	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	<250	-	-	<0.05	-	<1	-	-	-	401	-	-	
SITE 1		3/11/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	167	-	-	
SITE 1		10/12/2017	13.7	18.8	0.96	5.79	<0.5	<0.5	<100	-	-	-	<1	<0.2	<0.1	<1	<1	<1	-	-	-	
SITE 1	1-MW35	3/8/2015	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	<250	-	-	<0.05	-	-	<1	-	-	335	-	-	
SITE 1		3/11/2015	-	-	-	-	-															

TABLE B-3: GROUNDWATER DATA COMPARED TO CSR STANDARDS

	Petroleum Hydrocarbons								PAHs			VOCs				Metals		Organic Metals		
	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001		
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001

SITE #	Location	Sample Date	768	3950	742	4540	<10	<10	6800	-	-	116	<4	<2	<20	41	-	201	-	-
SITE 1	1-MW-R (D)	9/25/2015	286	32.4	16.3	35	<0.5	<0.5	<200	<250	-	1.65	-	-	2.2	-	-	-	-	-
SITE 1	1-MW-R (S)	10/12/2017	16.4	23.5	1.3	7.5	<0.5	<0.5	<100	-	-	<1	<0.2	<0.1	<2	<1	-	<1	-	-
SITE 1	1-MW-S (D)	9/25/2015	5780	227	336	389	<25	<25	<5000	<250	-	16.4	-	-	<50	-	-	-	-	-
SITE 1	1-MW-S (D)	10/12/2017	9650	134	357	597	<0.5	<0.7	<5000	-	-	23.4	<30	<0.1	<4	8.7	-	82.7	-	-
SITE 1	1-MW-S (D)	10/17/2015	-	-	-	-	-	-	<250	-	-	3.89	-	-	-	-	-	-	-	-
SITE 1	1-MW-S (D)	5/2/2016	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW-S (D)	2/8/2018	<0.5	<0.45	<0.5	<0.75	<0.5	<0.5	<100	-	-	<1	-	-	-	-	-	<1	-	-
SITE 1	1-MW-S (S)	3/8/2016	5.22	<0.5	2.74	2.63	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW-S (S)	5/2/2016	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW-S (S)	2/8/2018	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW-T (D)	9/25/2015	2.14	12	4.04	34.6	<0.5	<0.5	<100	280	-	11.9	-	-	<1	-	-	-	-	-
SITE 1	1-MW-T (S)	5/2/2016	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW-U (D)	9/25/2015	4910	591	100	337	<25	<25	<5000	<250	-	1.98	-	-	<50	-	-	-	-	-
SITE 1	1-MW-U (D)	7/23/2017	6560	585	314	982	<0.5	<1	<2000	-	-	-	-	-	-	<30	-	-	-	-
SITE 1	1-MW-V (D)	9/25/2015	<0.5	1.02	<0.5	<0.75	<0.5	4.56	<100	<250	-	-	0.552	-	-	17.1	-	-	-	-
SITE 1	1-MW-V (D)	5/3/2016	13.7	<0.5	<0.5	1.66	<0.5	<7	<100	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW-V (D)	5/31/2016	11.3	1.21	<0.5	3.37	<0.5	<6	<100	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW-W (D)	9/25/2015	2.44	3.83	1.05	7.43	<0.5	<0.5	<100	<250	-	0.526	-	-	<1	-	-	-	-	-
SITE 1	1-MW-W (D)	5/2/2016	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW-W (D)	2/8/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
SITE 11	11-00-7	3/23/2000	633	30.6	115	39	<0.5	-	500	2400	-	181	-	-	<1	-	-	-	-	-
SITE 11	11-00-8	3/23/2000	45.6	2.1	1.2	5	<0.5	-	400	-	-	<1	-	-	<1	-	-	-	-	-
SITE 11	11-93-4D	5/2/2018	<0.4	<0.4	<0.4	<0.4	<0.4	<0.5	<4	-	-	-	-	-	<0.5	-	-	-	-	-
SITE 11	11-93-4S	5/2/2018	<0.4	<0.4	<0.4	<0.4	<0.4	<0.5	<4	<300	<200	-	-	-	<0.5	-	-	-	-	-
SITE 11	11-93-4Sc	10/4/2016	48	22	470	77	<0.5	<4	-	-	-	-	-	-	2.1	-	-	-	-	-
SITE 11	11-93-6S	6/29/2016	1.5	68	380	2100	<0.5	<4	3000	-	-	-	-	-	0.67	-	-	-	-	-
SITE 11	11-93-9	10/4/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<0.5	<4	<300	<200	-	-	-	<0.5	-	-	-	-	-
SITE 11	11-BH22	6/22/2016	42	9.6	38	15	<0.5	<4	1200	1000	-	16	8.6	-	0.73	-	-	-	-	-
SITE 11	11-BH25	9/11/2018	<0.4	<0.4	0.61	1.3	<0.5	<4	<300	300	1.3	0.84	0.67	-	<0.5	-	-	-	-	-
SITE 11	11-BH25	11/1/2018	<0.4	<0.4	<0.4	<0.4	<0.5	<4	<300	<200	<0.05	<0.1	<0.1	-	<0.5	-	-	-	-	-
SITE 11	11-BH26	9/11/2018	1.3	1.7	830	2000	<0.5	<4	8600	2300	52	81	230	-	<0.5	-	-	-	-	-
SITE 11	11-BH26	11/1/2018	1.4	1.4	800	1900	<0.5	<4	8600	3300	53	82	230	-	<0.5	-	-	-	-	-
SITE 11	11-BH27	9/11/2018	<0.4	<0.4	5.6	2.4	<0.5	<4	590	<200	0.21	0.37	0.36	-	<0.5	-	-	-	-	-
SITE 1																				

TABLE B-3: GROUNDWATER DATA COMPARED TO CSR STANDARDS

	Petroleum Hydrocarbons								PAHs			VOCs					Metals		Organic Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001		
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001

SITE #	Location	Sample Date	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead
SITE 18	18-BH08-13	7/18/2008	<0.5	<1	<0.5	<1	-	<4	<300	<80	-	-	0.01	-	-	-	-	-	-	-	-	-
SITE 18		6/23/2009	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18		10/30/2009	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18		5/28/2010	<0.4	<0.4	<0.4	<0.7	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18		10/28/2010	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18		5/31/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18		8/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		11/29/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		3/13/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		6/12/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		9/12/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		11/21/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		7/10/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		10/23/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		12/10/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		5/28/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		10/23/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		12/10/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		5/28/2016	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		10/26/2016	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		9/15/2016	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		6/14/2017	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		7/12/2017	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		12/10/2017	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		5/28/2018	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		10/26/2018	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		12/10/2018	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		5/28/2019	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		10/23/2019	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		12/10/2019	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		5/28/2020	<0.4	<0.4	<0.4	<0.4	-	<4	<													

**TABLE B-3: GROUNDWATER
DATA COMPARED TO CSR
STANDARDS**

Petroleum Hydrocarbons												PAHs			VOCs				Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	vPHw	LePHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead				
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2			0.001			
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001		

TABLE B-3: GROUNDWATER DATA COMPARED TO CSR STANDARDS

SITE #	Location	Sample Date	Petroleum Hydrocarbons							PAHs			VOCs					Metals		Organic Metals		
			benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
EQL			0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001		
BC CSR Minimums			5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001

SITE #	Location	Sample Date	Petroleum Hydrocarbons							PAHs			VOCs					Metals		Organic Metals	
			benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SITE 18		9/1/2006	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18		8/22/2007	<0.5	<0.5	<0.5	<1	-	<4	<300	<80	-	-	<0.01	-	-	-	-	-	-	-	-
SITE 18		3/13/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
SITE 18		7/10/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
SITE 18		10/23/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
SITE 18		6/17/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	0.11	-	-	-	-	-	-	-	-
SITE 18		11/18/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
SITE 18		5/26/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
SITE 18		9/15/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
SITE 18		7/11/2018	<0.4	<0.4	<0.4	<0.4	<0.5	<4	<300	-	-	-	<0.5	<0.2	<0.5	<2	-	<2	-	-	-
SITE 18	18-BH21	12/23/1999	99	98	54	390	-	-	1300	300	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH21	2/24/2000	1200	5900	1200	8200	-	-	3500	5300	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH21	4/5/2000	100	800	190	1900	-	-	<100	700	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH21	4/13/2000	400	1300	590	3700	-	-	4500	2400	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH21	5/5/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH21	1/11/2001	110	1680	680	8290	-	-	9000	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH21	4/11/2001	14	71	140	1200	-	-	1000	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH21	7/17/2001	80	720	560	11,800	-	-	9000	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH21	10/9/2001	36	149	353	10,100	-	-	8900	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH21	1/15/2002	<0.5	0.5	3.2	43	-	-	<100	<300	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH21	4/12/2002	<0.5	<0.5	<0.5	<1	-	<1	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH21	7/2/2002	16	34	219	1940	-	<10	7000	8000	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH21	10/4/2002	4	4	170	1420	-	<5	6200	7600	-	-	119	-	-	-	-	-	-	-	-
SITE 18	18-BH21	1/14/2003	0.6	0.9	23.4	142	-	<1	500	800	-	-	<1	-	-	-	-	-	-	-	-
SITE 18	18-BH21	4/2/2003	<0.5	<0.5	<0.5	<1	-	<1	<100	<300	-	-	<0.05	-	-	-	-	-	-	-	-
SITE 18	18-BH26	2/25/2000	3300	12,000	2000	11,000	-	-	7600	2800	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH26	4/20/2000	-	-	-	-	-	-	-	-	-	-	110	-	-	-	-	-	-	-	-
SITE 18	18-BH26	8/31/2000	1830	8110	761	6100	-	419	<1000	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BH26	4/12/2001	780	280																	

TABLE B-3: GROUNDWATER DATA COMPARED TO CSR STANDARDS

	Petroleum Hydrocarbons								PAHs			VOCs				Metals		Organic Metals		
	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001		
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001

SITE #	Location	Sample Date	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead
SITE 18		9/12/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		11/21/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		7/10/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		10/23/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		6/17/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		11/17/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		5/25/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		9/14/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18		7/11/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18	18-BHA	12/21/1999	43	10	68	140	-	-	<700	300	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BHA	4/20/2000	-	-	-	-	-	-	-	-	-	0.17	-	-	-	-	-	-	-	-	-	-
SITE 18	18-BHA	9/21/2000	22.6	1.8	15.3	1	-	-	<100	<300	-	-	1.76	-	-	-	-	-	-	-	-	-
SITE 18	18-BHA	10/18/2000	6.2	0.5	0.7	10	-	-	<100	<300	-	-	0.71	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	8/23/2012	1.5	<0.4	1.6	0.86	<0.4	-	-	<200	-	0.26	1.3	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	11/29/2012	42	0.51	58	23	-	<4	<300	<200	-	1.7	16	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	3/13/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	6/12/2013	0.75	0.42	0.89	1.6	-	<4	<300	860	-	0.12	0.4	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	9/12/2013	2.5	<0.4	4.5	<0.4	-	<4	<300	<200	-	0.26	5.1	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	11/21/2013	100	1.6	170	72	-	<4	<300	230	-	0.32	19	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	7/10/2014	63	0.68	110	16	-	<4	<300	<200	-	<0.1	6.1	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	10/23/2014	0.49	<0.4	1.8	1.3	-	<4	<300	350	-	0.33	0.59	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	3/19/2015	250	8.5	510	92	-	<4	640	400	-	0.64	49	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	6/16/2015	100	0.48	270	<0.4	-	<4	320	560	-	0.23	25	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	9/28/2015	130	1.5	310	6.6	-	<4	<300	1600	-	<0.5	18	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	11/17/2015	97	0.75	310	0.53	-	<4	<300	460	-	<0.1	5.3	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	11/17/2015	96	0.68	300	<0.4	-	<4	<300	470	-	<0.1	8.5	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	5/25/2016	180	12	160	81	<0.4	12	<300	<200	-	<0.1	0.53	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	9/14/2016	64	<0.4	190	<0.4	-	<4	<300	270	-	<0.1	2.1	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	6/13/2017	140	4.5	440	<0.4	<0.4	<4	<300	490	-	<0.1	29	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	11/20/2017	38	0.79	130	<0.4	<0.4	<4	-	420	-	<0.1	4.4	-	-	-	-	-	-	-	-	-
SITE 18	18-MW12-1D	7/11/2018	45	2.7	160	<0.4	<0.5	<4	<300													

