TETRA TECH EM INC.

September 5, 2012

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Subject: **University of California, Berkeley, Richmond Field Station**
Phase I November 2010 through April 2012 Groundwater Sampling Results
Technical Memorandum, DTSC Site Investigation and Remediation
Order I/SE-RAO 07/07-004 Section 5.16

Dear Ms Nakashima:

Please find enclosed the September 5, 2012 Draft Phase I November 2010 through April 2012 Groundwater Sampling Results Technical Memorandum (two copes on paper and disc). Tetra Tech EM Inc. (Tetra Tech) was contracted to conduct groundwater sampling activities at the Richmond Field Station (RFS) as a follow up to the November 2010, April 2011, and October 2011 groundwater sampling events. This technical memorandum presents a summary of the data collected during the groundwater sampling conducted in April 2012, including chemical analysis of groundwater samples and depth to water measurements that were used to create groundwater contours, included as tables and figures following the report. The tables contain state and federal water quality criteria consistent with the groundwater data evaluation at the adjacent Campus Bay site; these criteria were identified to help evaluate the groundwater data and are solely intended to provide a baseline and are not intended to represent remedial or cleanup criteria or triggers for further sampling.

This technical memorandum also presents an analysis and summary of the data collected during the four rounds of site-wide groundwater sampling, as well as recommendations for continued sampling at certain locations.

This submission is provided on behalf of UC Berkeley and includes two hard copies and two electronic copies on CD. If you have any questions or comments regarding this submittal, please call me at (510) 302-6283.

Sincerely,

Jason Brodersen, P.G.
Project Manager

Enclosure

cc: Greg Haet, Office of EH&S, University of California, Berkeley
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Draft

Phase I November 2010 through April 2012 Groundwater Sampling Results Technical Memorandum

University of California, Berkeley
Richmond Field Station, Richmond, California

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September 5, 2012

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ACRONYMS AND ABBREVIATIONS

bgs	Below ground surface
CSV	Cherokee Simeon Venture I, LLC
DQO	Data quality objective
DTSC	Department of Toxic Substances Control
EPA	U.S. Environmental Protection Agency
FSW	Field Sampling Workplan
ft/ft	Foot per foot
IDW	Investigation-derived waste
J	Estimated value
LCS	Laboratory control sample
MCL	Maximum contaminant level
MDL	Method detection level
MS	Matrix spike
MSD	Matrix spike duplicate
PAH	Polycyclic aromatic hydrocarbons
PCB	Polychlorinated biphenyl
PCE	Tetrachloroethlyene
QA	Quality assurance
QC	Quality control
QL	Quantitation limit
R	Rejected data
RFS	Richmond Field Station
RPD	Relative percent difference
SVOC	Semivolatile organic compound
TCE	Trichloroethlyene
TDS	Total dissolved solids
Tetra Tech	Tetra Tech EM Inc.
TPH-E	Total extractable petroleum hydrocarbons
TPH-P	Total purgeable petroleum hydrocarbons
U	Not detected
UC Berkeley	University of California, Berkeley
µg/L	Micrograms per liter
UJ	Not detected at an estimated value
VOC	Volatile organic compound
Y	Indicates a sample chromatogram does not match the chromatogram for the TPH standard
Z	Indicates a sample contains a single peak or peaks in the TPH chromatogram, which is not a hydrocarbon pattern.

1.0 INTRODUCTION

This technical memorandum has been prepared on behalf of The Regents of the University of California (UC) in accordance with California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), Site Investigation and Remediation Order No. IS/E-RAO 06/07-004, dated September 15, 2006. This memorandum presents the results of four rounds of groundwater sampling as described in the Field Sampling Workplan (FSW) Phase I Groundwater Sampling Plan, dated June 2, 2010 (Tetra Tech EM Inc [Tetra Tech] 2010). The objective of the FSW was to address data gaps identified in the Current Conditions Report (Tetra Tech 2008) and identify immediate or potential risks to public health and the environment.

The first phase of the FSW consisted of four rounds of site-wide groundwater sampling to evaluate overall groundwater characteristics and confirm the presence or absence of any unknown contamination in the shallow groundwater zone:

- Round 1 sampling represented a dry season conditions and was collected in November 2010; results were presented in the Phase I Groundwater Sampling Results, Technical Memorandum (Tetra Tech 2011a).

- Round 2 of bi-annual sampling, a wet season sampling, was collected in April 2011; results were presented in the Phase I April 2011 Groundwater Sampling Results, Technical Memorandum (Tetra Tech 2011b).

- Round 3 sampling was collected in October 2011; results were presented in the Phase I October 2011 Groundwater Sampling Results, Technical Memorandum (Tetra Tech 2012b).

- Round 4 sampling was conducted in April 2012 in accordance with the Proposed Continued Groundwater Monitoring, April 2012 sampling letter, dated March 16, 2012 (Tetra Tech 2012a); results are presented in this memorandum.

This technical memorandum (a) summarizes groundwater sampling results from all four rounds of sampling and assesses any trends identified, (b) recommends continuing sampling at certain locations, (c) summarizes field activities, site hydrology, data quality assessment, and data evaluation associated with the April 2012 groundwater sampling event, and (d) includes attachments of field documentation forms from the April 2012 event and complete analytical results from all four rounds of groundwater sampling.

1.1 PHYSICAL SETTING

The Richmond Field Station (RFS) is located at 1301 South 46th Street, Richmond, California, along the southeastern shoreline of the City of Richmond on the San Francisco Bay and northwest of Point Isabel (see Figure 1). It consists of upland areas developed for academic teaching and research, an upland remnant coastal terrace prairie, a tidal salt marsh, and a transition zone between the upland areas and marsh. Between the late 1800s and 1948, several companies, including the California Cap Company, manufactured explosives at the RFS. In 1950, The UC Regents purchased the property from the California Cap Company. UC Berkeley initially used

the RFS for research for the College of Engineering; later, it was also used by other campus departments.

Three habitat type areas have been identified at RFS: (1) the Upland Area, (2) the Transition Area, and (3) the Western Stege Marsh (see Figure 2). The Upland Area consists of 96 acres of land bounded by Meade Street to the north, South 46th Street to the east, the Transition Area to the south, and Meeker Slough and Regatta Boulevard to the west. The Transition Area occupies approximately 5.5 acres and is bounded to the north by the Upland Area at the location of a buried, former seawall that is believed to have been the edge of the historical mudflats, and to the south by Western Stege Marsh at the 5-foot elevation upper extent of the marsh (National Geodetic Vertical Datum 29). The Transition Area is believed to consist entirely of artificial fill placed on historical mudflats. Western Stege Marsh occupies approximately 7.5 acres and is bounded by the Transition Area to the north, the RFS connector trail to the East Bay Regional Park District Trail and Eastern Stege Marsh to the east, the Bay Trail to the south, and Meeker Slough and Marina Bay housing development to the west (see Figure 2).

1.2 INVESTIGATION PURPOSE

The Current Conditions Report (Tetra Tech 2008) for RFS identified the possible presence of contaminants in groundwater as a data gap. Potential sources include contamination from off-site sources as well as previous site activities that may have leached contaminants from soil or underground utilities to groundwater. The Phase I FSW field effort addressed this data gap through installation of 51 piezometers throughout the RFS: 47 in the shallow groundwater zone, and four in a deeper zone (see Figure 3). Data collected included groundwater samples, geology, and depth to water which were used to develop a hydrogeologic model of the site and improve the understanding of overall site-wide groundwater quality.

The purpose of the continued monitoring is to evaluate seasonal fluctuations in chemical concentrations and groundwater elevations. Following the initial groundwater investigation in November 2010, 50 shallow zone piezometers were sampled for depth to water measurements and chemical analysis in April 2011, October 2011, and April 2012. These 50 piezometers include the 47 shallow piezometers installed by UC Berkeley during 2010 and three piezometers (PZ8, PZ9, and PZ11) previously installed by the owner of the adjacent property, Cherokee Simeon Venture I, LLC (CSV). The four deeper zone piezometers were not sampled for chemical analysis.

2.0 FIELD ACTIVITIES

The Phase I continued groundwater monitoring included sampling 50 piezometers throughout the RFS, including the 47 piezometers installed in the Phase I field effort and the three piezometers previously installed by CSV. Sampling was conducted through four events: two dry seasons and two wet seasons. Analyses and measurements included (see Table 1):

- Dissolved metals (field-filtered), semivolatile organic compounds (SVOC), total extractable petroleum hydrocarbons (TPH-e), total purgeable petroleum hydrocarbons (TPH-p), polycyclic aromatic hydrocarbons (PAH), and volatile organic compounds (VOC).

- Unfiltered metals analysis at piezometers FG, B474, EERC, PZ11, B195, CCC2, WTA, B163, ETA, Bulb1, and Bulb2 to confirm unfiltered concentrations identified during the first round of groundwater sampling in November 2010.

- Depth to groundwater and water quality parameters such as total dissolved solids (TDS), dissolved oxygen, pH, oxidation-reduction potential, specific conductance, and temperature.

Samples were not analyzed for pesticides or polychlorinated biphenyls (PCB) analyses during the April 2011, October 2011, or April 2012 events because these analytes were not detected in any samples collected during the November 2010 sampling event.

The information presented in Sections 2.1, 2.2, and 2.3 are specific to the April 2012 event. Groundwater sampling, water level measurements, and waste characterization activities from the previous three events are presented in their respective summary reports.

2.1 GROUNDWATER SAMPLING

Groundwater samples were collected from April 2 through April 10, 2012. The groundwater from each piezometer sampled was collected through sterile Teflon and silicon tubing using a low-flow, peristaltic pump. The discharge from the pump ran through a flow cell measuring turbidity, dissolved oxygen content, pH, temperature, and electrical conductance. Groundwater samples were collected from each piezometer after the parameters stabilized to within the acceptable ranges, as shown on the groundwater sample collection sheets included in Attachment 1. Groundwater results are discussed in Section 6. Samples were immediately placed in coolers containing ice. At the end of each day, the samples were delivered to Curtis and Tompkins laboratory located in Berkeley, California.

2.2 WATER LEVEL MEASUREMENTS

Depth to water measurements for all piezometers was recorded on April 2, 2012, to coincide with a similar field event occurring on the adjacent Campus Bay property. The depth to water in all 51 of the Phase I piezometers, including the four deeper piezometers, was measured from the top of the polyvinyl chloride casing to 0.01-foot accuracy using a water level meter; the data are

presented in Table 2. Additionally, depth to water measurements were recorded in the three CSV piezometers, PZ8, PZ9, and PZ11 located on the RFS property. If the piezometers were found to be pressurized, then the well cap was removed for a minimum of 10 minutes before the depth to water measurement to allow for the water level to equilibrate. These groundwater measurements, as well as those collected in November 2010, April 2011, and October 2011 were mapped to assess seasonal variation in groundwater elevations and contours. The depths to water measurements were recorded in the field notebook and are included on Figures 4 through 7. These figures include data from CSV to create groundwater contours which span both properties.

2.3 WASTE CHARACTERIZATION AND DISPOSAL

All investigation-derived waste (IDW) from the April 2012 field effort was drummed, labeled, and moved to a fenced storage location west of Building 110. The IDW produced from this sampling investigation consisted of three drums containing water purged from piezometers during the sampling processes. This wastewater was characterized through the samples collected and analyzed as part of the field sampling effort. These drums were disposed of at an off-site facility.

3.0 HYDROGEOLOGY

The geologic materials at the RFS include clays, silts, sands, and gravels. Generally, the coarser-grained materials are expected to transmit or yield more groundwater; however, most of the gravels and sands contained a silt/clay fraction that may severely inhibit groundwater flow or yield. A few exceptions were encountered where cleaner sand lenses occurred, which were classified in the field as well-graded and poorly graded sands. In the upper 20 feet below ground surface (bgs), these sand lenses occurred only over short lateral distances. Based on the limited number of deeper borings, a more continuous thin layer of sand may be present between depths of 35 and 40 feet bgs.

As presented in Section 2.0, 51 piezometers were installed throughout the site as part of the FSW investigation. Comprehensive groundwater flow directions were calculated based on the general uniform spacing and broad coverage of the piezometer locations. Figures 4 through 7 show the shallow groundwater elevations measured on November 1, 2010, April 11, 2011, October 1, 2011, and April 2, 2012 and the resulting contours from the shallow piezometers. The November 2010 and October 2011 groundwater elevations are likely representative of the dry season since no major rainfall had occurred in the 6 months prior to either event. The April 2011 and 2012 measurements were collected toward the ends of the typical annual wet season. Groundwater generally flows onto the site from the northeast and across the site to the southwest. Minor seasonal variation in groundwater flow direction and gradients were observed, as would be expected from wet to dry seasons. Groundwater elevations will continue to be measured bi-annually to gather a comprehensive dataset and complete a more thorough assessment of seasonal variation in groundwater flow.

The horizontal groundwater gradient or slope is estimated from the groundwater contours. In November 2010, the gradient within the northeast portion of the site was approximately 0.008 foot per foot (ft/ft). The gradient within the central portion of the site was slightly flatter at 0.002 ft/ft. The gradient in the southern portion of the site was approximately 0.004 ft/ft. In April 2011, the gradients were slightly steeper in the southern portion of the site (0.008 ft/ft) and slightly shallower in the northeast portion of the site (0.004 ft/ft). The October 2011 gradients were similar to the November 2010 gradients; both periods represent the dry season. Compared with the wet season (April 2011 and April 2012), the dry season gradients are shallower in the central and southern portions of the site and slightly steeper in the northeast portion of the site. The April 2012 gradients were slightly steeper than the April 2011 gradients in the northeast and central portions of the site, and the groundwater levels were also higher in April 2012 than in April 2011.