TABLE B-3: GROUNDWATER DATA COMPARED TO CSR STANDARDS

	Petroleum Hydrocarbons								PAHs			VOCs				Metals		Organic Metals																			
	benzene		toluene		ethylbenzene		total xylenes		styrene		MTBE		VPHw		LEPHw		methylnaphthalene, 1-		methylnaphthalene, 2-		naphthalene		butadiene, 1,3-		dibromoethane, 1,2-		dichloroethane, 1,2-		isopropylbenzene		propylbenzene, 1-		trimethylbenzene, 1,3,5-		barium	barium (Filtered)	tetraethyl lead
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L						
EQL	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	2000	400	40	1000	1000	0.001									
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								

SITE #	Location	Sample Date	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead			
SITE 18		6/17/2015	<0.61	39	110	1500	-	<4	3700	5000	-	150	410	-	-	-	-	-	-	-	-	-	-		
SITE 18		9/28/2015	4.4	350	930	6200	-	<4	9900	18,000	-	540	1100	-	-	-	-	-	-	-	-	-	-		
SITE 18		11/18/2015	2	190	410	3000	-	<4	2300	2900	-	81	350	-	-	-	-	-	-	-	-	-	-		
SITE 18		5/26/2016	0.51	15	140	970	<0.4	<4	3400	5800	-	170	340	-	-	-	-	-	-	-	-	-	-		
SITE 18		9/15/2016	0.78	37	250	1700	<0.4	<4	3100	19,000	-	430	580	-	-	-	-	-	-	-	-	-	-		
SITE 18		6/14/2017	0.73	12	200	900	<0.4	<4	3300	4200	-	99	210	-	-	-	-	-	-	-	-	-	-		
SITE 18		11/20/2017	0.7	27	200	1100	<0.4	<4	-	4900	-	120	240	-	-	-	-	-	-	-	-	-	-		
SITE 18		7/11/2018	<0.4	5.4	95	510	<0.5	<4	2600	-	-	-	<0.5	<0.2	<0.5	18	-	290	-	-	-	-	-		
SITE 18	18-RW00-1	1/11/2001	20.2	30.8	<0.5	116.3	-	-	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 18	18-RW00-1	8/28/2001	4.7	9.4	<0.5	9.3	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 18	18-RW00-1	8/22/2007	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 18	18-RW00-1	9/4/2007	<0.5	<0.5	<5	1.8	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 18	18-RW00-1	10/30/2009	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 18	18-RW00-1	5/28/2010	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 18	18-RW00-1	5/31/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 18	18-RW00-1	11/21/2013	<0.4	0.47	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	
SITE 18	18-RW00-2	8/28/2001	<0.5	0.8	<0.5	1	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-2	5/2/2008	<0.5	<0.5	<0.5	<1	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-2	10/30/2009	<0.5	8.6	320	800	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-2	5/28/2010	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-2	9/12/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-2	10/23/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-2	6/17/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-2	11/18/2015	<0.4	0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-3	8/22/2007	179	2.9	373	1110	-	<4	2900	4900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-3	9/4/2007	118	2.1	421	1230	-	<4	2800	4630	-	-													

TABLE B-3: GROUNDWATER DATA COMPARED TO CSR STANDARDS

	Petroleum Hydrocarbons								PAHs			VOCs					Metals		Organic Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001		
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001

SITE #	Location	Sample Date	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead
SITE 18		5/16/2011	13.1	8.2	147	1030	-	<4	2000	3400	-	-	-	-	-	-	-	-	-	-	-	
SITE 18		9/27/2011	13.3	8.6	154	1070	-	<4	2100	3400	-	-	-	-	-	-	-	-	-	-	-	
SITE 18		13	38	180	710	-	<4	1800	4100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 18		13	36	190	710	-	<4	1900	4100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 18		5/31/2012	9.5	2.6	260	530	-	<4	2500	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 18		8/23/2012	170	200	70	560	<0.4	-	-	870	-	3.2	30	-	-	-	-	-	-	-	-	-
SITE 18		11/29/2012	30	19	540	1100	-	<4	2500	3800	-	41	260	-	-	-	-	-	-	-	-	-
SITE 18		3/13/2013	10	5.2	370	720	-	<4	2800	4500	-	21	190	-	-	-	-	-	-	-	-	-
SITE 18		6/12/2013	9.1	8.3	290	390	-	<4	2000	4600	-	13	120	-	-	-	-	-	-	-	-	-
SITE 18		9/12/2013	8.5	5.2	280	370	-	<4	2200	4300	-	14	140	-	-	-	-	-	-	-	-	-
SITE 18		11/21/2013	6	2.7	240	260	-	<4	1400	3800	-	6.1	120	-	-	-	-	-	-	-	-	-
SITE 18		7/10/2014	2.6	1	130	68	-	<4	1200	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18		7/10/2014	2.4	0.88	120	64	-	<4	720	3800	-	1.7	31	-	-	-	-	-	-	-	-	-
SITE 18		10/23/2014	3.4	1.2	130	68	-	<4	590	3000	-	2.2	43	-	-	-	-	-	-	-	-	-
SITE 18		6/17/2015	1.8	1.1	81	43	-	<4	760	2100	-	0.2	24	-	-	-	-	-	-	-	-	-
SITE 18		11/18/2015	1.7	0.78	83	33	-	<4	550	1900	-	<0.1	13	-	-	-	-	-	-	-	-	-
SITE 18		1.7	0.79	70	30	-	<4	610	1800	-	<0.1	7.6	-	-	-	-	-	-	-	-	-	-
SITE 18		5/26/2016	<0.4	<0.4	0.53	0.9	<0.4	<4	<300	350	-	0.14	0.5	-	-	-	-	-	-	-	-	-
SITE 18		<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	330	-	0.13	0.48	-	-	-	-	-	-	-	-	-	-
SITE 18		9/15/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	240	-	<0.1	1.2	-	-	-	-	-	-	-	-	-
SITE 18		6/14/2017	<0.4	<0.4	0.77	<0.4	<0.4	<4	<300	<200	-	<0.1	0.19	-	-	-	-	-	-	-	-	-
SITE 18		7/11/2018	<0.4	<0.4	2.1	0.55	<0.5	<4	<300	<200	-	1.5	<0.1	0.48	<0.5	<0.2	<0.5	<2	-	<2	-	-
SITE 18	18-RW00-7	9/4/2007	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-7	10/30/2009	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-7	3/21/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-7	8/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<400	-	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
SITE 18	18-RW00-7	11/29/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-7	3/13/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-7	7/10/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-7	10/23/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-7	6/17/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-7	11/18/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-					

**TABLE B-3: GROUNDWATER
DATA COMPARED TO CSR
STANDARDS**

Petroleum Hydrocarbons													PAHs			VOCs				Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	vPHw	LePHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead					
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2			0.001			
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001			

**TABLE B-3: GROUNDWATER
DATA COMPARED TO CSR
STANDARDS**

Petroleum Hydrocarbons													PAHs			VOCs				Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	vPHw	LePHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead					
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2			0.001			
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001			

**TABLE B-3: GROUNDWATER
DATA COMPARED TO CSR
STANDARDS**

Petroleum Hydrocarbons													PAHs			VOCs				Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	vPHw	LePHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead					
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L					
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2		0.001					
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000				

**TABLE B-3: GROUNDWATER
DATA COMPARED TO CSR
STANDARDS**

Petroleum Hydrocarbons												PAHs			VOCs			Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzenes, 1,3,5-	barium	barium (Filtered)	tetraethyl lead		
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001			
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000		

SITE #	Location	Sample Date												
SITE 22		11/19/2001	<0.5	<0.5	<0.5	<1	-	<1	<100	-	-	-	-	-
SITE 22		3/18/2004	<0.5	<1	<0.5	<1	-	<1	<100	-	-	-	-	-
SITE 22		1/26/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-
SITE 22		11/9/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-
SITE 22		1/30/2006	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-
SITE 22			<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-
SITE 22		3/1/2007	<0.5	<0.5	<0.5	<0.5	-	<4	<300	-	-	-	-	-
SITE 22		6/13/2008	<0.5	<0.5	<0.5	<0.5	-	<0.5	<4	<300	-	-	-	-
SITE 22		8/10/2017	-	-	-	-	-	-	-	-	-	-	-	<2
SITE 22		10/26/2017	-	-	-	-	-	-	-	-	-	-	-	<2
SITE 22	22-BH12-1-2	5/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		6/25/2013	0.95	0.6	2.7	0.94	-	<4	<300	-	-	-	-	-
SITE 22		9/17/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		3/26/2014	0.8	0.96	3.4	1.2	-	<4	<300	-	-	-	-	-
SITE 22		11/21/2014	0.57	<0.4	0.76	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		4/8/2015	0.7	0.43	1	<0.4	-	<4	<300	-	-	-	-	-
SITE 22	22-BH12-1-3	5/23/2012	<0.4	1.6	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		12/19/2012	0.72	1.1	1.9	1.6	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22		9/17/2013	0.44	0.46	0.46	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		3/26/2014	1	1.7	3	0.87	-	<4	<300	-	-	-	-	-
SITE 22		4/8/2015	0.6	0.74	1.7	0.77	-	<4	<300	-	-	-	-	-
SITE 22	22-BH12-1-4	5/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		6/25/2013	1.1	0.6	3.6	2.2	-	<4	<300	-	-	-	-	-
SITE 22		4/8/2015	1.6	1.9	4.6	2.3	-	<4	<300	-	-	-	-	-
SITE 22	22-BH12-1-5	5/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		12/19/2012	<0.4	1.6	3.6	3.3	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22		6/25/2013	0.43	0.8	0.75	0.5	-	<4	<300	-	-	-	-	-
SITE 22		9/17/2013	0.42	0.81	0.42	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		3/26/2014	0.69	2.5	1.9	1	-	<4	<300	-	-	-	-	-
SITE 22	22-BH12-1-6	5/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		6/25/2013	0.4	0.82	0.66	0.46	-	<4	<300	-	-	-	-	-
SITE 22	22-BH12-1-7	5/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		12/19/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22	22-BH12-2-2	5/24/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22		4/8/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22	22-BH12-2-3	12/18/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22		6/26/2013	<1.2	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		7/5/2017	-	-	-	-	-	-	-	<0.05	-	<0.1	<0.2	-
SITE 22		8/10/2017	-	-	-	-	-	-	-	<0.05	-	<0.1	<0.2	-
SITE 22	22-BH12-2-4	5/24/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22		6/26/2013	<0.4	0.55	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22	22-BH12-2-5	5/24/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		12/18/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22	22-BH12-2-6	5/24/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22		6/26/2013	<0.4	0.41	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22	22-BH12-2-7	5/24/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		12/18/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22	22-BH12-3-2	7/5/2017	-	-	-	-	-	-	-	<0.05	-	-	<0.2	-
SITE 22		5/24/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	0.14	-
SITE 22		12/18/2012	0.43	0.65	1.4	4.1	-	<4	<300	<200	-	0.17	-	-
SITE 22	22-BH12-3-3	6/25/2013	66	9.9	18	34	-	<4	<300	-	-	-	-	-
SITE 22		9/18/2013	81	67	140	310	-	<4	540	-	-	-	-	-
SITE 22		4/8/2015	1.7	2.1	7.8	14	-	<4	<300	-	-	-	-	-
SITE 22		4/3/2017	1.9	1.3	5.6	9	<0.4	<4	<300	-	-	-	-	-
SITE 22		8/10/2017	-	-	-	-	-	-	-	0.2	-	-	3.9	-
SITE 22		9/13/2017	-	-	-	-	-	-	-	0.76	-	-	-	-
SITE 22		10/25/2017	-	-	-	-	-	-	-	-	-	-	38	-
SITE 22		8/23/2018	-	-	-	-	-	-	-	-	-	-	-	<0.001
SITE 22	22-BH12-3-4	5/24/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		6/26/2013	2.5	1.2	3.7	4.7	-	<4	<300	-	-	-	-	-
SITE 22		9/18/2013	71	52	110	270	-	<4	680	-	-	-	-	-
SITE 22		3/27/2014	21	12	26	25	-	<4	<300	-	-	-	-	-
SITE 22		4/8/2015	2.5	2.5	11	19	-	<4	<300	-	-	-	-	-
SITE 22		4/3/2017	1.2	1	10	7.7	<0.4	<4	<300	-	-	-	-	-
SITE 22	22-BH12-3-5	5/24/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-
SITE 22		12/18/2012	2.3	1.8	12	16	-	<4	<300	<200	-	0.29	2	-
SITE 22		6/26/2013	1.9	3.9	1.4	2.5	-	<4	<300	-	-	-	-	-
SITE 22		9/18/2013	24	0.88	0.47	8.8	-	<4	<300	-	-	-	-	-
SITE 22		4/8/2015	0.42	<0.4	1.2	0.74	-	<4	<300	-	-	-	-	-
SITE 22		4/3/2017	0.49	<0.4	1.5	<0.4	<0.4	<4	<300	-	-	-	-	-
SITE 22	22-BH12-3-6	5/24/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22		6/26/2013	3.3	1.3	2.9	3.6	-	<4	<300	-	-	-	-	-
SITE 22		9/18/2013	3.5	0.71	1.6	0.92	-	<4	<300	-	-	-	-	-
SITE 22		3/27/2014	3.5	2.4	0.86	0.47	-	<4	<300	-	-	-	-	-
SITE 22	22-BH12-3-7	5/24/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22		12/19/2012	1.4	0.59	0.65	1	-	<4	<300	<200	-	<0.1	<0.1	-
SITE 22		3/27/2014	1.1	2.9	0.44	0.45	-	<4	<300	-	-	-	-	-
SITE 22	22-BH13	4/12/1996	48.1	58.9	63.1	181.6	-	-	1080	-	-	-	-	-
SITE 22		3/9/2000	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-
SITE 22		6/1/2001	<0.5	<0.5	<0.5	<1	-	<1	<100	-	-	-	-	-
SITE 22		2/1/2006	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-
SITE 22		6/13/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-
SITE 22		22-BH14-2	12/1/2014	<0.4										

TABLE B-3: GROUNDWATER DATA COMPARED TO CSR STANDARDS

	Petroleum Hydrocarbons								PAHs			VOCs				Metals		Organic Metals																			
	benzene		toluene		ethylbenzene		total xylenes		styrene		MTBE		VPHw		LEPHw		methylnaphthalene, 1-		methylnaphthalene, 2-		naphthalene		butadiene, 1,3-		dibromoethane, 1,2-		dichloroethane, 1,2-		isopropylbenzene		propylbenzene, 1-		trimethylbenzene, 1,3,5-		barium		barium (Filtered)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L					
EQL	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	2	0.001													
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	1000	0.001																

SITE #	Location	Sample Date	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	tetraethyl lead
SITE 22	22-BH20	3/9/2000	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		3/18/2004	<0.5	<1	<0.5	<1	-	<1	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		1/26/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		11/9/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		6/13/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22			<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22	22-BH22	11/2/1997	2180	21,600	5590	36,400	-	-	89,900	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22	22-BH29	11/2/1997	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		9/9/1999	<0.5	2	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		3/9/2000	<0.5	1.3	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		6/1/2001	<0.5	<0.5	<0.5	<0.5	-	-	200	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		5/6/2002	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		1/30/2006	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		3/1/2007	-	-	-	-	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		6/12/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		11/2/2011	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22	22-BH3	12/26/1995	2040	2960	2390	10,420	-	-	10,200	7640	-	-	-	-	-	-	-	-	-	-	-
SITE 22	22-BH31	11/2/1997	3.4	<0.5	<0.5	1.3	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		1/30/2006	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		6/12/2008	<0.5	<0.5	<0.5	<0.5	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22	22-BH32	3/9/2000	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		3/16/2010	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		12/7/2010	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22	22-BH33	11/2/1997	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		3/9/2000	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		6/1/2001	<0.5	<0.5	<0.5	<1	-	<1	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		5/6/2002	<0.5	<0.5	<0.5	<1	-	<1	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		1/30/2006	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		3/1/2007	<0.5	<0.5	<0.5	<0.5	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		9/17/2007	<0.5	<0.5	<0.5	<0.5	-	<4	<300	-	-	-									

TABLE B-3: GROUNDWATER DATA COMPARED TO CSR STANDARDS

	Petroleum Hydrocarbons								PAHs			VOCs					Metals		Organic Metals	
	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001		
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001

SITE #	Location	Sample Date	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead
SITE 22		2/1/2006	<0.5	<0.5	1	11	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		3/1/2007	<0.5	<0.5	1.1	8.3	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		6/13/2008	<0.5	<0.5	0.72	5.4	<0.5	<4	340	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		5/15/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		12/8/2010	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		6/26/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		3/27/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	
SITE 22	22-BH6	12/26/1995	1.9	16.1	23	463	-	-	490	460	-	-	-	-	-	-	-	-	-	-	-	
SITE 22			1.5	9.3	14.9	299	-	-	350	590	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-BH7	4/12/1996	1.2	<0.5	0.5	5.3	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		3/9/2000	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		11/19/2001	<0.5	0.8	<0.5	1	-	<1	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		5/7/2003	<0.5	<0.5	<0.5	<1	-	<1	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		1/26/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		11/9/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		2/1/2006	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		3/1/2007	<0.5	<0.5	<0.5	<0.5	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		9/17/2007	<0.5	<0.5	<0.5	<0.5	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		6/13/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		5/12/2011	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		6/26/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		11/24/2017	<0.4	0.7	<0.4	<0.4	<0.5	<4	-	-	-	-	-	-	<0.2	<0.5	<2	<20	<2	-	-	
SITE 22	22-BH8	4/12/1996	55.6	<3	48.6	678	-	-	3490	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		6/7/1999	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		3/9/2000	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		11/19/2001	<0.5	0.8	<0.5	1	-	<1	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		3/18/2004	<0.5	<0.5	<0.5	<1	-	<1	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		1/26/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		11/9/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		2/1/2006	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		6/13/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		5/12/2011	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		11/23/2017	<0.4	0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	<0.1	-	-	-	-	-	-	-	-	
SITE 22	22-BH9	4/12/1996	4	<1	<1	3.3	-	-	1000	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		3/9/2000	<0.5	<																		

TABLE B-3: GROUNDWATER DATA COMPARED TO CSR STANDARDS

	Petroleum Hydrocarbons								PAHs			VOCs				Metals		Organic Metals		
	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001		
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001

SITE #	Location	Sample Date	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead
SITE 22		5/18/2017	<0.4	0.62	2	2.4	<0.5	<4	-	-	<0.05	-	-	<0.2	<0.5	-	-	-	-	-	-	
SITE 22		7/5/2017	0.58	4.8	22	120	<0.5	<4	-	-	0.16	-	-	<0.2	<0.5	-	-	7.9	-	-	-	
SITE 22		8/10/2017	<0.4	<0.4	<0.4	5	<0.5	<4	-	-	-	-	-	<0.2	<0.5	-	-	<2	-	-	-	
SITE 22		10/25/2017	0.96	1.8	5.6	8.3	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22	22-MW05-48	11/9/2005	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		1/30/2006	6	290	520	1500	-	<40	2800	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		4/17/2006	6	29	450	880	-	<20	2000	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		3/1/2007	3.8	47.6	448	869	-	<4	2500	480	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		9/17/2007	5	120	578	1110	-	<4	4800	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		5/15/2009	<1.3	110	410	850	<0.5	<4	3500	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		<1.4	110	420	870	<0.5	<4	2800	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		11/26/2009	<0.95	110	460	980	<0.5	<4	3300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		3/17/2010	<1.1	74	300	700	<0.5	<4	2500	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		12/8/2010	<1.3	83	480	840	<0.4	<4	2400	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		<1.4	85	480	850	<0.4	<4	1600	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		5/12/2011	<1	85	460	980	-	<4	2700	240	-	2.5	22	-	-	-	-	-	-	-	-	
SITE 22	22-MW06-50B	3/1/2007	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		5/15/2009	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		5/12/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		5/10/2016	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	
SITE 22		4/3/2017	-	-	-	-	-	-	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	
SITE 22		4/21/2017	<0.4	<0.4	<0.4	<0.4	<0.5	<4	-	-	-	-	-	-	-	-	-	<2	-	-	-	
SITE 22		5/18/2017	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	
SITE 22		7/5/2017	<0.4	<0.4	<0.4	<0.5	<4	-	-	<0.05	-	-	-	-	-	-	<0.2	<0.5	-	<2	-	
SITE 22	22-MW07-51	11/26/2007	<0.5	<0.5	<0.5	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		6/12/2008	<0.5	<0.5	<0.5	0.73	<0.5	<4	300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		5/12/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		2/15/2012	<0.4	<0.4	<0.4	<0.4	-	<4	300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		6/25/2013	<0.4	<0.4	<0.4	<0.4	-	<4	300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		5/10/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	<0.2	<0.5	-	<2	
SITE 22		4/3/2017	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	<0.2	<0.5	-	<2	
SITE 22		11/26/2007	37.5	143	492	455	-	<4	3700	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		6/12/2008	46	48	450	250	<0.5	<4	3300	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		11/25/2009	23	17	220	100	<0.5	<4</td														

TABLE B-3: GROUNDWATER DATA COMPARED TO CSR STANDARDS

	Petroleum Hydrocarbons								PAHs			VOCs				Metals		Organic Metals		
	benzene µg/L	toluene µg/L	ethylbenzene µg/L	total xylenes µg/L	styrene µg/L	MTBE µg/L	VPHw µg/L	LEPHw µg/L	methylnaphthalene, 1- µg/L	methylnaphthalene, 2- µg/L	naphthalene µg/L	butadiene, 1,3- µg/L	dibromoethane, 1,2- µg/L	dichloroethane, 1,2- µg/L	isopropylbenzene µg/L	propylbenzene, 1- µg/L	trimethylbenzene, 1,3,5- µg/L	barium µg/L	tetraethyl lead µg/L	
	EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001