The variation in gradients is likely influenced by seasonal and local areas of recharge caused by varying surface cover and features and the variation in hydraulic conductivity of the soil. A localized variation in the groundwater gradient is identified near location B150, where the groundwater elevations were higher than in nearby piezometers. This variation is likely caused by past discharge from a broken freshwater pipe identified and repaired in the fall of 2010. The water levels in this area are expected to recede over time. The RFS is predominantly made of clayey soil with inherently low permeability; therefore, the reduction in groundwater level in this area could take years; a noticeable decrease in the mounding has not been observed since the initial groundwater elevations. This mounding is still visible in the most recent contours.

Vertical groundwater gradients were also estimated from the water level measurements at the shallow/deep well pairs. The following table shows the vertical gradients estimated from the water level measurements collected between November 2010 and April 2012.

Vertical Groundwater Gradients (ft/ft)					
Well Pair	November 2010	February 2011	April 2011	October 2011	April 2012
RFS-GW-480	0.25 Up	0.18 Up	0.13 Up	0.23 Up	0.19 Up
RFS-GW-B128	0.031 Dn	0.01 Up	0.046 Up	0.019 Dn	0.091 Dn
RFS-GW-B38	0.015 Up	0.008 Dn	0.04 Dn	0.015 Up	0.059 Dn
RFS-GW-CTP	0.038 Dn	0.013 Up	0.068 Dn	0.006 Dn	0.01 Up

Notes: Up = Upward gradient
Dn = Downward gradient

Changes in the vertical gradients are likely the result of seasonal variations in surface water infiltration and recharge and the variability in the aquifer properties from more permeable sands to less permeable clays.

4.0 DATA QUALITY ASSESSMENT

This section provides an overall summary of the data quality for the groundwater samples collected during the April 2012 event. Specific data quality assessments for previous sampling events are presented in each respective summary report.

4.1 DATA QUALITY OBJECTIVES

Data quality objectives (DQO) were developed during the FSW planning process to help ensure the collection of data appropriate to support defensible decisions. The DQOs stated the need for additional groundwater data at the RFS to develop a hydrogeologic model of the site and to improve overall understanding of groundwater quality. This DQO was achieved through the strategic placement of 51 groundwater monitoring piezometers across the RFS from fenceline to fenceline and also targeted specific locations defined as data gaps in the Current Conditions Report.

The data collected during the first three rounds of groundwater sampling were adequate to create hydraulic gradient maps to help gain a better understanding of the general hydrology at the RFS. Additionally, the chemical data collected improved site knowledge of areas identified as data gaps and previously uncharacterized areas.

All locations were sampled in April 2012 according to the sampling plan and quality assurance project plan in the FSW (Tetra Tech 2010). The analytical data achieved appropriate method detection levels (MDL) for comparison with relevant state and federal groundwater criteria and are presented below, along with comparisons to the first round of data.

4.2 LABORATORY DATA REVIEW

Assignment of data qualification flags for analytical data from Curtis and Tompkins for the April 2012 event conformed to U.S. Environmental Protection Agency (EPA) Contract Laboratory Program National Functional Guidelines for Organic Data Review (EPA 2008) and Inorganic Data Review (EPA 2010). Data review specifications require that various data qualifiers be assigned when a deficiency is detected or when a result is less than its detection limit. If no qualifier is assigned to a result that has been reviewed, the data user is assured that no technical deficiencies were identified during validation. The qualification flags used are defined as follows:

- U – Indicates that the chemical was not detected at the numerical detection limit (sample-specific detection limit) noted. Non-detected results from the laboratory are reported in this manner.

- UJ – Indicates that the chemical was not detected; however, the detection limit (sample-specific detection limit) is considered estimated based on problems encountered during laboratory analysis. The associated numerical detection limit is regarded as inaccurate or imprecise. This qualifier is also added to a positive result (reported by the laboratory) if the detected concentration is determined to be attributable to contamination introduced during field sampling or laboratory analysis.

- J – Indicates that the chemical was detected; however, the associated numerical result is not a precise representation of the concentration that is actually present in the sample. The laboratory-reported concentration is considered an estimate of the true concentration.

- R – Indicates that the chemical may or may not be present. The non-detected analytical result reported by the laboratory is considered unreliable and unusable. This qualifier is applied in cases of gross technical deficiencies (for example, a holding time missed by a factor of two times the specified time limit, severe calibration non-compliance, or extremely low analyte recovery in quality control [QC] spike samples).

- Y – Indicates the sample chromatogram does not match the chromatogram for the TPH standard. This flag does not denote a quality issue or QC violation.

- Z – Indicates the sample contains a single peak or peaks in the TPH chromatogram, which is not a hydrocarbon pattern. This flag does not denote a quality issue or QC violation.

The preceding data qualifiers may be categorized as indicating major or minor problems. Major problems are defined as issues that result in the rejection of data and qualification with R. These data are considered invalid and are not used for decision-making unless they are used in a qualitative way and the use is justified and documented. Minor problems are defined as issues resulting in the estimation of data and qualification with U, J, and UJ qualifiers. Estimated analytical results are considered suitable for decision-making unless the data use requirements are stringent and the qualifier indicates a deficiency that is incompatible with the intended data use. A U qualifier does not indicate that a data deficiency exists because all non-detect values are flagged with the U qualifier regardless of whether a quality deficiency has been detected. Y and Z are identifiers for TPH and do not denote quality issues or QC violations or cause the data to be estimated; instead, they identify the pattern in the chromatogram.

4.3 DATA QUALITY REVIEW FINDINGS

The following section addresses quality review findings for the inorganic and organic data collected in April 2012.

A review of the inorganic data quality determined that quality assurance (QA)/QC objectives for bias and precision were met for most analytical results, with the following exceptions:

- Matrix spike (MS) and matrix spike duplicate (MSD) recoveries resulted in qualification of results as “estimated” (“J”) for dissolved barium in one sample, and total barium and lead in one sample.

- Relative percent difference percentages (RPD) between the MS and MSD resulted in qualification of results as estimated “J” for dissolved aluminum in one sample.

- Iron and selenium results were "J" qualified as estimated due to calibration QC violations in one sample.

- Due to laboratory blank contamination, dissolved aluminum results in eight samples, dissolved in antimony in seven samples, dissolved arsenic in 10 samples, dissolved cadmium in four samples, dissolved iron results in 11 samples, dissolved mercury results in 19 samples, dissolved molybdenum results in three samples, dissolved selenium results in 15 samples, total aluminum results in three samples, total arsenic results in one sample, total cadmium results in three samples, total iron results in two samples, total molybdenum results in four samples, and total selenium results in four samples are considered nondetect and "UJ" qualified. No results were qualified nondetect due to field blank contamination. Less than 6 percent of the inorganic groundwater data was qualified due to laboratory blank contamination problems.

- Due to serial dilution criteria infractions, dissolved barium results in five samples, dissolved calcium, iron, manganese, and nickel results in one sample, total barium and sodium in one sample, and total magnesium and manganese results in two samples, were "J" qualified as estimated.

- Several inorganic sample results were estimated because they were reported at concentrations between the MDL and the laboratory quantitation limit (QL). The analytical instrument can make reliable qualitative identification of analytes above the MDL but below the QL; however, detected results below the QL are considered quantitatively uncertain. Approximately 17 percent of the inorganic groundwater data was affected, however, these results are considered usable as qualified.

A review of the organic data quality determined that QA/QC objectives for bias and precision were met for most analytical results, with the following exceptions:

- MS/MSD and Laboratory Control Sample (LCS) spike recoveries resulted in qualification of results as estimated ("J") for seven semivolatile compounds in five samples: 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 2-chlorophenol, bis(2-chloroethyl)ether, and nitrobenzene in one sample, and bis(2-ethylhexyl)phthalate in four samples. Additionally, VOCs (2,2'-dichloropropane, methyl-tert butyl ether, trichloroethene, and vinyl acetate in one sample, and Freon-12 in 10 samples).

- RPDs between the MS and MSD resulted in qualification of results as estimated "J" for 1,1-dichloroethane and vinyl acetate results in one sample and Freon-12 in 10 sample results.

- Surrogate recoveries resulted in qualification of results as estimated "J" for volatile organic compounds and gasoline in one sample.

- Results for Freon-12 and vinyl acetate in four samples were "J" qualified as estimated due to calibration QC violations in multiple samples.

- Due to laboratory blank contamination, bis(2-ethylhexyl)phthalate results in seven samples, acetone results in 19 samples, methylene chloride results in four samples, naphthalene in one sample, diesel results in two samples, and gasoline results in 61 samples are considered nondetect and "UJ" qualified. In addition, three chloroform results were qualified nondetect and "UJ" qualified due to field blank contamination. Less than 2 percent of the organic groundwater data was qualified due to laboratory and field blank contamination problems.

- The results for several organic compounds in a few samples were estimated because they were reported at a concentration between the MDL and the QL. The analytical instrument can make reliable qualitative identification of analytes above the MDL but below the QL; however, detected results below the QL are considered quantitatively uncertain. Less than 2 percent of the organic groundwater data was affected.

Although some qualifiers were added to the data, a final review of the April 2012 and the previous three data sets against the EPA data quality parameters indicated that the data are of high overall quality. The data from all four events meet all the requirements of the precision, accuracy, representativeness, completeness, and comparability described in EPA guidance for quality assurance project plans and the RFS Quality Assurance Project Plan (EPA 2002, Tetra Tech 2010) and are usable for meeting the project DQOs and future risk assessments.

The overall assessment of the sampling program, QA/QC data, and data review indicates the data from this investigation are of acceptable precision, accuracy, representativeness, completeness, and comparability.

4.4 DEVIATIONS

There were no deviations from the March 16, 2012 proposed continued groundwater monitoring memorandum to DTSC, and the groundwater samples were collected consistent with the protocols in the Field Sampling Workplan dated June 2, 2010. The filtering process for the dissolved metals analysis was conducted in the field during this event, consistent with DTSC comments regarding the October 2011 sampling effort. Previously, samples for the dissolved metals analysis were filtered at the analytical laboratory.

5.0 APRIL 2012 DATA EVALUATION

This section provides an overview of the compounds detected during the groundwater sampling conducted between April 2 and 10, 2012. State and federal water quality criteria consistent with the groundwater data evaluation performed at the adjacent Campus Bay site were identified to help evaluate the groundwater data, as presented in Table 5. The comparisons are solely intended to provide a baseline and are not intended to represent remedial or cleanup criteria or triggers for further sampling. Analysis of data and trends from the four rounds of sampling is described in Section 6.0. Tables 6 through 9 provide summaries of the detected data. Complete analytical results are included in Attachment 2. California maximum contaminant levels (MCL) are referred to as California MCL, whereas the federal MCL is simply referred to as MCL.

5.1 VOLATILE ORGANIC COMPOUNDS

Groundwater samples were analyzed for VOCs by EPA Method 8260. While VOCs were detected at many sampling locations, only 20 of the 71 target analytes were detected at the RFS (see Table 6). Of the VOCs detected, four compounds — 1,2-dichloroethane, carbon tetrachloride, tetrachloroethlyene (PCE), and trichloroethylene (TCE) — exceeded the MCL:

- 1,2-Dichloroethane was detected at eight of 50 sampling locations with concentrations ranging from 0.2 to 8.2 micrograms per liter (µg/L); one location, B163, exceeded the MCL of 5 µg/L at a concentration of 8.2 µg/L.

- Carbon tetrachloride was detected at five locations. Concentrations at four locations ranged from 0.2 to 4.8 µg/L; and at location CTP, carbon tetrachloride was detected at concentrations of 14 µg/L, which exceed the MCL of 5 µg/L.

- PCE was detected at 21 locations with concentrations ranging from 0.1 to 11 µg/L. At one location, B163, PCE was detected at concentrations of 11 µg/L, which exceeds the MCL (5 µg/L).

- TCE was detected at 28 locations, 19 of which exceeded the MCL of 5 µg/L. Reported concentrations exceeding the MCL ranged from 5.4 to 190 µg/L. The concentrations of TCE exceeding the MCL were predominantly found along the eastern RFS property boundary.

5.2 SEMIVOLATILE ORGANIC COMPOUNDS

Groundwater samples were analyzed for SVOCs by EPA Method 8270. PAHs are a subset of SVOCs, analyzed by EPA Method 8270-SIM (selective ion monitoring) to obtain a lower QL and MDL. SVOCs were detected infrequently across the RFS, with only eleven of 73 target analytes detected: 1,4-dioxane, 1-methylnapthalene, 4-methylphenol, acenapthene, acenaphthylene, anthracene, fluoranthene, fluorine, naphthalene, phenanthrene, and pyrene (see Table 7). There are no established MCLs for the detected analytes.

- 1,4-Dioxane was detected at concentrations ranging from 0.09 µg/L to 12 µg/L at 12 locations.

- 1-Methylnapthalene, 4-methylphenol, acenapthene, acenaphthylene, anthracene, floranthene, fluorine, and phenanthrene were detected in one location each; naphthalene and pyrene were detected at three locations.

5.3 METALS

With the exception of silver, metals were detected in all samples submitted for analysis. Unfiltered metals analysis was conducted for samples collected at piezometers FG, B474, EERC, PZ11, B195, CCC2, WTA, B163, ETA, Bulb1, and Bulb2 to confirm unfiltered concentrations identified during the first round of groundwater sampling in November 2010. The samples collected in April 2012 were also submitted to Curtis and Tompkins for analysis; however, the filtrate samples were field filtered. A summary of all detected metals is presented in Table 8.