SITE #	Location	Sample Date	benzene µg/L	toluene µg/L	ethylbenzene µg/L	total xylenes µg/L	styrene µg/L	MTBE µg/L	VPHw µg/L	LEPHw µg/L	methylnaphthalene, 1- µg/L	methylnaphthalene, 2- µg/L	naphthalene µg/L	butadiene, 1,3- µg/L	dibromoethane, 1,2- µg/L	dichloroethane, 1,2- µg/L	isopropylbenzene µg/L	propylbenzene, 1- µg/L	trimethylbenzene, 1,3,5- µg/L	barium µg/L	tetraethyl lead µg/L
SITE 3	3-MW 17-26S	6/7/2017	-	-	-	-	-	-	-	-	-	-	-	2.8	-	-	-	-	-		
SITE 3		6/20/2017	-	-	-	-	-	-	-	-	-	-	-	2.6	-	-	-	-	-		
SITE 3		11/23/2017	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-		
SITE 3		4/27/2017	<0.5	0.54	<0.5	<0.75	<0.5	<0.5	<100	-	-	<1	<1	<0.3	<1	<1	<1	<1	-	-	
SITE 3	3-MW 17-27S	4/28/2017	-	-	-	-	-	-	<250	-	-	<0.05	-	-	-	-	-	57	-	-	
SITE 3		11/23/2017	-	<0.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 3	3-MW16-15D	4/27/2017	<0.5	0.71	2.44	1.96	<0.5	<0.5	1040	-	-	<1	<1	<0.6	<1	6	4	3.2	27	-	
SITE 3		4/28/2017	-	-	-	-	-	-	710	-	-	<2	-	-	-	-	-	-	-	-	
SITE 3		11/21/2016	0.75	<0.5	1.11	5.43	<0.5	<0.5	<100	-	-	-	-	-	51.2	-	-	-	-	-	
SITE 3		11/23/2016	-	-	-	-	-	-	-	-	1.64	-	-	-	-	-	-	-	-	-	
SITE 3		6/7/2017	-	-	-	-	-	-	-	-	-	-	-	42.5	-	-	-	-	-	-	
SITE 3		2/22/2019	-	-	-	-	-	-	-	-	0.2	-	-	17	-	-	-	-	-	-	
SITE 3	3-MW16-15S	3/9/2017	<0.5	<0.45	<0.5	<0.75	<0.5	<0.5	<100	-	-	<0.05	<0.05	<1	<0.3	<1	-	<1	-	-	
SITE 3		3-MW16-16	6/7/2017	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	
SITE 3	3-MW17-17S	4/27/2017	<0.5	<0.45	<0.5	<0.75	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 3		11/6/2017	-	-	-	-	-	-	-	-	0.494	-	-	-	-	-	-	-	-	-	
SITE 3	3-MW17-18D	6/7/2017	-	-	-	-	-	-	-	-	-	-	-	11.5	-	-	-	-	-	-	
SITE 3		6/23/2017	-	-	-	-	-	-	-	-	-	-	-	9.9	-	-	-	-	-	-	
SITE 3		2/22/2019	-	-	-	-	-	-	-	-	-	-	-	10.3	-	-	-	-	-	-	
SITE 3		3-MW17-18S	6/7/2017	0.69	-	-	<0.75	-	-	-	-	-	-	-	-	<1	-	-	-	-	-
SITE 3	3-MW17-19D	2/22/2019	<0.4	<0.4	<0.4	<0.4	<0.5	-	-	-	<0.1	-	<0.2	-	<2	-	-	-	-	-	
SITE 3		6/7/2017	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	
SITE 3	3-MW17-28D	2/22/2019	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	
SITE 3		10/18/2017	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	
SITE 3	3-MW17-28S	2/21/2019	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	
SITE 3		6/30/2017	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	
SITE 3	3-MW17-29D	11/23/2017	-	-	-	-	-	-	-	-	-	-	-	-	42.3	-	-	-	-	-	
SITE 3		11/4/2017	-	-	-	-	-	-	-	-	-	-	-	24.3	-	-	-	-	-	-	
SITE 3		11/15/2017	-	-	-	-	-	-	-	-	-	-	-	<20	-	-	-	-	-	-	
SITE 3		11/21/2017	-	-	-	-	-	-	-	-	-	-	-	<40	-	-	-	-	-	-	
SITE 3		11/28/2017	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	
SITE 3		2/21/2019	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-	-	-	
SITE 3	3-MW17-32D	12/20/2017	-	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-	-	
SITE 3		2/22/2019	-	-	-	-	-	-	-	-	-	-	-	0.78	-	-	-	-	-	-	
SITE 3	3-MW17-32DD	12/20/2017	-	-	-	-	-	-	-	-	-	-	-	2.6	-	-	-	-	-	-	
SITE 3		3-MW17-33	11/4/2017	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	
SITE 3	3-M																				

**TABLE B-3: GROUNDWATER
DATA COMPARED TO CSR
STANDARDS**

Petroleum Hydrocarbons												PAHs			VOCs				Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzenes, 1,3,5-	barium	barium (Filtered)	tetraethyl lead			
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2		0.001			
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001		

**TABLE B-3: GROUNDWATER
DATA COMPARED TO CSR
STANDARDS**

Petroleum Hydrocarbons												PAHs			VOCs			Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzenes, 1,3,5-	barium	barium (Filtered)	tetraethyl lead		
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001			
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000		

**TABLE B-3: GROUNDWATER
DATA COMPARED TO CSR
STANDARDS**

Petroleum Hydrocarbons												PAHs			VOCs			Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzenes, 1,3,5-	barium	barium (Filtered)	tetraethyl lead		
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001			
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	0.001		

**TABLE B-3: GROUNDWATER
DATA COMPARED TO CSR
STANDARDS**

Petroleum Hydrocarbons												PAHs			VOCs			Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzenes, 1,3,5-	barium	barium (Filtered)	tetraethyl lead		
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001			
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000		

SITE #	Location	Sample Date	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		10/29/2003	-	-	-	-	-	-	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6			-	-	-	-	-	-	350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		4/15/2004	5.6	0.3	8	18	<0.1	-	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6			5.7	0.3	8	18	<0.1	-	110	-	-	-	-	150	-	-	-	-	-	-	-	-	-	-
SITE 6		4/16/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		10/7/2004	6.9	0.3	21	63	<0.1	-	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6			7	0.4	22	66	<0.1	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		10/8/2004	-	-	-	-	-	-	-	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		8/17/2005	3.2	<0.1	36	120	<0.1	-	300	160	-	-	3.1	-	-	-	-	-	-	100	-	-	-	-
SITE 6			6.6	<0.1	40	120	<0.1	-	300	170	-	-	3.8	-	-	-	-	-	-	95	-	-	-	-
SITE 6		11/1/2005	13	<0.1	80	260	<0.1	-	440	-	-	-	-	-	-	-	-	-	-	89	-	-	-	-
SITE 6		11/2/2005	-	-	-	-	-	-	-	220	-	-	11	-	-	-	-	-	-	-	-	-	-	-
SITE 6		3/26/2006	9.8	1.2	67	250	<0.1	-	870	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		3/27/2006	-	-	-	-	-	-	-	500	-	-	12	-	-	-	-	-	-	-	-	-	-	-
SITE 6		12/5/2006	6.7	0.4	27	86	<0.1	-	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		12/6/2006	-	-	-	-	-	-	-	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		4/23/2007	20	<0.2	150	160	<0.2	-	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		4/24/2007	-	-	-	-	-	-	-	910	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		6/13/2007	17	<1	130	300	<1	-	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6			18	<1	140	320	<1	-	1600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		6/14/2007	-	-	-	-	-	-	-	800	-	-	32	-	-	-	-	-	-	-	-	-	-	-
SITE 6		3/4/2008	3.7	<0.1	37	120	<0.1	-	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		3/5/2008	-	-	-	-	-	-	-	470	-	-	9.1	-	-	-	-	-	-	-	-	-	-	-
SITE 6		7/8/2008	13.7	<0.5	105	298	<0.5	-	980	-	-	-	-	-	-	-	-	-	-	99	-	-	-	-
SITE 6			14	<0.5	108	296	<0.5	-	1000	-	-	-	-	-	-	-	-	-	-	99	-	-	-	-
SITE 6		7/9/2008	-	-	-	-	-	-	-	990	-	5.3	21	-	-	-	-	-	-	-	-	-	-	-
SITE 6		8/6/2009	4.1	<0.5	31.4	35.7	<0.5	<4	550	-	-	-	-	-	-	-	-	-	-	63	-	-	-	-
SITE 6		8/7/2009	-	-	-	-	-	-	-	320	-	0.07	<0.7	-	-	-	-	-	-	-	-	-	-	-
SITE 6		10/6/2009	8.8	<0.5	119	340	<0.5	<4	850	-	-	-	-	-	-	-	-	-	-	68	-	-	-	-
SITE 6			9.4	0.9	133	327	0.7	<4	1000	-	-	-	-	-	-	-	-	-	-	68	-	-	-	-
SITE 6		10/7/2009	-	-	-	-	-	-	-	310	-	1.4	6.6	-	-	-	-	-	-	-	-	-	-	-
SITE 6		-	-	-	-	-	-	-	-	430	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		8/7/2014	4	0.66	46	84	<0.4	<4	<300	260	-	0.25	12	-	-	-	-	-	-	-	-	-	-	-
SITE 6		6/14/2016	0.48	<0.4	2.2	4.7	<0.5	<4	<300	500	-	2	2.1	<5	<0.5	-	-	-	-	-	-	-	-	-
SITE 6		11/28/2016	1.1	<0.4	1.9	3.5	<0.4	<4	<300	620	-	5.6	8.4	-	-	-	-	-	-	-	-	-	-	-
SITE 6			0.9	<0.4	1.8	3.1	<0.4	<4	<300	1700	-	6.7	8.3	-	-	-	-	-	-	-	-	-	-	-
SITE 6	6-99-7	9/28/1999	<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		5/15/2001	<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	-	-	-	-	-	-	-	-	-	64	-	-	-	-
SITE 6		10/24/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-	-	-	-
SITE 6			<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		5/28/2002	<0.5	<0.5	<0.5	<0.5	<0.4	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6			5/29/2002	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	55	-	-	-	-
SITE 6		11/19/2002	<0.5	<0.5	<0.5	<0.5	<0.4	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-	-	-
SITE 6		3/31/2003	<0.1	<0.1	<0.1	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	63	-	-	-	-
SITE 6		4/1/2003	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		10/28/2003	<0.1	0.5	<0.1	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		10/29/2003	-	-	-	-	-	-	-	<250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6			3/26/2006	<0.1	<0.1	<0.1	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		3/27/2006	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		7/18/2012	<0.4	<0.4	<0.4	<0.4	<0.5	<4	<300	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
SITE 6		7/19/2012	-	-	-	-	-	-	-	<200	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-
SITE 6		6/12/2016	<0.4	<0.4	<0.4	<0.4	<0.5	<4	<300	<200	<0.05	<0.1	<0.1	<5	<0.5	-	-	-	-	-	-	-	-	-
SITE 6	6-99-8	5/15/2001	1.7	1.2	1.5	6.7	-	-	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		10/24/2001	1.8	2.6	1.3	5.9	-	-	<100	<100	-	-	-	-	-	-	-	-	-	64	-	-	-	-
SITE 6			5.4	9.4	24	120	-	-	200	<100	-	-	-	-	-	-	-	-	-	60	-	-	-	-
SITE 6		5/28/2002	14	13	100	520	<4	-	400	-	-	-	-	-	-	-	-	-	-	56	-	-	-	-
SITE 6			2.7	3.1	30	180	<0.4	-	200	-	-	-	-	-	-	-	-	-	-	56	-	-	-	-
SITE 6		5/29/2002	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-	-	-	57	-	-	-	-
SITE 6		11/19/2002	2.3	1.3	8.4	94	<0.4</																	

TABLE B-3: GROUNDWATER DATA COMPARED TO CSR STANDARDS

	Petroleum Hydrocarbons								PAHs			VOCs					Metals		Organo Metals																		
	benzene		toluene		ethylbenzene		total xylenes		styrene		MTBE		VPHw		LEPHw		methylnaphthalene, 1-		methylnaphthalene, 2-		naphthalene		naphthalene, 1,3-		dibromoethane, 1,2-		dichloroethane, 1,2-		isopropylbenzene		propylbenzene, 1-		trimethylbenzene, 1,3,5-		barium	barium (Filtered)	tetraethyl lead
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L					
EQL	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001														
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	1000	0.001																

SITE #	Location	Sample Date	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		12/7/2006	-	-	-	-	-	-	-	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 6		4/23/2007	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 6		4/24/2007	-	-	-	-	-	-	-	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		6/13/2007	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<100	490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		3/4/2008	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		3/5/2008	-	-	-	-	-	-	-	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		7/8/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	272	
SITE 6		7/9/2008	-	-	-	-	-	-	-	<80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 6		8/6/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	256	
SITE 6		8/7/2009	-	-	-	-	-	-	-	<80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 6		10/6/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	262		
SITE 6		10/7/2009	-	-	-	-	-	-	-	<80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 6	6-BH42	11/13/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 6		6/14/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	<0.05	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	147		
SITE 6	6-MW16-01D	6/15/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	<0.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	179		
SITE 6	6-MW16-01S	4/20/2017	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6	6-MW16-02D	6/15/2016	0.51	0.42	200	720	0.98	<4	1300	2600	-	89	170	-	<0.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 6		6/15/2016	0.54	0.46	220	760	0.92	<4	1700	2600	-	87	160	-	<0.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		4/20/2017	1.2	<0.4	180	220	<0.4	<4	1100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		4/21/2017	-	-	-	-	-	-	-	1800	-	32	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		8/18/2017	<0.4	0.77	240	270	<0.4	<4	860	2500	-	44	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6	6-MW16-02D	6/15/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	<0.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	70.1			
SITE 6		4/20/2017	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6	6-MW16-02S	6/15/																													

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons										PAHs			VOCs			Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (filtered)	tetraethyl lead	
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2		0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000

SITE #	Location	Sample Date																		
SITE 1	1-MW10 (D)	2/18/2014	0.69	0.57	<0.5	1.19	<0.5	<100	<0.25	-	-	0.16	-	-	-	-	25	-	-	
		7/19/2014	1.63	3.3	1.61	9.19	-	<0.5	<100	<250	-	-	0.551	-	-	-	-	28	-	-
SITE 1	1-MW11	2/18/2014	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	<0.25	-	-	0.06	-	-	-	-	177	-	-
		7/19/2014	0.58	2.09	0.54	3.63	-	<0.5	<100	<250	-	-	0.387	-	-	-	-	219	-	-
SITE 1	1-MW15-4 (K)	5/4/2016	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	<1	-	-	-	-	-	-
		7/19/2014	9640	37,600	3230	21,600	-	<25	<14,000	8140	-	-	364	-	-	-	-	468	-	-
SITE 1	1-MW16	7/4/2017	989	28,900	2420	16,200	0.63	<0.5	<10,000	-	-	-	-	-	-	-	-	-	-	-
		10/12/2017	1220	21,700	2510	16,700	<25	<25	8600	-	-	374	<20	<5	<50	60	402	-	-	-
SITE 1	1-MW16-03 (D)	4/8/2016	1.04	1.21	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-
		4/8/2016	<0.5	0.67	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW16-03 (S)	2/8/2018	<0.5	<0.45	<0.5	<0.75	<0.5	<0.5	-	-	-	-	-	-	<1	-	-	-	-	-
		4/8/2016	<0.5	0.76	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW16-26 (K)	6/29/2017	8840	1720	1170	3720	<0.5	6.48	<5000	-	-	-	-	-	-	<9	-	-	-	-
		10/12/2017	14,000	5040	385	7940	<0.5	2.32	<5000	-	-	107	<7	<0.2	<9	12.7	14.2	336	-	-
SITE 1	1-MW17	2/18/2014	839	8.4	8.4	5.2	<2.5	118	1040	390	-	0.67	-	-	-	-	-	256	-	-
		7/19/2014	1330	79.1	40.7	52.2	-	91.5	840	400	-	1.91	-	-	-	-	-	321	-	-
SITE 1	1-MW18	10/12/2017	88.4	34	4.62	29.5	<0.5	28.9	2070	-	-	1.8	<7	<0.1	83.9	16.9	-	1.2	-	-
		2/18/2014	34,600	17,000	2680	15,300	<100	<100	<20,000	-	-	325	-	-	-	-	-	268	-	-
SITE 1	1-MW19	7/19/2014	37,400	18,300	2600	14,700	-	<50	<13,000	2620	-	260	-	-	-	-	-	249	-	-
		10/12/2017	23,300	18,700	2040	12,600	6.44	<4	26,000	-	-	275	<20	<0.5	<40	41.6	-	276	-	-
SITE 1	1-MW20	2/18/2014	1480	160	2000	3950	<10	<100	9800	-	-	332	-	-	-	-	-	131	-	-
		3/8/2015	822	120	2040	2510	<5	<5	15,000	4360	-	292	-	-	<10	-	-	275	-	-
SITE 1	1-MW20	3/11/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89	-	-	
		2/18/2014	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	290	-	<0.2	-	-	-	-	-	82	-	-
SITE 1	1-MW3	7/19/2014	4.57	5.36	1.81	9.9	-	<0.5	<100	260	-	0.272	-	-	-	-	-	96	-	-
		2/18/2014	2230	70.5	544	1060	<5	<5	4000	-	-	123	-	-	-	-	-	129	-	-
SITE 1	1-MW34	7/19/2014	525	48.3	595	1210	-	<1	2930	1960	-	124	-	-	-	-	-	401	-	-
		3/8/2015	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	<250	-	<0.05	-	<1	-	-	-	167	-	-
SITE 1	1-MW35	10/12/2017	13.7	18.8	0.96	5.79	<0.5	<0.5	<100	-	-	<1	<0.2	<0.1	<1	<1	<1	-	-	-
		3/8/2015	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	<250	-	<0.05	-	<1	-	-	-	335	-	-
SITE 1	1-MW4	2/8/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	-	-
		2/18/2014	8200	24,300	2960	21,500	<25	<25	25,000	-	-	412	-	-	-	-	-	106	-	-
SITE 1	1-MW4	7/19/2014	10,000	22,600	2680	19,400	-	<1	<1000	3920	-	336	-	-	-	-	-	113	-	-
		5/4/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW43	6/29/2017	4380	19,100	3080	20,300	1.74	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
		10/12/2017	2700	7050	646	13,600	<25	<25	<5000	-	-	241	<10	<5	<50	<50	408	-	-	
SITE 1	1-MW4	2/8/2018	3230	9220	800	16,000	<25	<25	9900	-	-	313	<10	<5	<50	55	590	-	-	
		2/8/2018	4200	17,100	2240	19,300	2.03	<0.5	20,000	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW43	2/18/2014	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	<0.25	-	<0.05	-	<1	-	-	-	253	-	-
		7/19/2014	<0.5	<0.5	<0.5	<0.75	-	<0.5	<100	<250	-	0.163	-	-	-	-	-	1010	-	-
SITE 1	1-MW5	3/11/2015	<0.5	<0.5	<0.5	0.94	<0.5	<0.5	<100	<250	-	0.508	-	<1	-	-	-	347	22	-
		5/3/2016	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-
SITE 1	1-MW6	2/18/2014	1.18	1.07	1.43	4.26	<0.5	<0.5	<100	<250	-	0.59	-	-	-	-	-	301	-	-
		7/19/2014	<0.5	9.08	4.1	32.3	-	<0.5	<100	<250	-	5.37	-	-	-	-	-	266	-	-
SITE 1	1-MW7	2/18/2014	537	7.4	4.1	144	<2.5	<2.5	<500	310	-	8.56	-	-	-	-	-	100	-	-
		7/19/2014	648	14.2	73.1	226	-	<1	<200	420	-	12.6	-	-	-	-	-	121	-	-
SITE 1	1-MW8	3/17/2016	170	2.54	7.64	17.3	<0.5	<0.5	130	-	-	-	-	-	-	-	-	-	-	-
		10/12/2017	1120	63.2	114	59.9	<0.5	<0.5	520	-	-	<20	<0.5	<0.1	<1	12.3	-	4.3	-	-
SITE 1	1-MW7	2/8/2018	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	410	-	0.12	-	-	-	-	-	606	-	-
		7/19/2014	3.41	15.9	2.84	19.7	-	<0.5	<100	290	-	0.62	-	-	-	-	-	766	-	-
SITE 1	1-MW8	2/18/2014	2230	12.3	<5	9.2	<5	9.6	<1000	<0.25	-	0.5	-	-	-	-	-	90	-	-
		7/19/2014	2630	7.7	<5	<7.1	-	12.2	<100	<250	-	0.812	-	-	-	-	-	98	-	-
SITE 1	1-MW9	2/18/2014	3330	61.2	67.7	181	<5	<5	<1000	<0.25	-	2.58	-	-	-	-	-	186	-	-
		7/19/2014	11,500	3950	506	2530	-	<25	<500	420	-	38	-	-	-	-	-	207	-	-
SITE 1	1-MW9 (D)	10/12/2017	752	81.9	23.8	90.3	<0.5	7.16	<160	-	-	3.3	<0.5	<0.1	6.2	<1	<1			

TABLE B-4: GROUNDWATER DATA COMPARED TO CSR STANDARDS X 10

	Petroleum Hydrocarbons										PAHs				VOCs						Metals			Organic Metals																
	benzene		toluene		ethylbenzene		total xylenes		styrene		MTBE		VPHW		LEPHW		methyl naphthalene, 1-		methyl naphthalene, 2-		naphthalene		butadiene, 1,3-		dibromoethane, 1,2-		dichloroethane, 1,2-		isopropylbenzene		propylbenzene, 1-		trimethylbenzene, 1,3,5-		barium		barium (Filtered)		tetrathyphyl lead	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L							
EQL	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	-	-	-	-	-	-	-	-	0.001									
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	1000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000					
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000				