Aluminum. Aluminum was detected at 7 of the 11 unfiltered sampling locations, ranging in concentration from 7.9 to 740 µg/L. Additionally, aluminum was detected in 13 of the 50 filtered samples, ranging in concentrations from 6.5 to 600 µg/L. There is no MCL for aluminum.

Antimony. Antimony was detected at nine of the 11 unfiltered sampling locations, at concentrations ranging from 0.18 to 3.5 µg/L. Additionally, antimony was detected in 19 of the 50 filtered samples, ranging in concentration from 0.18 to 3.3 µg/L. No detection exceeded the MCL of 6 µg/L.

Arsenic. Arsenic was detected at ten of the 11 unfiltered samples, with concentrations ranging from 0.5 to 9.3 µg/L. Additionally, arsenic was detected in 42 of the 50 filtrates samples, with concentrations ranging from 0.39 to 18 µg/L. Concentrations at two locations, B197 and DH exceeded the MCL of 10 µg/L at 10 and 18 µg/L, respectively.

Barium. Barium was detected in all unfiltered and filtrate samples with concentrations ranging from 5.4 to 370 µg/L. No detection exceeded the MCL of 2,000 µg/L.

Beryllium. Beryllium was detected at five of the 11 unfiltered sampling locations, with concentrations of 0.21 and 0.98 µg/L. Additionally, beryllium was detected in 10 of the 50 filtered samples, ranging in concentration from 0.21 to 0.57 µg/L. No detection exceeded the MCL of 4 µg/L.

Cadmium. Cadmium was detected in seven of the 11 unfiltered samples at concentrations ranging from 0.11 to 19 µg/L, with the values at locations B163 and PZ11 exceeding the MCL of 5 µg/L. Additionally, cadmium was detected in 21 of the 50 filtered samples, with concentrations ranging from 0.099 to 22 µg/L. Concentrations at two locations, B163 and PZ11 exceeded the MCL at 6.2 and 22 µg/L, respectively.

Chromium. Chromium was detected at ten of the 11 unfiltered sampling locations, with concentrations ranging from 0.34 to 9.4 µg/L. Additionally, chromium was detected in 39 of the

50 filtered samples, ranging in concentration from 0.23 to 5.8 µg/L. No detection exceeded the MCL of 50 µg/L.

Cobalt. Cobalt was detected at seven of the 11 unfiltered sampling locations, with concentrations of ranging from 0.24 to 5 µg/L. Cobalt was also detected in 18 of the 50 filtered samples, ranging in concentration from 0.26 to 6.5 µg/L. There is no MCL for cobalt.

Copper. Copper was detected in six of the 11 unfiltered samples, with concentrations ranging from 0.96 to 770 µg/L. Additionally, copper was detected in 16 of the 50 filtered samples, with concentrations ranging from 0.86 to 800 µg/L. No sample concentration exceeded the MCL of 1,300 µg/L.

Lead. Lead was detected in three of the 11 unfiltered samples, ranging in concentration from 0.56 to 0.97 µg/L. No detection exceeded the MCL of 15 µg/L. Lead was not detected in any of the 50 filtered samples collected.

Manganese. Manganese was detected in all unfiltered and filtered samples, ranging in concentration from 0.36 to 19,000 µg/L. There is no MCL for manganese.

Mercury. Mercury was detected at eight of the 11 unfiltered sampling locations, with concentrations ranging from 0.038 to 2.7 µg/L; the sample from location B195 exceeded the MCL of 2 µg/L. Mercury was detected in 11 of the 50 filtered samples, with concentrations of 0.026 and 2 µg/L. Only the sample collected at location B195 exceeded the MCL.

Nickel. Nickel was detected in ten of the 11 unfiltered samples with concentrations ranging from 0.41 to 1,200 µg/L, with the one values at locations B163 and PZ11 exceeding the California Department of Public Health MCL of 100 µg/L. Additionally, nickel was detected in 30 of the 50 filtrates samples collected with concentrations ranging from 0.67 to 1,400 µg/L. Only the samples collected at locations B163 and PZ11 exceeded the California MCL with concentrations of 180 and 1,400 µg/L.

Selenium. Selenium was detected at five of the 11 unfiltered sampling locations, with concentrations of 0.45 and 4.8 µg/L. Selenium was also detected in 11 of the 50 filtered samples, ranging in concentrations from 0.28 to 67 µg/L. The sample collected location B150 exceeded the MCL of 50 µg/L at 67 µg/L.

Silver. Silver was detected in one of the unfiltered samples, with a concentration of 0.74 µg/L, and three of the 50 filtered samples, ranging in concentration from 0.18 to 0.6 µg/L. There is no MCL for silver.

Thallium. Thallium was detected at one of the 11 unfiltered sampling locations, with a concentration of 0.28 µg/L and one of the 50 filtered samples, with a concentration of 0.21 µg/L. No detection exceeded the MCL of 2 µg/L.

Vanadium. Vanadium was detected in all of the unfiltered sampling locations and 49 of the 50 filtered samples, ranging in concentration from 0.47 to 7.3 µg/L. There is no MCL for vanadium.

Zinc. Zinc was detected at seven of the 11 unfiltered sampling locations, with concentrations ranging from 6.7 to 6,600 µg/L. Zinc was also detected in 32 of the 50 filtered samples, ranging in concentration from 3.7 to 7,600 µg/L. There is no MCL for zinc.

5.4 TOTAL PETROLEUM HYDROCARBONS

All samples were submitted for TPH analysis. A summary of detected TPH results is provided in Table 9. There were no detections of motor oil-range organics or TPH as gasoline. There were nine detections of diesel-range organics, with concentrations ranging from 8 to 13 µg/L. There are no established MCLs for TPH.

6.0 PHASE I COMPREHENSIVE DATA EVALUATION

This section provides a comprehensive analysis of the compounds detected during the four rounds of groundwater sampling conducted between November 2010 and April 2012. State and federal water quality criteria consistent with the groundwater data evaluation at the adjacent Campus Bay site were identified to help evaluate the groundwater data, as presented in Table 5. The comparisons are solely intended to provide a baseline and are not intended to represent remedial or cleanup criteria or triggers for further sampling. Tables 10 through 13 provide summaries of the detected data. Complete analytical results are included in Attachment 2.

The initial round of samples was submitted to the EPA Region 9 Laboratory in November 2010 for VOC, SVOC, TPH, metals, TDS, metals, PCB and pesticide analyses. Because no PCBs or pesticides were detected in the initial sampling, these analyses were not included for the next three rounds of sampling. The subsequent three rounds of samples collected in April 2011, October 2011, and April 2012 were submitted to Curtis and Tompkins for analysis.

Very few deviations from the workplan occurred during the four rounds of sampling, and the data from each round was reviewed per the EPA guidance described in Section 4.0. Each round of data met all the requirements of the precision, accuracy, representativeness, completeness, and comparability and was determined to be usable for meeting the project DQOs and future risk assessments.

6.1 VOLATILE ORGANIC COMPOUNDS

Groundwater samples were submitted for analysis of VOCs by EPA Method 8260. While VOCs were detected at many sampling locations, only 30 of 71 target analytes were detected at the RFS. These results are presented in Table 10. Of the VOCs detected, seven compounds exceeded their respective MCLs:

- 1,2-Dichloroethane
- Benzene
- Carbon tetrachloride
- cis-1,2-Dichloroethene
- PCE
- TCE
- Vinyl chloride.

Benzene detections exceeded the California MCL (1 µg/L) at two locations, Bulb1 and Bulb2, in the first round of sampling, but was not detected at these locations during the following three rounds of sampling. No samples exceeded the federal MCL of 5 µg/L. Benzene was detected at locations B163 and B185 at low concentrations, as shown in the following table.

Sample Date	B163	B185	BULB1	BULB2
Nov-10	0.2 J	0.5 U	2.3	4.1
Apr-11	0.3 J	0.7 U	0.5 U	0.5 U
Apr-11 (DUP)	--	0.1 J	--	--
Oct-11	0.3 J	0.1 J	0.5 U	0.5 U
Oct-11 (DUP)	--	0.7 U	--	--
Apr-12	0.4 J	0.1 J	0.5 U	0.5 U

Notes:
Results in micrograms per liter (µg/L).
California MCL is 1 µg/L, the federal MCL is 5 µg/L.
J Estimated Result
U Not detected at reporting limit

Carbon tetrachloride was detected at location CTP at concentrations exceeding the federal MCL (5 µg/L) during all four rounds of sampling, averaging 16 µg/L. Carbon tetrachloride has also been detected in some of the piezometer locations downgradient of location CTP (see Figure 8), however at concentrations around 1 µg/L, which exceeds the California MCL of 0.5 µg/L. No source of carbon tetrachloride has been identified in the immediate area or upgradient of the piezometer CTP. The concentrations of carbon tetrachloride at location CTP are considered a new data gap which will be further investigated as part of the Phase III Field Sampling Plan (Tetra Tech 2012c). Carbon tetrachloride was also detected at location B185 in all samples, averaging approximately 4 µg/L, but was not detected at any downgradient locations. Carbon tetrachloride detections at this location will continue to be monitored as part of the continued annual groundwater monitoring program.

The remaining five compounds are chlorinated solvents. The concentrations of these compounds exceeding the MCL were predominantly detected along the eastern RFS property boundary. Concentrations of 1,2-dichloroethane exceeding the MCL were detected at locations B120, B163, B178, B185, and B197 – all of which are located in the Corporation Yard, or just south of the Corporation Yard. Cis-1,2-dichloroethene, PCE, and vinyl chloride were detected at one or both of the locations PZ11 and B163. TCE was detected at 34 of the 50 piezometer locations at the RFS. Figure 9 shows all of the detected concentrations of TCE during the four rounds of sampling. The majority of the detected concentrations are located near the eastern property boundary, with the highest concentrations near the Corporation Yard, although there are detectable levels of TCE across the RFS.

Little to no seasonal influence is apparent in VOC concentrations between the dry and wet season sampling. The first round of sampling does tend to have higher concentrations than the subsequent three rounds; however, this could be due to the use of a different laboratory for the first event.

As a follow-up to the first three rounds of sampling which indicated the presence of TCE in the groundwater in the Corporation Yard, UC Berkeley collected soil samples at 12 locations, at depths from the ground surface to just above groundwater, and submitted the samples for VOC analysis (see Figure 10). All but two of these samples were 'non-detect' for PCE and TCE (Tetra Tech 2012d). In addition, DTSC requested that Zeneca place soil gas wells near the property boundary to better understand the concentrations of VOCs in soil gas. These locations and concentrations are shown on Figure 10. Additional sampling will be performed in August 2012

as part of UC Berkeley's Phase III Field Sampling Plan to investigate soil near soil gas well SG-121.

In addition to the chemical data analyzed, depth to groundwater data were used to create groundwater contours for the RFS and Campus Bay. While some seasonal variation does exist (see Figures 4 through 7), the general groundwater flow direction along the property boundary is to the southwest (in the direction from Campus Bay to RFS).

Piezometers along the property boundary will continue to be sampled on an annual basis; any significant changes in VOC concentrations may result in additional investigation. At present, these concentrations are not considered a new data gap and no additional investigation on the RFS side of the property boundary is recommended. VOCs will continue to be sampled for during the continued annual groundwater monitoring, and the data will be analyzed for any trends that may emerge.

6.2 SEMIVOLATILE ORGANIC COMPOUNDS

All groundwater samples were submitted for analysis of SVOCs by EPA Method 8270 and PAHs by EPA Method 8270-SIM. SVOCs were detected infrequently across the RFS, with only 14 of 73 target analytes detected:

- 1,4-Dioxane
- 1-Methylnapthalene
- 4-Methylphenol
- Acenapthene
- Acenaphthylene
- Anthracene
- Benzoic acid
- Benzyl alcohol
- bis(2-ethylhexyl) Phthalate
- Fluoranthene
- Fluorene
- Naphthalene
- Phenanthrene
- Pyrene

The detected results are presented in Table 11. With the exception of bis(2-ethylhexyl) phthalate, there are no MCLs for the detected compounds. Concentrations of bis(2-ethylhexyl) phthalate exceeded the MCL in four samples, at four different piezometer locations. 1,4-Dioxane was detected at more than half of the piezometer locations at concentrations ranging from 0.03 µg/L to 12 µg/L. The detections correlate with locations where TCE was detected along the property boundary near the Corporation Yard.

The remainder of the detected SVOC concentrations appear sporadic and trends have not been identified. 1-Methylnapthalene, 4-methylphenol, acenapthene, acenaphthylene, anthracene,

benzoic acid, benzyl alcohol, fluoranthene, and fluorene were detected at one location in one sample each, with the exception of acenaphthylene which was detected in three of the four samples at location B300. Napthlanene, phenanthrene, and pyrene were detected at four, two, and three locations, respectively. In the samples collected in April 2012, eight of the SVOC compounds were detected at location EPA, but were not detected in the duplicate collected, supporting that the detections do not represent significant or duplicable contamination. SVOCs will continue to be sampled during the continued annual groundwater monitoring.