SITE #	Location	Sample Date	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LEPHW	methyl naphthalene, 1-	methyl naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetrathyphyl lead	
SITE 1	1-MW-O	3/17/2016	15,200	27,700	1870	12,100	<50	<50	<11,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 1		15,400	26,700	1820	11,600	<50	<50	<10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 1		6/29/2017	1680	5480	1540	8620	<0.5	<0.5	8500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 1		10/12/2017	768	3950	742	4540	<10	<10	6800	-	-	-	116	<4	<2	<20	41	-	201	-	-	-	-
SITE 1	1-MW-R (D)	9/25/2015	286	32.4	16.3	35	<0.5	<0.5	<200	<250	-	-	1.65	-	2.2	-	-	-	-	-	-	-	-
SITE 1		10/12/2017	16.4	23.5	1.3	7.5	<0.5	<0.5	<100	-	-	-	<1	<0.2	<0.1	<2	<1	-	<1	-	-	-	-
SITE 1	1-MW-R (S)	9/25/2015	5780	227	336	389	<25	<25	<5000	<250	-	-	16.4	-	<50	-	-	-	-	-	-	-	-
SITE 1		10/12/2017	9650	134	357	597	<0.5	<0.7	<5000	-	-	-	23.4	<30	<0.1	<4	8.7	-	82.7	-	-	-	-
SITE 1	1-MW-S (D)	10/17/2015	-	-	-	-	-	-	<250	-	-	-	3.89	-	-	-	-	-	-	-	-	-	-
SITE 1		5/2/2016	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 1		2/8/2018	<0.5	<0.45	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	<1	-	-	-	-	-	-	<1	-	-	-
SITE 1	1-MW-S (S)	3/8/2016	5.22	<0.5	2.74	2.63	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 1		5/2/2016	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 1		2/8/2018	<0.5	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	<1	-	-	-
SITE 1	1-MW-T (D)	9/25/2015	2.14	12	4.04	34.6	<0.5	<0.5	<100	280	-	-	11.9	-	-	<1	-	-	-	-	-	-	-
SITE 1		5/2/2016	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-MW-T (S)	3/8/2016	<0.5	<0.5	<0.5	<0.75	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-MW-U (D)	9/25/2015	4910	591	100	337	<25	<25	<5000	<250	-	-	1.98	-	-	<50	-	-	-	-	-	-	-
SITE 1		7/23/2017	6560	585	314	982	<0.5	<1	<2000	-	-	-	-	-	-	<30	-	-	-	-	-	-	-
SITE 1	1-MW-V (D)	9/25/2015	<0.5	1.02	<0.5	<0.75	<0.5	4.56	<100	<250	-	-	0.552	-	-	17.1	-	-	-	-	-	-	-
SITE 1		5/3/2016	13.7	<0.5	1.66	1.66	<0.5	<7	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1		5/31/2016	11.3	1.21	<0.5	3.37	<0.5	<6	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 1	1-MW-W (D)	9/25/2015	2.44	3.83	1.05	7.43	<0.5	<0.5	<100	<250	-	-	0.526	-	-	<1	-	-	-	-	-	-	-
SITE 1		5/2/2016	<0.5																				

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

SITE #	Location	Petroleum Hydrocarbons										PAHs			VOCs						Metals		Organic Metals	
		benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHw	LEPHw	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead				
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
EQL		0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	-	-	-	-	-	-	-	-	-	0.001		
BC CSR Minimums		5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001			
BC CSR Minimums x 10		50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000	0.01			
18-BH07-9		1.2	35.7	10.8	87.1	-	<4	<300	110	-	-	9.2	-	-	-	-	-	-	-	-	-	-		
SITE 18	5/16/2011	<0.4	<0.4	0.7	0.8	-	<4	<300	<120	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 18	9/27/2011	<0.4	<0.4	<0.4	1.2	-	<4	<300	<200	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 18	3/21/2012	<0.4	<0.4	2.4	3	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 18	8/23/2012	<0.4	<0.4	1.9	1.5	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 18	6/12/2013	<0.4	<0.4	1.3	0.5	-	<4	<300	<200	-	<0.1	0.47	-	-	-	-	-	-	-	-	-	-		
SITE 18	11/21/2013	<0.4	<0.4	0.91	<0.4	-	<4	<300	<200	-	<0.1	0.12	-	-	-	-	-	-	-	-	-	-		
SITE 18	5/30/2008	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	<0.01	-	-	-	-	-	-	-	-	-	-		
SITE 18	6/23/2009	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 18	5/30/2008	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 18	6/23/2009	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 18	7/18/2008	<0.5	<1	<0.5	<1	-	<4	<300	<80	-	-	0.01	-	-	-	-	-	-	-	-	-	-		
SITE 18	6/23/2009	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 18	10/30/2009	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 18	5/28/2010	<0.4	<0.4	<0.4	<0.7	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 18	10/28/2010	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 18	5/31/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-		
SITE 18	8/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-		
SITE 18	11/29/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-		
SITE 18	3/13/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-		
SITE 18	6/12/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-		
SITE 18	9/12/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-		
SITE 18	11/21/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-		
SITE 18	7/10/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-		
SITE 18	6/17/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	0.64	-	-	-	-	-	-	-	-	-	-		
SITE 18	11/18/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-		
SITE 18	5/26/2016	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-		
SITE 18	9/15/2016	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-		
SITE 18	6/14/2017	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-		
SITE 18	7/18/2008	809	624	480	1990	-	<8	800	840	-	-	83	-	-	-	-	-	-	-	-	-	-		
SITE 18	8/7/2008	1490	1160	1070	4680	-	<40	4300	1610	-	-	120	-	-	-	-	-	-	-	-	-	-		
SITE 18	9/17/2008	1260	1720	1070	5810	-	<7	4800	2500	-	-	110	-	-	-	-	-	-	-	-	-	-		
SITE 18	6/23/2009	1100	368	1010	2300	-	<5	1100	1150	-	-	91	-	-	-	-	-	-	-	-	-	-		
SITE 18	10/30/2009	1590	954	1550	4810	-	<6	860	1380	-	-	2.8	-	-	-	-	-	-	-	-	-	-		
SITE 18	5/28/2010	854	334	846	2630	-	<5	930	1480	-	-	170	-	-	-	-	-	-	-	-	-	-		
SITE 18	10/28/2010	396	499	99.6	550	-	<4	<300	<80	-	-	0.07	-	-	-	-	-	-	-	-	-	-		
SITE 18	8/23/2011	382	482	86.9	522	-	<4	<300	160	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 18	5/16/2011	138	10	105	80.6	-	<4	<300	200	-	-	14	-	-	-	-	-	-	-	-	-	-		
SITE 18	9/27/2011	110	3.8	110	220	-	<4	<300	1400	-	-	150	-	-	-	-	-	-	-	-	-	-		
SITE 18	3/20/2012	78	4	400	1200	-	<4	<300	2500	-	-	51	240	-	-	-	-	-	-	-	-	-		
SITE 18	5/31/2012	41	1.4	58	160	-	<4	<300	1900	-	-	21	0.26	-	-	-	-	-	-	-	-	-		
SITE 18	8/23/2012	120	1.7	180	320	-	<4	<300	910	-	-	7.9	44	-	-	-	-	-	-	-	-	-		
SITE 18	11/29/2012	180	0.67	290	83	-	<4	<300	790	-	-	4.5	36	-	-	-	-	-	-	-	-	-		
SITE 18	3/13/2013	140	0.86	360	110	-	<4	<300	1500	-	-	7.7	74	-	-	-	-	-	-	-	-	-		
SITE 18	6/12/2013	18	1.5	200	420	-	<4	<300	3700	-	-	39	140	-	-	-	-	-	-	-	-	-		
SITE 18	9/12/2013	9.9	0.68	50	140	-	<4	<300	680	-	-	7.6	59	-	-	-	-	-	-	-	-	-		
SITE 18	11/21/2013	9	0.87	55	77	-	<4	<300	2600															

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons										PAHs			VOCs			Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (filtered)	tetraethyl lead	
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2		0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons										PAHs			VOCs			Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (filtered)	tetraethyl lead	
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2		0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons										PAHs			VOCs			Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (filtered)	tetraethyl lead	
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2		0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons												PAHs			VOCs			Metals		Organic Metals	
benzene µg/L	toluene µg/L	ethylbenzene µg/L	total xylenes µg/L	styrene µg/L	MTBE µg/L	VPHw µg/L	LPHw µg/L	methylnaphthalene, 1- µg/L	methylnaphthalene, 2- µg/L	naphthalene µg/L	butadiene, 1,3- µg/L	dibromoethane, 1,2- µg/L	isopropylbenzene µg/L	propylbenzene, 1- µg/L	trimethylbenzene, 1,3,5- µg/L	barium µg/L	barium (Filtered) µg/L	tetraethyl lead µg/L			
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2	0.001				
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	0.001		
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	0.01		

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons										PAHs			VOCs			Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (filtered)	tetraethyl lead	
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2		0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000

SITE #	Location	Sample Date																			
SITE 18	18-RW00-5	3/13/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
		6/12/2013	39	17	160	310	-	<4	1300	3000	-	48	190	-	-	-	-	-	-	-	-
		9/12/2013	140	180	340	890	-	<4	2300	3800	-	73	410	-	-	-	-	-	-	-	-
		11/21/2013	11	9.7	54	160	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-
		11/21/2013	13	11	51	180	-	<4	<300	460	-	3.5	24	-	-	-	-	-	-	-	-
		7/10/2014	86	59	210	450	-	<4	1100	-	-	-	-	-	-	-	-	-	-	-	-
		7/10/2014	55	11	210	440	-	<4	1300	3000	-	36	230	-	-	-	-	-	-	-	-
		10/23/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-
		10/23/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
		6/17/2015	55	10	220	430	-	<4	1100	1500	-	17	150	-	-	-	-	-	-	-	-
		11/18/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
		5/25/2016	15	1.2	2.4	32	<0.4	<4	<300	370	-	5.7	44	-	-	-	-	-	-	-	-
		9/15/2016	3.6	<0.4	4.4	6.9	<0.4	<4	<300	270	-	1.1	13	-	-	-	-	-	-	-	-
		8/22/2007	320	1500	372	7810	-	<4	<3000	13,000	-	-	-	-	-	-	-	-	-	-	-
SITE 18	18-RW00-6	9/4/2007	524	1310	508	9730	-	<40	<3000	11,400	-	-	-	-	-	-	-	-	-	-	-
		5/2/2008	7.1	87.1	176	3400	-	<4	5800	7190	-	-	-	-	-	-	-	-	-	-	-
		6/23/2009	12.4	3.9	171	1320	-	<4	5100	9140	-	-	-	-	-	-	-	-	-	-	-
		10/30/2009	0.6	0.8	4.1	33.8	-	<4	400	120	-	-	-	-	-	-	-	-	-	-	-
		5/28/2010	2.6	1.1	86.4	370	-	<4	3600	5170	-	-	-	-	-	-	-	-	-	-	-
		2.6	1.1	84	356	-	<4	3400	5000	-	-	-	-	-	-	-	-	-	-	-	-
		10/28/2010	25.9	77.7	24.6	503	-	<4	<300	570	-	<0.02	-	-	-	-	-	-	-	-	-
		5/16/2011	13.1	8.2	147	1030	-	<4	2000	3400	-	-	-	-	-	-	-	-	-	-	-
		13.3	8.6	154	1070	-	<4	2100	3400	-	-	-	-	-	-	-	-	-	-	-	-
		9/27/2011	13	38	180	710	-	<4	1800	4100	-	-	-	-	-	-	-	-	-	-	-
		13	36	190	710	-	<4	1900	4100	-	-	-	-	-	-	-	-	-	-	-	-
		5/31/2012	9.5	2.6	260	530	-	<4	2500	-	-	-	-	-	-	-	-	-	-	-	-
		8/23/2012	170	200	70	560	<0.4	-	-	870	-	3.2	30	-	-	-	-	-	-	-	-
		11/29/2012	30	19	540	1100	-	<4	2500	3800	-	41	260	-	-	-	-	-	-	-	-
		3/13/2013	10	5.2	370	720	-	<4	2800	4500	-	21	190	-	-	-	-	-	-	-	-
		6/12/2013	9.1	8.3	290	390	-	<4	2000	4600	-	13	120	-	-	-	-	-	-	-	-
		9/12/2013	8.5	5.2	280	370	-	<4	2200	4300	-	14	140	-	-	-	-	-	-	-	-
		11/21/2013	6	2.7	240	260	-	<4	1400	3800	-	6.1	120	-	-	-	-	-	-	-	-
		7/10/2014	2.6	1	130	68	-	<4	1200	-	-	-	-	-	-	-	-	-	-	-	-
		7/10/2014	2.4	0.88	120	64	-	<4	720	3800	-	1.7	31	-	-	-	-	-	-	-	-
		10/23/2014	3.4	1.2	130	68	-	<4	590	3000	-	2.2	43	-	-	-	-	-	-	-	-
		6/17/2015	1.8	1.1	81	43	-	<4	760	2100	-	0.2	24	-	-	-	-	-	-	-	-
		11/18/2015	1.7	0.78	83	33	-	<4	550	1900	-	<0.1	13	-	-	-	-	-	-	-	-
		1.7	0.79	70	30	-	<4	610	1800	-	<0.1	7.6	-	-	-	-	-	-	-	-	-
		5/26/2016	<0.4	<0.4	0.53	0.9	<0.4	<4	<300	350	-	0.14	0.5	-	-	-	-	-	-	-	-
		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	330	-	0.13	0.48	-	-	-	-	-	-	-	-
		9/15/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	240	-	<0.1	1.2	-	-	-	-	-	-	-	-
		6/14/2017	<0.4	<0.4	0.77	<0.4	<0.4	<4	<300	<200	-	<0.1	0.19	-	-	-	-	-	-	-	-
		7/11/2018	<0.4	<0.4	2.1	0.55	<0.5	<4	<300	<200	-	1.5	<0.1	0.48	<0.5	<0.2	<0.5	<0.2	<2	-	-
SITE 18	18-RW00-7	9/4/2007	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-
		10/30/2009	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-
		3/21/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-
		8/23/2012	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<200	-	-	<0.1	<0.1	-	-	-	-	-	-	-	-
		11/29/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
		3/13/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
		7/10/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
		10/23/2014	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
		6/17/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
		11/18/2015	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-
SITE 18	18-RW00-8	8/28/2001	<3	30	5	1923	-	-	4100	-	-	-	-	-	-	-	-	-	-	-	-
		8/22/2007	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-
		9/4/2007	<0.5	<0.5	3.2	48.6	-	<4	<300	990	-	-	-	-	-	-	-	-	-	-	-
		11/8/2007	<0.5	<0.5	<0.5	<0.5	-	<4	<300	<80	-	-	-	-	-	-	-	-	-	-	-
		6/23/20																			

TABLE B-4: GROUNDWATER DATA COMPARED TO CSR STANDARDS X 10

SITE #	Location	Sample Date	Petroleum Hydrocarbons										PAHs				VOCs						Metals			Organic Metals	
			benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LEPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead						
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL			0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2						0.001		
BC CSR Minimums			5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000				0.001		
BC CSR Minimums x 10			50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000				0.01		
SITE 19	19-06-65	12/18/2006	2500	<5	43	21	<5	<25	1900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		2/7/2007	-	-	-	-	-	-	-	760	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		10/9/2007	6200	23	46	89	<20	-	3600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		7/4/2012	3180	15.2	11	37.9	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		8/10/2016	2600	18	10	8.1	<0.5	<4	650	-	-	-	-	-	0.28	<0.5	-	-	-	-	-	-	-	-	-		
SITE 19	19-06-7	12/18/2006	4500	11	150	68	<10	-	2400	1700	-	-	100	-	<10	<40	-	-	-	-	-	-	-	-	-		
SITE 19		1/28/2007	4800	27	350	220	<10	<50	6600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		7/5/2012	9580	66.6	742	175	<0.4	<4	<300	1500	-	-	14	180	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		10/6/2015	8600	53	500	44	<0.4	<4	<3000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		6/26/2016	7400	56	630	84	<0.4	<4	<300	1700	-	-	2	180	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		8/9/2016	7800	51	610	39	<0.5	<4	<300	-	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	-	-		
SITE 19		4/10/2013	0.43	0.5	<0.4	0.59	<0.4	-	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19	19-06-8D	10/6/2015	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		6/23/2016	9400	7300	1100	5600	<0.4	<4	19,000	11,000	-	-	57	130	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 19	19-06-8S	12/18/2006	16,000	17,000	1000	6700	<40	<200	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		2/8/2007	14,000	23,000	1400	9700	<40	<200	30,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		7/5/2012	13,000	18,000	1600	9000	<0.5	<4	10,000	-	-	-	-	-	<10	-	-	-	-	-	-	-	-	-	-		
SITE 19		10/5/2015	12,000	7200	1200	5500	<0.4	<4	6900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		6/26/2016	11,000	15,000	1500	8100	<0.4	<4	6800	4000	-	-	43	130	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		8/9/2016	13,000	15,000	1900	11,000	<0.5	<4	<300	-	-	-	-	-	1.2	<0.5	-	-	-	-	-	-	-	-	-		
SITE 19		7/25/2018	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-		
SITE 19	19-08-11R	11/25/2008	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		4/12/2013	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		9/23/2015	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		6/25/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19	19-08-12D	11/28/2008	<0.1	0.3	<0.1	<0.1	<0.1	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		7/6/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19	19-08-12R	11/28/2008	<0.1	0.8	<0.1	<0.1	<0.1	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		7/6/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19	19-08-13	11/28/2008	<0.1	0.5	<0.1	0.4	<0.1	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 19		7/6/2009	<0.5	<0.5	&																						

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons										PAHs			VOCs			Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (filtered)	tetraethyl lead	
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2		0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons										PAHs			VOCs				Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LEPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead		
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2			0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000	0.01

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons										PAHs			VOCs			Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (filtered)	tetraethyl lead	
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2		0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000

SITE #	Location	Sample Date																	
SITE 22	22-BH11-1	5/12/2011	20	17	150	140	-	<4	710	130	-	0.14	5.5	-	-	-	-	-	-
SITE 22		11/2/2011	6.9	<0.4	1.2	1	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		2/15/2012	34	7.4	91	25	-	<4	600	-	-	-	-	-	-	-	-	-	-
SITE 22		31	7	85	23	-	<4	500	-	-	-	-	-	-	-	-	-	-	-
SITE 22		5/23/2012	16	6.6	91	15	-	<4	720	-	-	-	-	-	-	-	-	-	-
SITE 22		12/19/2012	0.44	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-
SITE 22		6/25/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		<0.4	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		3/26/2014	9.1	1.6	4.7	12	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		10/31/2014	<0.4	<0.4	<0.4	1.9	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		4/8/2015	9.2	4.5	91	8.8	-	<4	700	-	-	-	-	-	-	-	-	-	-
SITE 22		4/3/2017	8.1	5.9	77	8.7	<0.4	<4	570	-	-	-	-	-	-	-	-	-	-
SITE 22		7.5	5.4	71	7.6	<0.4	<4	550	-	-	-	-	-	-	-	-	-	-	-
SITE 22	22-BH11-2	5/12/2011	<0.4	0.58	5.3	45	-	<4	<300	<120	-	0.33	2.1	-	-	-	-	-	-
SITE 22		12/18/2012	<1.5	3.8	5.3	240	-	<4	430	290	-	0.18	12	-	-	-	-	-	-
SITE 22		3/27/2014	<1.6	7.2	160	140	-	<4	1000	-	-	-	-	-	-	-	-	-	-
SITE 22		<1.6	7.1	160	150	-	<4	1000	-	-	-	-	-	-	-	-	-	-	-
SITE 22		4/4/2017	0.76	11	160	280	<0.5	<4	1100	970	12	0.72	23	<5	0.43	<0.5	-	<2	-
SITE 22		-	-	-	-	-	-	-	890	-	0.69	21	-	-	-	-	-	-	-
SITE 22		4/12/2017	<0.4	<0.4	1.1	12	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		5/18/2017	1.2	15	150	420	<0.5	<4	740	760	12	5.4	59	-	0.26	-	-	34	-
SITE 22		11/24/2017	-	-	-	-	-	-	-	-	2.1	-	1.1	<0.5	-	-	-	-	-
SITE 22	22-BH12	4/12/1996	9.4	3.4	12.5	6.6	-	-	<100	-	-	-	-	-	-	-	-	-	-
SITE 22		3/9/2000	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-
SITE 22		11/19/2001	<0.5	<0.5	<0.5	<1	-	<1	<100	-	-	-	-	-	-	-	-	-	-
SITE 22		3/18/2004	<0.5	<1	<0.5	<1	-	<1	<100	-	-	-	-	-	-	-	-	-	-
SITE 22		1/26/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-
SITE 22		11/9/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-
SITE 22		1/30/2006	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-
SITE 22		<0.5	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-
SITE 22		3/1/2007	<0.5	<0.5	<0.5	<0.5	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		6/13/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		8/10/2017	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SITE 22		10/26/2017	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SITE 22	22-BH12-1-2	5/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		6/25/2013	0.95	0.6	2.7	0.94	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		9/17/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		3/26/2014	0.8	0.96	3.4	1.2	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		11/21/2014	0.57	<0.4	0.76	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		4/8/2015	0.7	0.43	1	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22	22-BH12-1-3	5/23/2012	<0.4	1.6	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		12/19/2012	0.72	1.1	1.9	1.6	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-
SITE 22		9/17/2013	0.44	0.46	0.46	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		3/26/2014	1	1.7	3	0.87	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		4/8/2015	0.6	0.74	1.7	0.77	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22	22-BH12-1-4	5/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		6/25/2013	1.1	0.6	3.6	2.2	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		4/8/2015	1.6	1.9	4.6	2.3	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		5/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22	22-BH12-1-5	12/19/2012	<0.4	1.6	3.6	3.3	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-
SITE 22		6/25/2013	0.43	0.8	0.75	0.5	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		9/17/2013	0.42	0.81	0.42	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		3/26/2014	0.69	2.5	1.9	1	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		5/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		6/25/2013	<0.4	0.82	0.66	0.46	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22	22-BH12-1-6	5/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		6/25/2013	<0.4	0.82	0.66	0.46	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22	22-BH12-1-7	5/23/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		12/19/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-
SITE 22	22-BH12-2-2	5/24/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-
SITE 22		6/26/2013	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-
SITE 22		7/5/2017	-	-	-	-	-	-	-	-	<0.05	-	<0.1	-	<0.2	-	-	-	-
SITE 22		8/10/2017	-	-	-	-	-	-	-	-	<0.05	-	<0.1	-	<0.2	-	-	<2	-
SITE 22		5/24/2012	<0.4	<0.4	<0.4	<0.4	-	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-
SITE 22		6/26/2013	<0.4	0.55	<0.4	<0.4	-	<4	<300	-	-	-	-	-	-	-	-	-	-
SITE 22		5/24																	