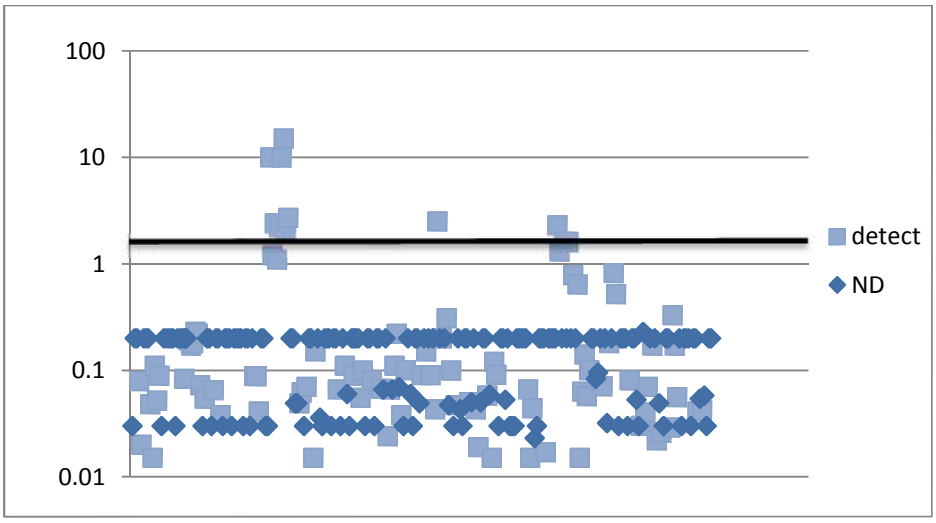
6.3 METALS

All samples were submitted for metals analysis for all four rounds of sampling. The November 2010 event samples were submitted to the EPA Region 9 Laboratory for analysis of total (unfiltered) metals. Samples collected in April 2011 and October 2011 were submitted to Curtis and Tompkins Laboratory for lab-filtering and metals analysis. Unfiltered metals analysis was conducted for samples collected at piezometers FG, B474, EERC, PZ11, B195, CCC2, WTA, B163, ETA, Bulb1, and Bulb2 to confirm unfiltered concentrations identified during the first round of groundwater sampling in November 2010. The samples collected in April 2012 were also submitted to Curtis and Tompkins for analysis; however, the filtrate samples were field filtered.

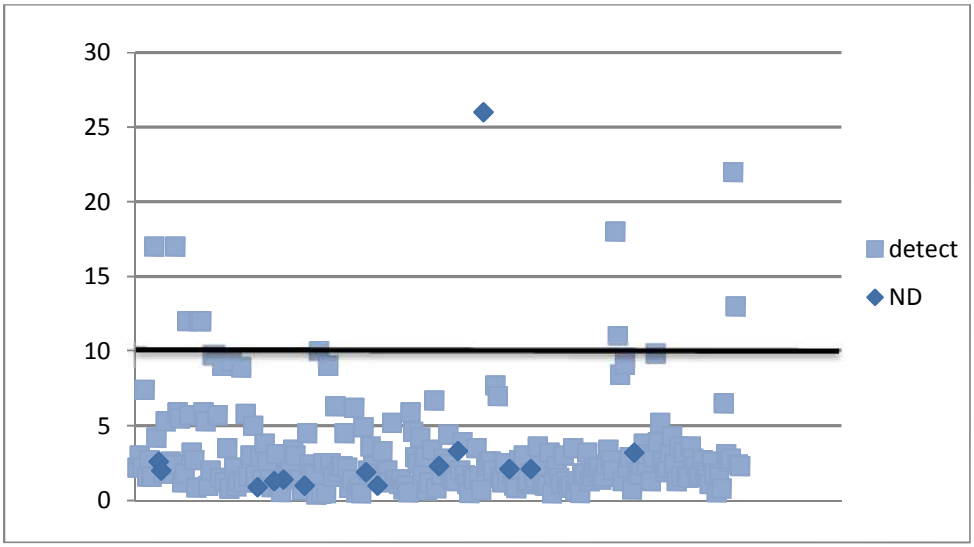
All of the metals sampled for were detected. Of the 24 metals sampled, 7 were detected at concentrations exceeding their respective MCLs (see Table 12):

- Arsenic
- Cadmium
- Chromium
- Copper
- Mercury
- Nickel
- Selenium

Chromium and selenium were detected at concentrations exceeding their respective MCLs at one location during one of the four sampling rounds. These concentrations do not support any trends. Arsenic was detected at concentrations exceeding its MCL at locations ETA and Bulb1 during the second and third rounds of sampling, respectively, and just below the MCL during the following rounds of sampling. The mercury concentrations at location B195 exceeded the MCL during every sampling round. These exceedances appear to be localized as arsenic was not detected in up-gradient piezometers from Bulb1 and ETA, and mercury was not detected in piezometers down-gradient of B195. Arsenic was also detected above the MCL in one sample at locations B197, DH, and EERC, and mercury in one sample at locations Bulb2 and ETA. The mercury and arsenic concentrations were plotted below. These piezometers will continue to be sampled annually to assess whether the arsenic or mercury concentration increases or decreases with time.



Plot of all mercury concentrations (logarithmic scale) – California and federal MCL – 2 µg/L, shown as black line on graph.



Plot of all arsenic concentrations – California and federal MCL – 10 µg /L, shown as black line on graph.

Cadmium and nickel were detected above the MCL at locations B163 and PZ11; copper was also detected at concentrations exceeding its MCL at PZ11. These piezometers are located near the eastern property boundary where Campus Bay has recently performed pilot studies of substrate injections for VOC degradation. The elevated concentrations of metals at these locations may be due to the reducing conditions in the soil created by the pilot study. These metals were not detected at other locations exceeding their MCLs. Additionally, concentrations of contaminants were slightly higher during the dry season (April 2011 and April 2012); the cause of this increase is not known. Piezometer PZ11 is included in the pilot study performance monitoring being conducted at Campus Bay to assess the effectiveness of substrate injections at reducing VOC concentrations in groundwater underlying the northeastern portion of the RFS and the northwestern portion of Campus Bay. It is anticipated that the concentration trends in PZ11 will be discussed in more detail in the pilot study report, expected to be submitted to the DTSC in

August 2012. Piezometer B163 will continue to be monitored annually as part of the continued groundwater monitoring program.

The infrequent exceedance of MCLs in groundwater samples collected over the four rounds of monitoring does not indicate a new data gap and no additional remedial work is warranted at this time. Dissolved metals will continue to be sampled for during the continued annual groundwater monitoring.

6.4 TOTAL PETROLEUM HYDROCARBONS

All samples were submitted for TPH analysis. Motor-oil range TPH was only detected in two samples, and diesel and gasoline were detected at low levels at multiple locations, but lacked consistency of location or concentration (see Table 13). There are no established MCLs for TPH and a review of the detected data revealed no trends.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Review of the data collected during the four rounds of Phase I groundwater sampling has satisfied the groundwater data gap identified in the Current Conditions Report. The groundwater results confirm the known volatile contaminants along the eastern property boundary and provide additional support that there are no significant or moderate previously unknown groundwater concerns at the property. Although several chemicals exist at concentrations exceeding the MCLs, there are no current or future plans to use groundwater at the RFS as a drinking water source and no additional data gaps have been identified. While the MCL provides a conservative screening value to compare groundwater data, exceeding an MCL does not warrant the identification of a new data gap or support remedial evaluation at this time. The majority of compounds analyzed as part of the shallow groundwater investigation were non-detect and with the exception of VOCs detected along the eastern property boundary and the carbon tetrachloride at piezometer CTP, no contaminant issues in the shallow groundwater have been identified at the RFS.

Aside from location CTP, the current groundwater and soil sampling data do not indicate that significant or measurable surface spills or soil contamination (if any) has leached to groundwater, which was one of the data gaps identified in the Current Conditions Report. Soil or soil gas sampling will continue within subsequent FSP phases to investigate remaining data gaps not addressed through groundwater characterization.

Annual groundwater monitoring is recommended at a subset of the 50 piezometers to evaluate ongoing groundwater conditions at RFS. Monitoring will consist of chemical analysis at piezometers with sample results exceeding California or Federal MCLs during any of the previous four monitoring events. Chemical analysis will be conducted for the analytes which exceeded the MCLs. For example, if a groundwater result indicated an exceedence of an MCL for a VOC but no other MCL exceedences, then that sample will be analyzed for VOCs only. In addition to chemical analysis, depth to water and other water quality parameters will be measured consistent with previous Phase I groundwater sampling events. Annual sampling is recommended due to the lack of significant variation in the sample results reported between wet (April) and dry (October/November) seasonal events, as presented in Section 6.

Proposed continued groundwater monitoring locations are shown on Figure 11, and the proposed analyte list is below. The annual sampling is recommended to be conducted in April of each calendar year. Depth to groundwater measurements will continue to be collected bi-annually at all 50 piezometers to continue the comprehensive assessment of seasonal groundwater flow.

Point Location ID	VOCs (EPA Method 8260B)	SVOCs (EPA Method 8270C)	Metals (EPA Method 6020A/7400 series)
B120	X		
B128		X	
B150			X
B163	X		X
B175S	X		
B178	X		
B180		X	
B185	X		
B195	X		X
B197	X		X
B277	X		
B278	X		
B280A	X		
B450	X		
B473	X		
B480	X		
Bulb1	X		X
Bulb2	X	X	X
CCC3	X		
CCCT	X		
CTP	X		X
DH			X
EERC	X		X
EPA	X	X	
ETA	X		X
FG			X
GEO	X		
MFA	X	X	
PZ11	X		X
PZ9	X		
RWF	X		
TP1	X		
TP2	X		

Following the first annual event in April 2013, UC Berkeley will submit a technical memorandum prior to each continued sampling event confirming the proposed locations and analytes.

8.0 REFERENCES

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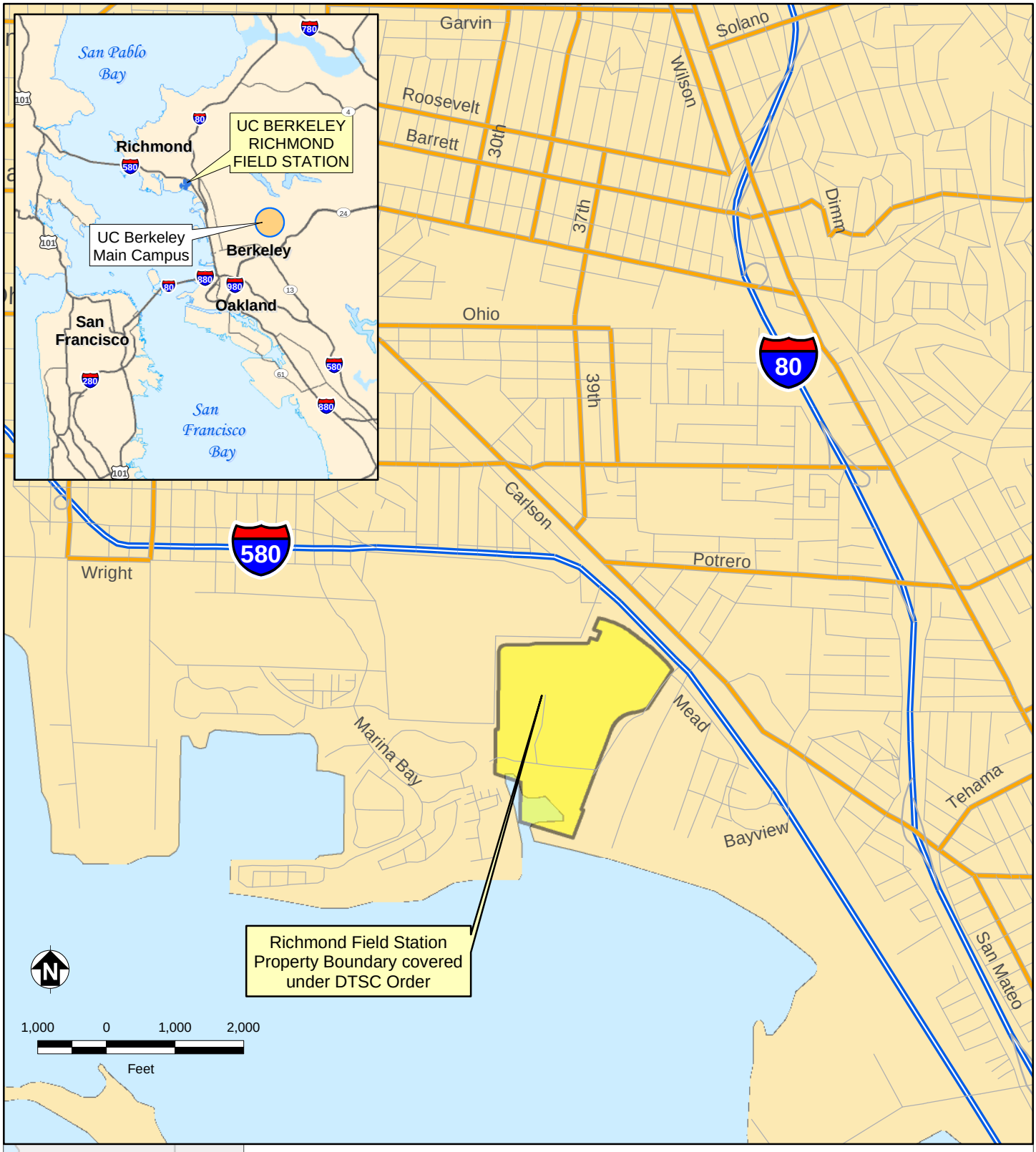
EPA. 2010. USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review." Document Number EPA-540-R-10-011. January.