TABLE B-4: GROUNDWATER DATA COMPARED TO CSR STANDARDS X 10

	SITE #	Location	Sample Date	Petroleum Hydrocarbons								PAHs				VOCs						Metals			Organic Metals	
				benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LEPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead			
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL				0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2				0.001		
BC CSR Minimums				5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	1000	0.001		
BC CSR Minimums x 10				50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000	10000	0.01		
SITE 22	22-BH16	3/9/2000	554	1280	105	1619	-	-	5700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		1/30/2006	1200	9200	490	8600	-	<800	16,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		3/1/2007	1720	9230	997	11,800	-	<40	28,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		5/15/2009	1600	11,000	910	7100	<5	<40	14,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		1600	11,000	850	6600	<5	<40	14,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		3/16/2010	660	2500	78	800	<0.5	<4	4500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		620	2300	69	720	<0.5	<4	3900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		5/12/2011	430	23	2.3	260	-	<4	<300	260	-	0.13	<0.37	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		5/23/2012	880	10,000	1200	7700	-	<4	3300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		6/25/2013	26	73	29	340	-	<4	540	<200	-	0.18	5.3	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		9/17/2013	9.9	20	12	56	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		3/26/2014	25	99	5.9	110	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22	22-BH18	1/3/1997	<0.5	<0.5	<0.5	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		3/9/2000	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		5/7/2003	<0.5	<0.5	<0.5	<1	-	<1	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22	22-BH19	3/9/2000	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		11/19/2001	<0.5	<0.5	<0.5	<1	-	2	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		1/26/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		11/9/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		1/30/2006	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		3/2/2007	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22	22-BH2	12/26/1995	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		3/9/2000	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		3/18/2004	<0.5	<1	<0.5	<1	-	<1	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		1/26/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		11/9/2005	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		6/13/2008	<0.5	<0.5	<0.5	<0.5	-	<4	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22	22-BH22	11/2/1997	2180	21,600	5590	36,400	-	-	89,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		11/2/1997	<0.5	<0.5	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		9/9/1999	<0.5	2	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		3/9/2000	<0.5	1.3	<0.5	<0.5	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		6/1/2001	<0.5	<0.5	<0.5	<1	-	<1	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		5/6/2002	<0.5	<0.5	<0.5	<																				

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons										PAHs			VOCs				Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LEPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead		
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2			0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000	0.01

TABLE B-4: GROUNDWATER DATA COMPARED TO CSR STANDARDS X 10

EQL	Petroleum Hydrocarbons										PAHs				VOCs						Metals			Organic Metals																
	benzene		toluene		ethylbenzene		total xylenes		styrene		MTBE		VPHW		LEPHW		methyl naphthalene, 1-		methyl naphthalene, 2-		naphthalene		butadiene, 1,3-		dibromoethane, 1,2-		dichloroethane, 1,2-		isopropylbenzene		propylbenzene, 1-		trimethylbenzene, 1,3,5-		barium		barium (Filtered)		tetrathyphyl lead	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L						
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	1000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000					
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000	10000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000			

SITE #	Location	Sample Date	benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LEPHW	methyl naphthalene, 1-	methyl naphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetrathyphyl lead										
SITE 22	22-MW05-46	11/8/2005	61	18	130	780	-	<40	1400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 22		11/9/2005	52	21	130	1800	-	<80	1400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 22		2/1/2006	48	27	480	1900	-	<80	3000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		3/1/2007	23.6	19.7	256	371	-	<4	860	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		9/17/2007	27.7	399	5.6	218	-	<4	510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		6/13/2008	<11	30	160	420	<0.5	<4	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		<12	29	150	420	<0.5	<4	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		11/26/2009	0.86	<0.5	7.1	3.9	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		3/17/2010	2.4	2.6	35	35	<0.5	<4	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		12/8/2010	2.4	2.5	23	20	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		11/3/2011	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		2/15/2012	1	2	6	59	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		5/22/2012	<1	1.5	11	7.8	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		12/19/2012	<0.4	<0.4	1.1	<0.4	-	<4	<300	-	<200	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		6/26/2013	1	<0.4	1.2	<0.4	-	<4	<300	-	<200	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 22		9/16/2013	0.56	<0.4	1	2.2	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		9/18/2013	0.58	<0.4	2.4	2.1	-	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		5/18/2017	<0.4	0.62	2	2.4	<0.5	<4	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SITE 22		7/5/2017	0.58	4.8	22	120	<0.5	<4	-	-	0.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		8/10/2017	<0.4	<0.4	5	<0.5	<4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		10/25/2017	0.96	1.8	5.6	8.3	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SITE 22		11/9/2005	<0.5	<0.5	<0.																											

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons										PAHs			VOCs				Metals		Organic Metals	
benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LEPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead		
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2			0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000	0.01

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons										PAHs			VOCs				Metals		Organic Metals	
benzene µg/L	toluene µg/L	ethylbenzene µg/L	total xylenes µg/L	styrene µg/L	MTBE µg/L	VPHw µg/L	LEPHw µg/L	methylnaphthalene, 1- µg/L	methylnaphthalene, 2- µg/L	naphthalene µg/L	butadiene, 1,3- µg/L	dibromoethane, 1,2- µg/L	dichloroethane, 1,2- µg/L	isopropylbenzene µg/L	propylbenzene, 1- µg/L	trimethylbenzene, 1,3,5- µg/L	barium µg/L	barium (Filtered) µg/L	tetraethyl lead µg/L	
EQL	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2			0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	0.001
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000	0.01

TABLE B-4: GROUNDWATER DATA COMPARED TO CSR STANDARDS X 10

SITE #	Location	Sample Date	Petroleum Hydrocarbons										PAHs				VOCs						Metals			Organic Metals	
			benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LEPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	butadiene, 1,3-	dibromoethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead						
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL			0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2						0.001		
BC CSR Minimums			5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000				0.001		
BC CSR Minimums x 10			50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000				0.01		
SITE 6	6-09-34	10/6/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	140	-	-	-	-			
SITE 6		10/7/2009	-	-	-	-	-	-	<80	-	0.02	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		5/19/2010	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	133	-	-	-	-			
SITE 6		5/20/2010	-	-	-	-	-	-	<80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		3/30/2011	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	147	-	-	-	-			
SITE 6		3/31/2011	-	-	-	-	-	-	<80	-	<0.05	<0.07	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		9/27/2011	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		9/28/2011	-	-	-	-	-	-	<200	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		11/30/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		11/30/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-			
SITE 6	6-09-35	10/6/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	97	-	-	-	-			
SITE 6		10/7/2009	-	-	-	-	-	-	<80	-	0.01	0.02	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		5/19/2010	<0.4	0.8	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	84	-	-	-	-			
SITE 6		5/20/2010	-	-	-	-	-	-	<80	-	0.02	0.02	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		3/30/2011	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	94	-	-	-	-			
SITE 6		3/31/2011	-	-	-	-	-	-	<80	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		9/27/2011	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		9/28/2011	-	-	-	-	-	-	<200	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		8/8/2014	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<80	-	0.22	0.2	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		11/30/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-			
SITE 6	6-09-36	10/6/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<300	-	-	-	-	-	-	-	-	-	-	57	-	-	-	-			
SITE 6		10/7/2009	-	-	-	-	-	-	<80	-	<0.01	0.01	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		5/19/2010	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	56	-	-	-	-			
SITE 6		5/20/2010	-	-	-	-	-	-	<80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		3/30/2011	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	60	-	-	-	-			
SITE 6		3/31/2011	-	-	-	-	-	-	<80	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		9/27/2011	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		9/28/2011	-	-	-	-	-	-	<200	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		11/30/2016	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	<200	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-			
SITE 6	6-10-37	3/30/2011	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	90	-	-	-	-			
SITE 6		3/31/2011	-	-	-	-	-	-	<80	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		9/26/2011	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SITE 6		9/27/																									

**TABLE B-4: GROUNDWATER
DATA COMPARED TO
CSR STANDARDS X 10**

Petroleum Hydrocarbons										PAHs			VOCs				Metals		Organic Metals	
benzene µg/L	toluene µg/L	ethylbenzene µg/L	total xylenes µg/L	styrene µg/L	MTBE µg/L	VPHW µg/L	LEPHW µg/L	methyl/naphthalene, 1- µg/L	methyl/naphthalene, 2- µg/L	naphthalene µg/L	butadiene, 1,3- µg/L	dibromoethane, 1,2- µg/L	dichloroethane, 1,2- µg/L	isopropylbenzene µg/L	propylbenzene, 1- µg/L	trimethylbenzene, 1,3,5- µg/L	barium µg/L	barium (Filtered) µg/L	tetraethyl lead µg/L	
EQL	0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2		0.001	
BC CSR Minimums	5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	
BC CSR Minimums x 10	50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000	

TABLE B-4: GROUNDWATER DATA COMPARED TO CSR STANDARDS X 10

SITE #	Location	Sample Date	Petroleum Hydrocarbons										PAHs				VOCs						Metals			Organic Metals	
			benzene	toluene	ethylbenzene	total xylenes	styrene	MTBE	VPHW	LEPHW	methylnaphthalene, 1-	methylnaphthalene, 2-	naphthalene	phenanthrene, 1,3-	butadiene, 1,3-	dibromoethane, 1,2-	dichloroethane, 1,2-	isopropylbenzene	propylbenzene, 1-	trimethylbenzene, 1,3,5-	barium	barium (Filtered)	tetraethyl lead				
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL			0.4	0.4	0.4	0.4	0.4	4	300	80	0.05	0.01	0.01	0.5	0.2	0.5	2	20	2						0.001		
BC CSR Minimums			5	5	140	90	720	95	1500	500	5.5	15	10	1	0.5	5	400	400	40	1000	1000	1000	10000	10000	0.001		
BC CSR Minimums x 10			50	50	1400	900	7200	950	15000	5000	55	150	100	10	5	50	4000	4000	400	10000	10000	10000	10000	10000	0.01		
SITE 6	6-99-6	9/28/1999	400	7.3	450	890	-	-	1600	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		5/15/2001	36	1.1	62	94	-	-	400	<100	-	-	-	-	-	-	-	-	-	-	-	-	127	-	-		
SITE 6		10/24/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-		
SITE 6		14	0.7	24	75	-	-	300	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-		
SITE 6		21	1.1	36	100	-	-	400	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		29	<5	31	150	<4	-	<800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	-	-		
SITE 6		5/29/2002	-	-	-	-	-	-	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		11/18/2002	13	<5	22	120	<4	<40	<800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	123	-	-		
SITE 6		21	<5	43	250	<4	<40	<700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-		
SITE 6		11/19/2002	-	-	-	-	-	-	-	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		4/1/2003	15	<0.1	37	120	<0.1	-	1400	350	-	-	-	-	-	-	-	-	-	-	-	-	110	-	-		
SITE 6		16	<1	40	120	<1	-	1400	370	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	-		
SITE 6		10/28/2003	15	<1	47	190	<1	-	680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		16	<1	51	200	<1	-	730	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		10/29/2003	-	-	-	-	-	-	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		4/15/2004	5.6	0.3	8	18	<0.1	-	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		5.7	0.3	8	18	<0.1	-	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		4/16/2004	-	-	-	-	-	-	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		10/7/2004	6.9	0.3	21	63	<0.1	-	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		7	0.4	22	66	<0.1	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		10/8/2004	-	-	-	-	-	-	-	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		8/17/2005	3.2	<0.1	36	120	<0.1	-	300	160	-	-	3.1	-	-	-	-	-	-	-	-	-	100	-	-		
SITE 6		6.6	<0.1	40	120	<0.1	-	300	170	-	-	3.8	-	-	-	-	-	-	-	-	-	-	95	-	-		
SITE 6		11/1/2005	13	<0.1	80	260	<0.1	-	440	-	-	-	-	-	-	-	-	-	-	-	-	-	89	-	-		
SITE 6		11/2/2005	-	-	-	-	-	-	-	220	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		3/26/2006	9.8	1.2	67	250	<0.1	-	870	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		3/27/2006	-	-	-	-	-	-	-	500	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		12/5/2006	6.7	0.4	27	86	<0.1	-	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		12/6/2006	-	-	-	-	-	-	-	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		4/23/2007	20	<0.2	150	160	<0.2	-	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		4/24/2007	-	-	-	-	-	-	-	910	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SITE 6		6/13/2007	17	<1																							



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