FIGURES



TETRA TECH

Richmond Field Station
University of California, Berkeley

FIGURE 1
SITE LOCATION MAP

Phase I Groundwater Sampling Results

Bay Trail
Meeker Slough
Western Stege Marsh
Transition Area (Including Bulb)
Upland

Property Boundary
Approximate Property Boundary

TETRA TECH

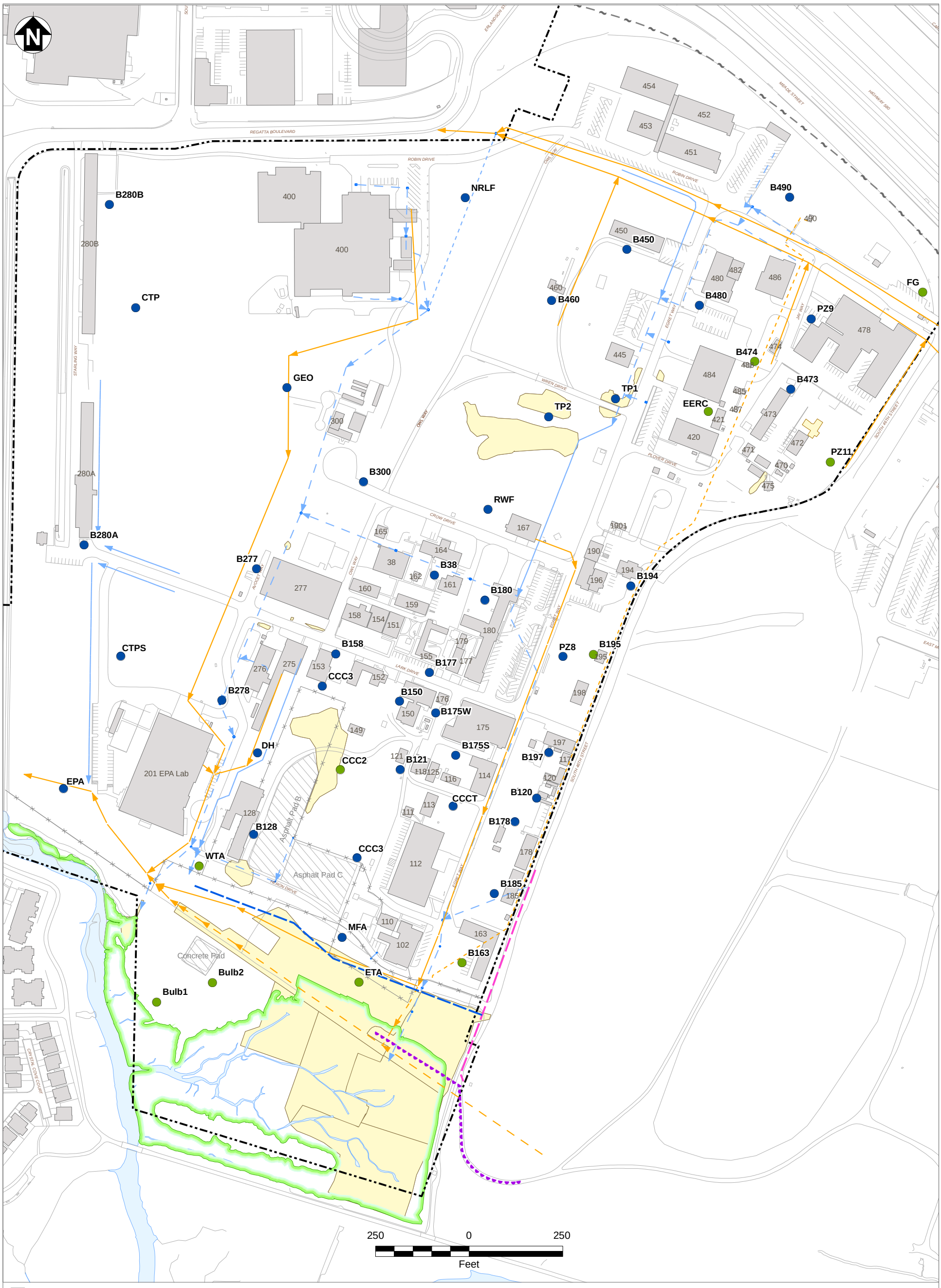
Richmond Field Station
University of California, Berkeley

Notes:
EBRPD East Bay Regional Parks District
EERC Earthquake Engineering Reseach Center
EPA Environmental Protection Agency
NRLF Northern Regional Library Facility
RFS Richmond Field Station

FIGURE 2
SITE MAP

Phase I Groundwater Sampling Results

2012-01-9 V:\Misc_GIS\Richmond_Field_Station\Projects\Field_Sampling_Workplan\Site_Boundaries.mxd TtEMI-OAK CF

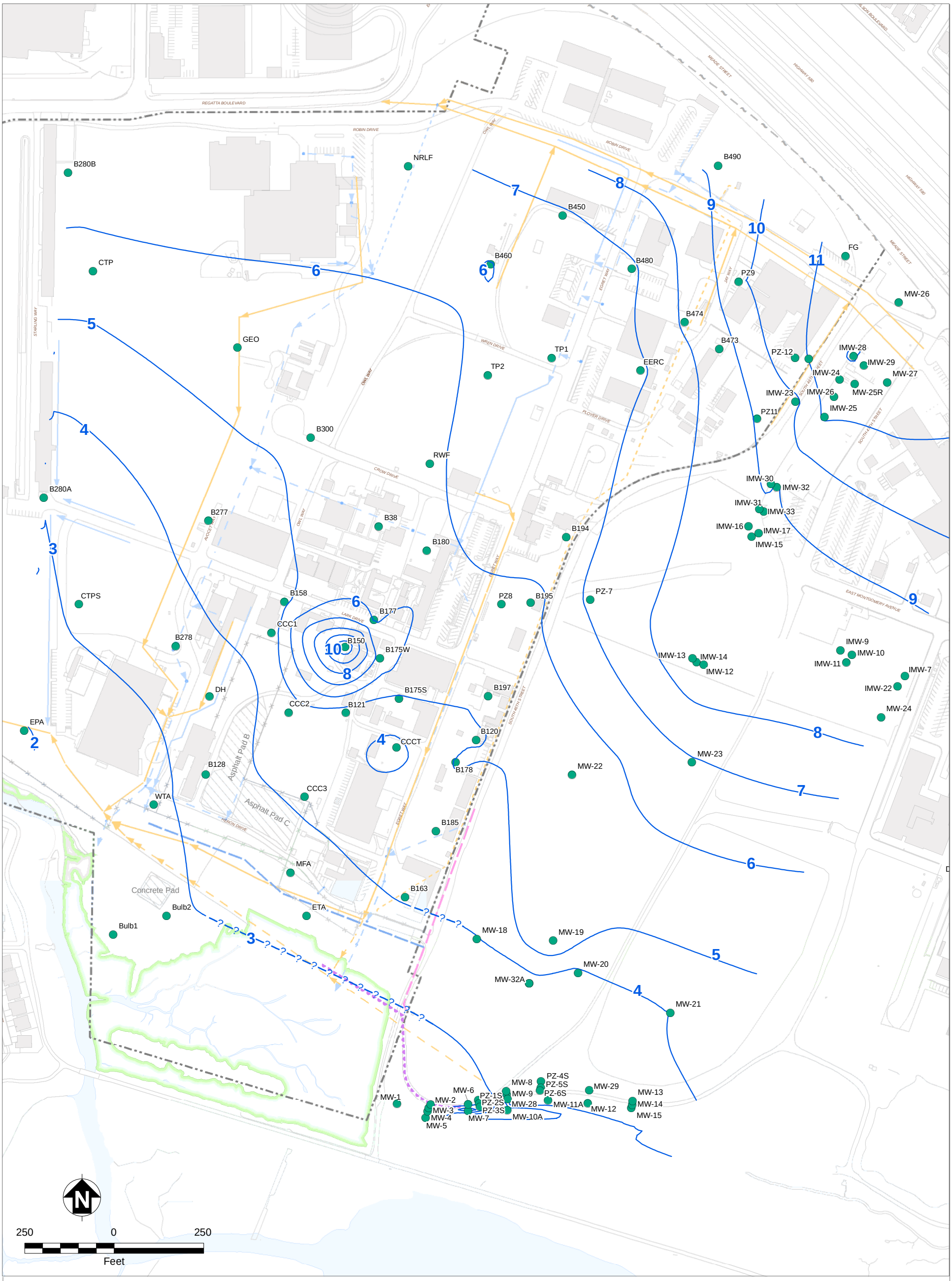


TETRA TECH EM INC.

Richmond Field Station
University of California, Berkeley

FIGURE 3
GROUNDWATER SAMPLING LOCATIONS

Phase I Groundwater Sampling Results



- Piezometer Location
- November 2010 Groundwater Contours
- Contour Estimated due to Proximity to BAPB Wall, Slurry Wall, or Marsh
- Existing Building
- Asphalt/Concrete Pad
- Surface Water
- Marsh Boundary
- Property Boundary
- Approximate Property Boundary
- Roads and Other Landscape Features
- Fenceline
- Biologically Active Permeable Barrier Wall
- Former Seawall (Approximate)
- Slurry Wall

Storm Drain Lines:

- Open Swale
- Underground Culvert
- Underground Culvert, Abandoned (Grouted at Manholes)

Sanitary Sewer Lines:

- Existing Sewer Line
- Removed Sewer Line
- Abandoned Sewer Line

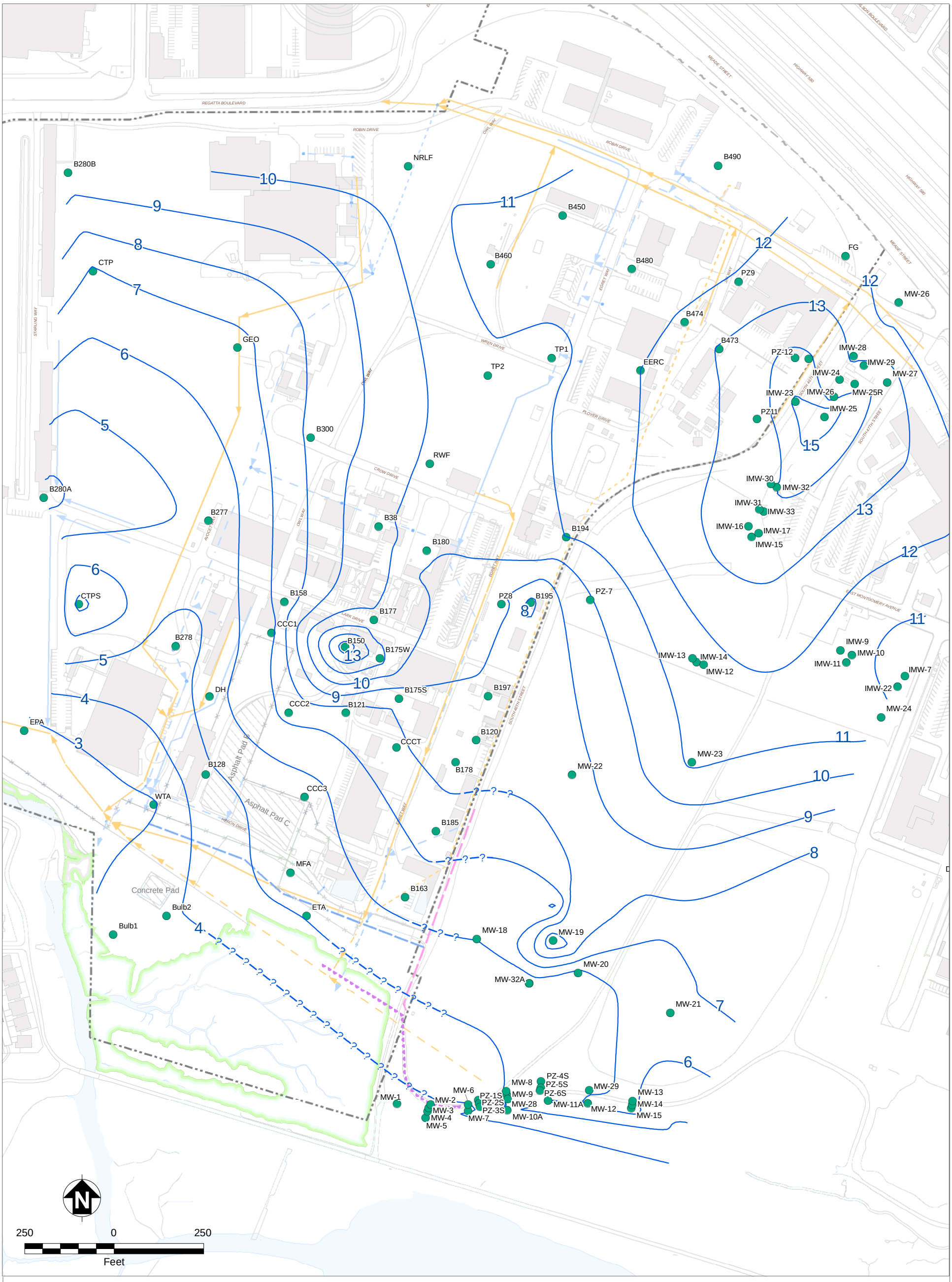
Note:
BAPB biologically active permeable barrier
bgs below ground surface
ft feet
Groundwater contours given in feet about mean sea level

TETRA TECH

Richmond Field Station
University of California, Berkeley

FIGURE 4
SHALLOW GROUNDWATER ELEVATION CONTOURS, NOVEMBER 2010

Phase I Groundwater Sampling Results



- Piezometer Location
- April 2011 Groundwater Contours
- Contour Estimated due to Proximity to BAPB Wall, Slurry Wall, or Marsh
- Existing Building
- Asphalt/Concrete Pad
- Surface Water
- Marsh Boundary
- Property Boundary
- Approximate Property Boundary
- Roads and Other Landscape Features
- Fenceline
- Biologically Active Permeable Barrier Wall
- Former Seawall (Approximate)
- Slurry Wall

Storm Drain Lines:
- Open Swale
- Underground Culvert
- Underground Culvert, Abandoned (Grouted at Manholes)

Sanitary Sewer Lines:
- Existing Sewer Line
- Removed Sewer Line
- Abandoned Sewer Line

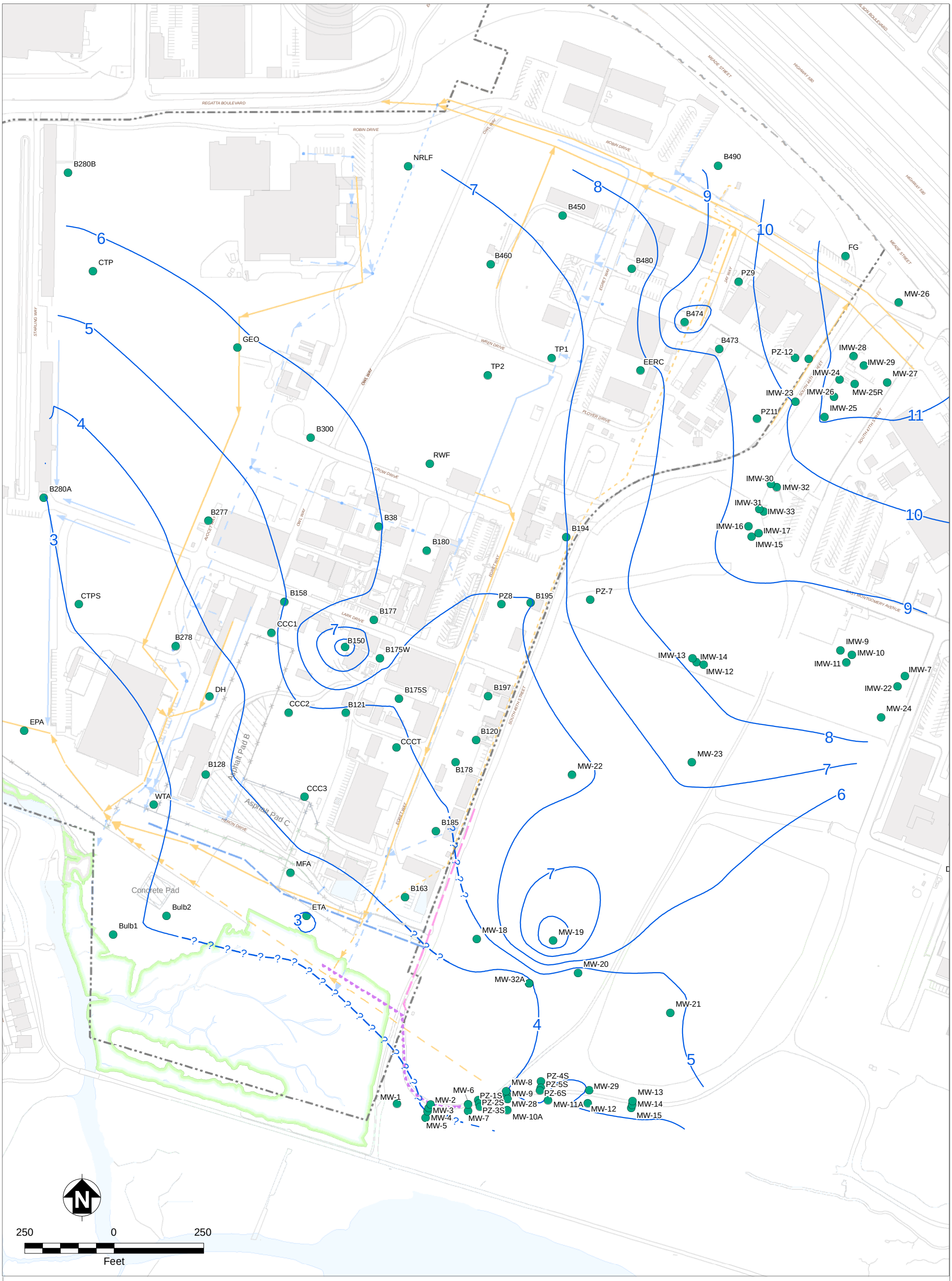
Note:
BAPB biologically active permeable barrier
bgs below ground surface
ft feet
Groundwater contours given in feet above mean sea level

TETRA TECH

Richmond Field Station
University of California, Berkeley

FIGURE 5
SHALLOW GROUNDWATER ELEVATION CONTOURS, APRIL 2011

Phase I Groundwater Sampling Results



- Piezometer Location
- October 2011 Groundwater Contours
- Contour Estimated due to Proximity to BAPB Wall, Slurry Wall, or Marsh
- Existing Building
- Asphalt/Concrete Pad
- Surface Water
- Marsh Boundary
- Property Boundary
- Approximate Property Boundary
- Roads and Other Landscape Features
- Fenceline
- Biologically Active Permeable Barrier Wall
- Former Seawall (Approximate)
- Slurry Wall

Storm Drain Lines:

- Open Swale
- Underground Culvert
- Underground Culvert, Abandoned (Grouted at Manholes)

Sanitary Sewer Lines:

- Existing Sewer Line
- Removed Sewer Line
- Abandoned Sewer Line

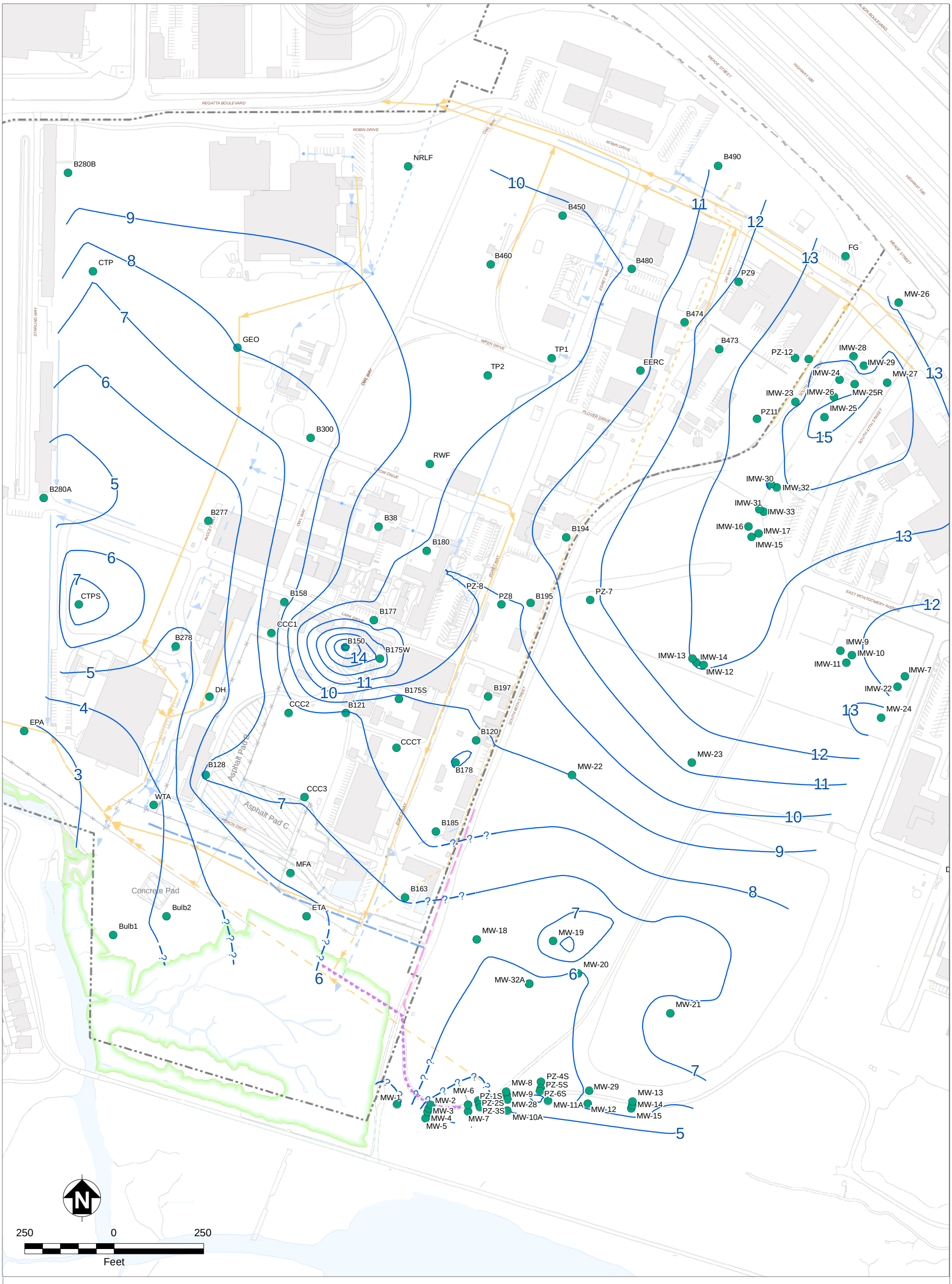
Note:
BAPB biologically active permeable barrier
bgs below ground surface
ft feet
Groundwater contours given in feet above mean sea level

TETRA TECH

Richmond Field Station
University of California, Berkeley

FIGURE 6
SHALLOW GROUNDWATER ELEVATION CONTOURS, OCTOBER 2011

Phase I Groundwater Sampling Results



- Piezometer Location
- April 2012 Groundwater Contours
- Contour Estimated due to Proximity to BAPB Wall, Slurry Wall, or Marsh
- Existing Building
- Asphalt/Concrete Pad
- Surface Water
- Marsh Boundary
- Property Boundary
- Approximate Property Boundary
- Roads and Other Landscape Features
- Fenceline
- Biologically Active Permeable Barrier Wall
- Former Seawall (Approximate)
- Slurry Wall

Storm Drain Lines:
- Open Swale
- Underground Culvert
- Underground Culvert, Abandoned (Grouted at Manholes)

Sanitary Sewer Lines:
- Existing Sewer Line
- Removed Sewer Line
- Abandoned Sewer Line

Note:
BAPB biologically active permeable barrier
bgs below ground surface
ft feet
Groundwater contours given in feet about mean sea level

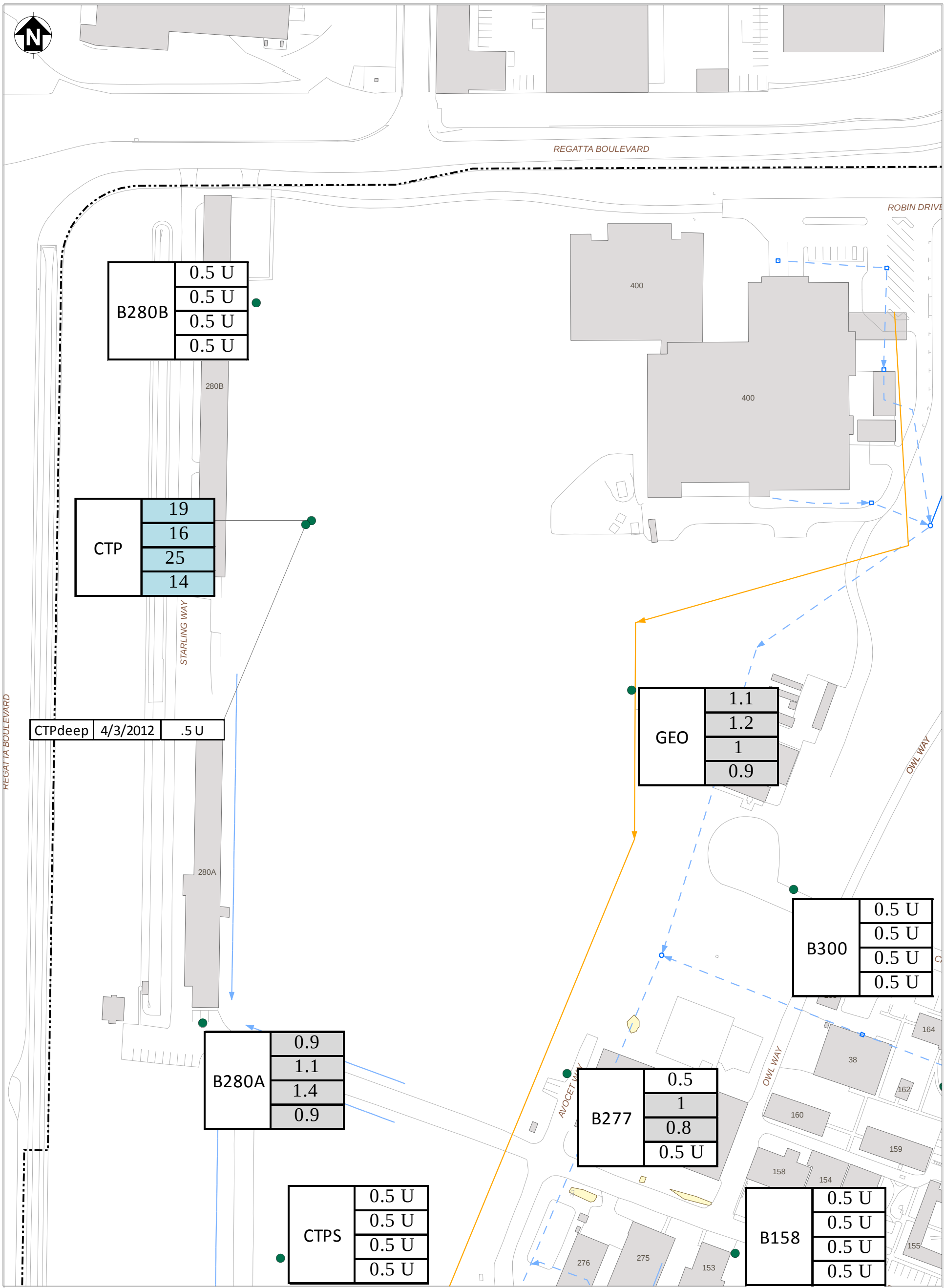
TETRA TECH

Richmond Field Station
University of California, Berkeley

FIGURE 7
SHALLOW GROUNDWATER ELEVATION CONTOURS, APRIL 2012

Phase I Groundwater Sampling Results

2012-8-7 V:\Misc_GIS\Richmond_Field_Station\Projects\Field_Sampling_Workplan\FSW_I_Final\GW_combined_2012_11.mxd TtEMI-OAK CF



Existing Buildings
Asphalt/Concrete Pads
Remediated Areas
Property Boundary
Approximate Property Boundary
Roads and Other Landscape Features
Piezometer Location
Storm Drain Lines:
Open Swale
Underground Culvert
Sanitary Sewer Lines:
Existing Sewer Line

Notes:
Only data from the original sample collected from a location is displayed (no duplicate data).

The CaliforniaMCL for carbon tetrachloride 0.5 ug/L.
The federal MCL for carbon tetrachloride 5 ug/L.
Blue highlighting indicates the sample result exceeds the federal MCL.
Gray highlighting indicates the sample result exceeds the California MCL.
Samples are shown in order of collection:
November 2010
April 2011
October 2011
April 2012

J Estimated result
MCL Maximum Contaminant Level
U Not detected
ug/L Micrograms per liter

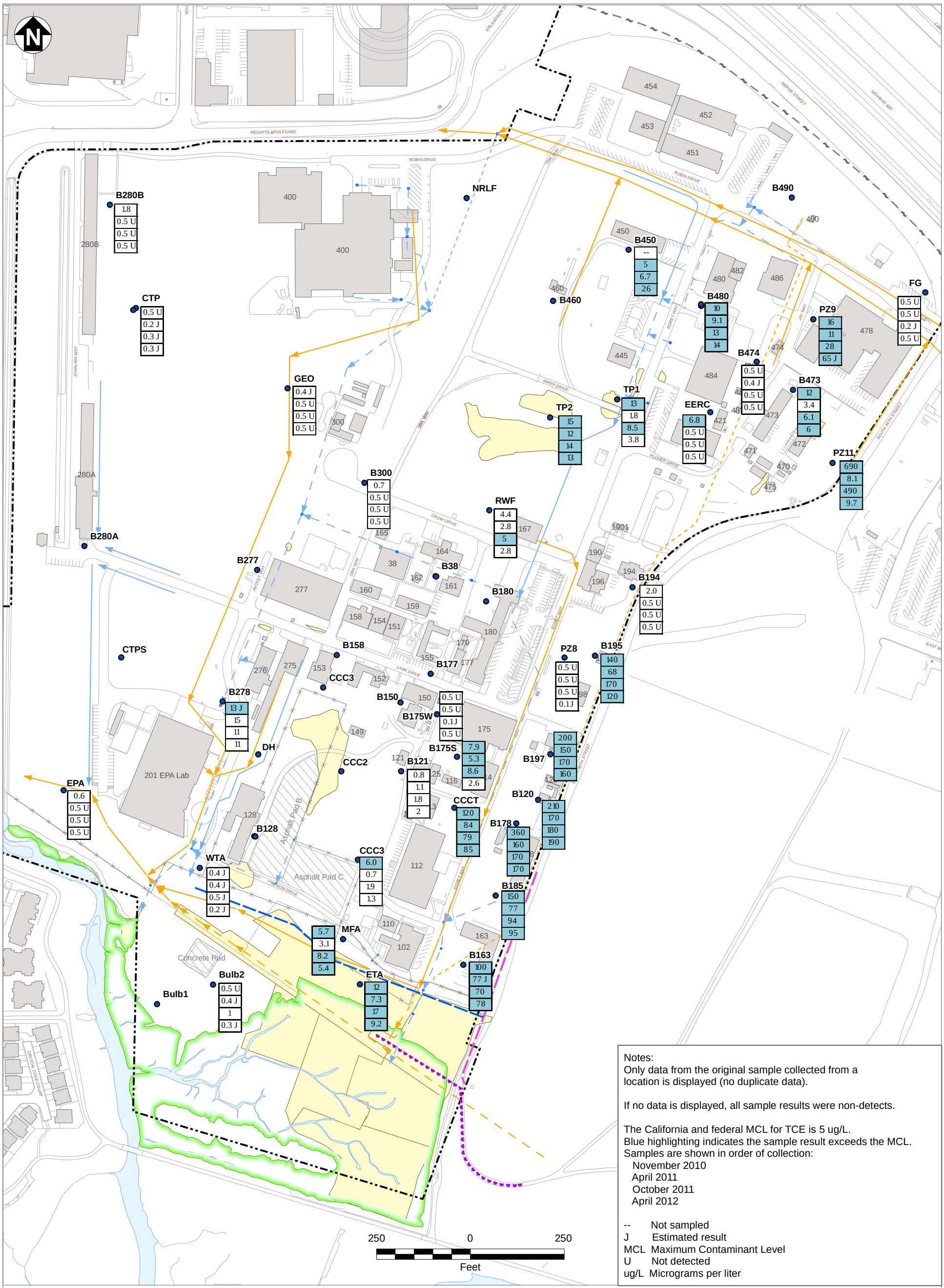
TETRA TECH EM INC.

Richmond Field Station
University of California, Berkeley

FIGURE 8
CARBON TETRACHLORIDE RESULTS NEAR PIEZOMETER CTP

Phase I Groundwater Sampling Results

2012-2-21 V:\Misc_GIS\Richmond_Field_Station\Projects\Field_Sampling_Workplan\Phase_III\CTP_CarbonTet.mxd TtEMI-SF cjf



Notes:
Only data from the original sample collected from a location is displayed (no duplicate data).

If no data is displayed, all sample results were non-detects.

The California and federal MCL for TCE is 5 ug/L.
Blue highlighting indicates the sample result exceeds the MCL.
Samples are shown in order of collection:
November 2010
April 2011
October 2011
April 2012

-- Not sampled
J Estimated result
MCL Maximum Contaminant Level
U Not detected
ug/L Micrograms per liter

Existing Buildings
Asphalt/Concrete Pads
Remediated Areas
Surface Water
Marsh Boundary
Property Boundary
Approximate Property Boundary
Roads and Other Landscape Features
Fenceline

Biologically Active Permeable Barrier Wall
Former Seawall (Approximate)
Slurry Wall
Storm Drain Lines:
Open Swale
Underground Culvert
Underground Culvert, Abandoned (Grouted at Manholes)
Sanitary Sewer Lines:
Existing Sewer Line
Removed Sewer Line
Abandoned Sewer Line

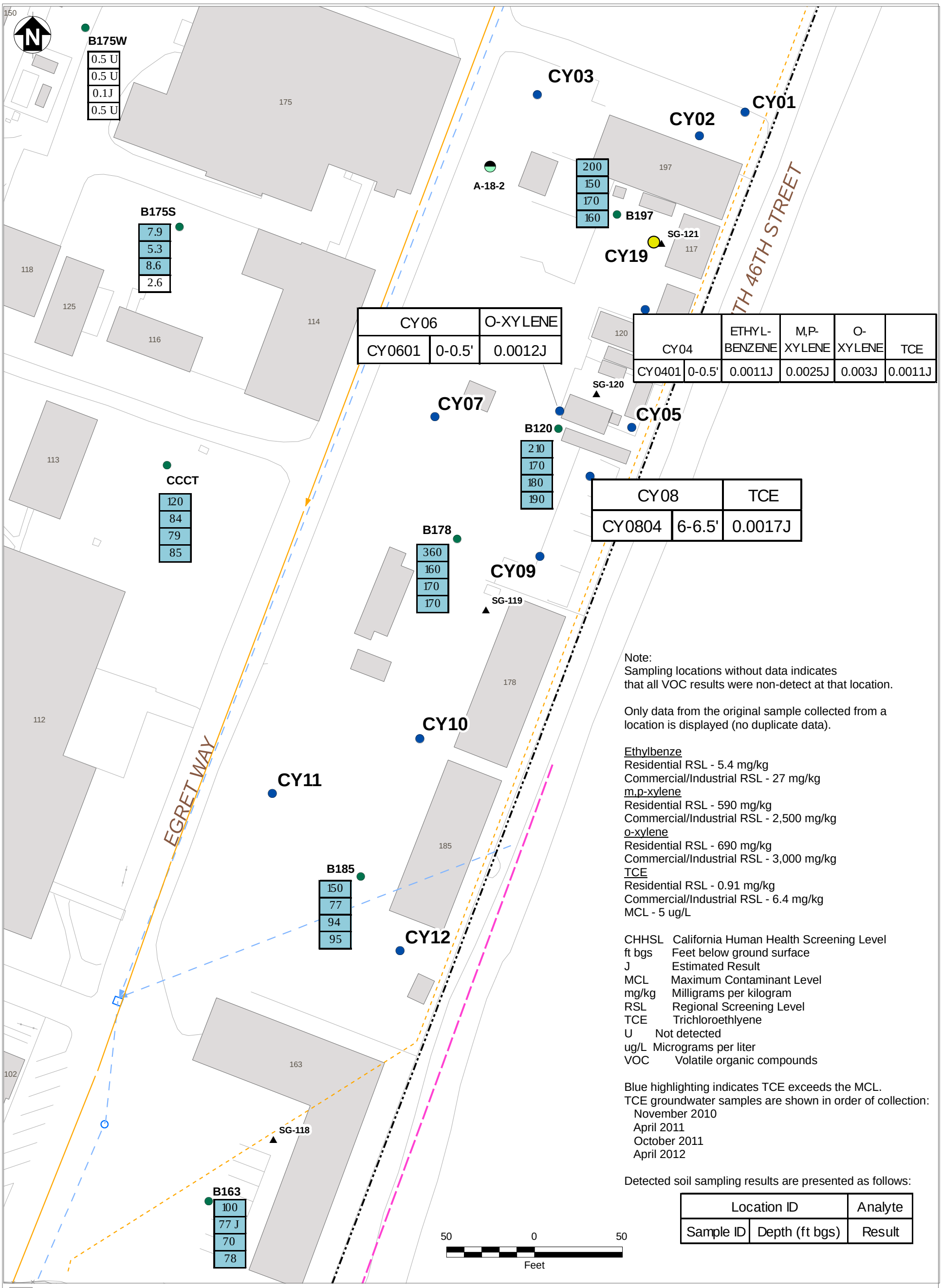
Groundwater Sampling Locations

TETRA TECH EM INC.

Richmond Field Station
University of California, Berkeley

FIGURE 9
TCE GROUNDWATER CONCENTRATIONS

Phase I Groundwater Sampling Results



Note:
Sampling locations without data indicates that all VOC results were non-detect at that location.

Only data from the original sample collected from a location is displayed (no duplicate data).

Ethylbenze
Residential RSL - 5.4 mg/kg
Commercial/Industrial RSL - 27 mg/kg
m,p-xylene
Residential RSL - 590 mg/kg
Commercial/Industrial RSL - 2,500 mg/kg
o-xylene
Residential RSL - 690 mg/kg
Commercial/Industrial RSL - 3,000 mg/kg
TCE
Residential RSL - 0.91 mg/kg
Commercial/Industrial RSL - 6.4 mg/kg
MCL - 5 ug/L

CHHSL	California Human Health Screening Level
ft bgs	Feet below ground surface
J	Estimated Result
MCL	Maximum Contaminant Level
mg/kg	Milligrams per kilogram
RSL	Regional Screening Level
TCE	Trichloroethlyene
U	Not detected
ug/L	Micrograms per liter
VOC	Volatile organic compounds

Blue highlighting indicates TCE exceeds the MCL.
TCE groundwater samples are shown in order of collection:
November 2010
April 2011
October 2011
April 2012

Detected soil sampling results are presented as follows:

Location ID		Analyte
Sample ID	Depth (ft bgs)	Result

Existing Buildings
Asphalt/Concrete Pads
Property Boundary
Roads and Other Landscape Features
Fenceline
Slurry Wall
Aboveground Storage Tank (AST)
Existing Piezometer Location
Soil Sampling Location
Proposed Soil Sampling Location
Zeneca Soil Gas Well Location

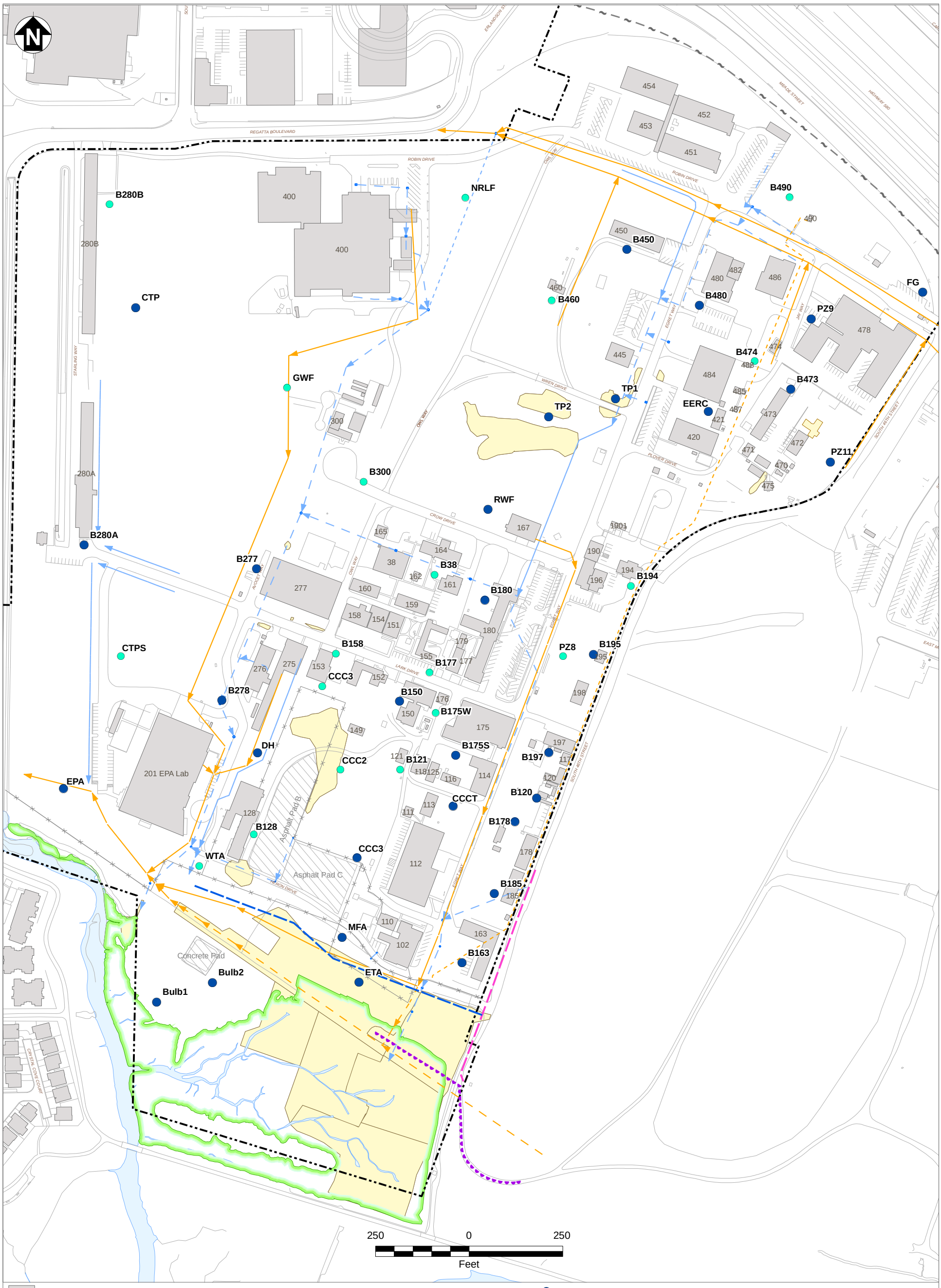
Storm Drain Lines:
Open Swale
Underground Culvert
Underground Culvert, Abandoned (Grouted at Manholes)
Sanitary Sewer Lines:
Existing Sewer Line
Removed Sewer Line
Abandoned Sewer Line

TETRA TECH

Richmond Field Station
University of California, Berkeley

FIGURE 10
CORPORATION YARD
VOC SAMPLING RESULTS

Phase I Groundwater Sampling Results



Existing Buildings
Asphalt/Concrete Pads
Remediated Areas
Surface Water
Marsh Boundary
Property Boundary
Approximate Property Boundary
Roads and Other Landscape Features
Fenceline

Biologically Active Permeable Barrier Wall
Former Seawall (Approximate)
Slurry Wall

Storm Drain Lines:
Open Swale
Underground Culvert
Underground Culvert, Abandoned (Grouted at Manholes)

Sanitary Sewer Lines:
Existing Sewer Line
Removed Sewer Line
Abandoned Sewer Line

Proposed Continued Sampling Location
No Additional Sampling Proposed

TETRA TECH EM INC.

Richmond Field Station
University of California, Berkeley

FIGURE 11
PROPOSED CONTINUED GROUNDWATER SAMPLING LOCATIONS

Phase I Groundwater Sampling Results

2012-7-20 V:\Misc_GIS\Richmond_Field_Station\Projects\Field_Sampling_Workplan\FSW_I_Final\GW_continued.mxd TtEMI-SF CJF

TABLES

Table 1: Groundwater Sampling Registry
Phase I April 2012, Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Groundwater Samples											
			Analysis	TPH-P (EPA Method 8015B modified)	VOCs (EPA Method 8260B)	TPH-E (EPA Method 8015B modified)	SVOCs (EPA Method 8270C)	Metals (EPA Method 6020A/7400 series)	PAH (EPA Method 8270-SIM)	TDS (EPA Method 160.1)
			Sample Container	2 40mL Amber VOA vials with HCl	2 40mL Amber VOA vials with HCl	500mL Amber	1 Liter Amber	500mL Poly with HNO3	1 Liter Amber	250mL poly
			Holding Time	14 Days	14 Days	14 Days	7/40 days	Metals – 6 Months (except Mercury – 28 Days)	7/40 days	7 days
Sample ID	Point Location ID	Sampling Date	Depth (feet bgs)							
RFSGWB12004	B120	4/3/2012	4-14	X	X	X	X	X	X	X
RFSGWB12104	B121	4/4/2012	8-18	X	X	X	X	X	X	X
RFSGWB12804	B128	4/2/2012	6-16	X	X	X	X	X	X	X
--	B128deep	NS	30-40							
RFSGWB15004	B150	4/4/2012	5.5-15.5	X	X	X	X	X	X	X
RFSGWB15004D	B150	4/4/2012	5.5-15.5	X	X	X	X	X	X	X
RFSGWB15804	B158	4/6/2012	5-15	X	X	X	X	X	X	X
RFSGWB16304	B163	4/2/2012	7-17	X	X	X	X	X	X	X
RFSGWB175S04	B175S	4/4/2012	5-15	X	X	X	X	X	X	X
RFSGWB175W04	B175W	4/4/2012	5-15	X	X	X	X	X	X	X
RFSGWB17704	B177	4/4/2012	9-19	X	X	X	X	X	X	X
RFSGWB17804	B178	4/3/2012	4.5-14.5	X	X	X	X	X	X	X
RFSGWB18004	B180	4/4/2012	6-16	X	X	X	X	X	X	X
RFSGWB18504	B185	4/2/2012	4-14	X	X	X	X	X	X	X
RFSGWB19404	B194	4/4/2012	7-17	X	X	X	X	X	X	X
RFSGWB19504	B195	4/3/2012	6-16	X	X	X	X	X	X	X
RFSGWB19704	B197	4/3/2012	4-14	X	X	X	X	X	X	X
RFSGWB19704D	B197	4/3/2012	4-14	X	X	X	X	X	X	X
RFSGWB27704	B277	4/3/2012	7-17	X	X	X	X	X	X	X
RFSGWB27804	B278	4/5/2012	6-16	X	X	X	X	X	X	
RFSGWB280A04	B280A	4/3/2012	4-14	X	X	X	X	X	X	X
RFSGWB280B04	B280B	4/3/2012	6-16	X	X	X	X	X	X	X
RFSGWB30004	B300	4/9/2012	7-17	X	X	X	X	X	X	X
RFSGWB3804	B38	4/4/2012	7-17	X	X	X	X	X	X	X
--	B38deep	NS	31-41							
RFSGWB45004	B450	4/6/2012	6-16	X	X	X	X	X	X	X
RFSGWB46004	B460	4/6/2012	8-18	X	X	X	X	X	X	X
RFSGWB47304	B473	4/6/2012	7-17	X	X	X	X	X	X	X
RFSGWB47404	B474	4/9/2012	6-16	X	X	X	X	X	X	X
RFSGWB48004	B480	4/9/2012	6-16	X	X	X	X	X	X	X
--	B480deep	NS	35-40							
RFSGWB49004	B490	4/9/2012	8-18	X	X	X	X	X	X	X
RFSGWBULB1	Bulb1	4/5/2012	8-18	X	X	X	X	X	X	
RFSGWBULB2	Bulb2	4/5/2012	9-19	X	X	X	X	X	X	
RFSGWCCC104	CCC1	4/10/2012	3.5-13.5	X	X	X	X	X	X	X
RFSGWCCC204	CCC2	4/10/2012	4-14	X	X	X	X	X	X	X
RFSGWCCC304	CCC3	4/10/2012	4-14	X	X	X	X	X	X	X
RFSGWCCCT04	CCCT	4/4/2012	5.5-15.5	X	X	X	X	X	X	X
RFSGWCTP04	CTP	4/3/2012	7-17	X	X	X	X	X	X	X
--	CTPdeep	NS	30-40							
RFSGWCTPS04	CTPS	4/5/2012	4-14	X	X	X	X	X	X	
RFSGWDH04A	DH	4/6/2012	3.5-13.5	X	X	X	X	X	X	
RFSGWEERC04	EERC	4/6/2012	7-17	X	X	X	X	X	X	X
RFSGWEPA04	EPA	4/6/2012	4-14	X	X	X	X	X	X	X
RFSGWEPA04D	EPA	4/6/2012	4-14	X	X	X	X	X	X	X
RFSGWETA04	ETA	4/10/2012	3.5-13.5	X	X	X	X	X	X	X
RFSGWETA04D	ETA	4/10/2012	3.5-13.5	X	X	X	X	X	X	X
RFSGWFG04	FG	4/9/2012	6-16	X	X	X	X	X	X	X
RFSGWGEO04	GEO	4/6/2012	6.5-16.5	X	X	X	X	X	X	X
RFSGWMFA	MFA	4/5/2012	3.5-13.5	X	X	X	X	X	X	
RFSGWNRLF04	NRLF	4/9/2012	9-19	X	X	X	X	X	X	X
RFSGWPZ1104	PZ11	4/5/2012	9-19	X	X	X	X	X	X	
RFSGWPZ804	PZ8	4/3/2012	8-21	X	X	X	X	X	X	X
RFSGWPZ904	PZ9	4/6/2012	9-20	X	X	X	X	X	X	X
RFSGWRWF04	RWF	4/4/2012	8-18	X	X	X	X	X	X	X
RFSGWTP104	TP1	4/5/2012	7-17	X	X	X	X	X	X	
RFSGWTP204	TP2	4/9/2012	6-16	X	X	X	X	X	X	X
RFSGWTP204D	TP2	4/9/2012	6-16	X	X	X	X	X	X	X
RFSGWWTA04	WTA	4/5/2012	4-14	X	X	X	X	X	X	

Notes:

bgs	Below ground surface	ml	Milliliters	TDS	Total dissolved solids
EPA	U.S. Environmental Protection Agency	NS	Not sampled	THP-E	Total extractable petroleum hydrocarbons
HCl	Hydrochloric acid	PAH	Polyaromatic hydrocarbons	TPH-P	Total purgeable petroleum hydrocarbons
HNO3	Nitric Acid	PCB	Polychlorinated biphenyl	VOC	Volatile organic compound
ID	Identification	SVOC	Semivolatile organic compound		

Table 2: Groundwater Elevation Data
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Piezometer Name	Sample Date	TOC Elevation (feet NGVD)	Depth to Water (feet below TOC)	Groundwater Elevation (feet NGVD)
B120	11/1/10	11.72	6.75	4.97
B120	2/10/11	11.72	4.96	6.76
B120	4/11/11	11.72	3.60	8.12
B120	10/3/11	11.72	6.51	5.21
B120	4/2/12	11.72	2.78	8.94
B121	11/1/10	14.77	10.21	4.56
B121	2/10/11	14.77	8.83	5.94
B121	4/11/11	14.77	7.34	7.43
B121	10/3/11	14.77	10.05	4.72
B121	4/2/12	14.77	6.95	7.82
B128	11/1/10	11.62	7.86	3.76
B128	2/10/11	11.62	6.95	4.67
B128	4/11/11	11.62	6.82	4.80
B128	10/3/11	11.62	7.76	3.86
B128	4/2/12	11.62	4.33	7.29
B128deep	11/1/10	12.15	8.82	3.33
B128deep	2/10/11	12.15	7.33	4.82
B128deep	4/11/11	12.15	6.71	5.44
B128deep	10/3/11	12.15	8.56	3.59
B128deep	4/2/12	12.15	6.12	6.03
B150	11/1/10	17.24	6.22	11.02
B150	2/10/11	17.24	6.04	11.20
B150	4/11/11	17.24	3.46	13.78
B150	10/3/11	17.24	8.52	8.72
B150	4/2/12	17.24	1.74	15.50
B158	11/1/10	15.88	11.08	4.80
B158	2/10/11	15.88	9.81	6.07
B158	4/11/11	15.88	8.45	7.43
B158	10/3/11	15.88	10.92	4.96
B158	4/2/12	15.88	8.20	7.68
B163	11/1/10	10.37	6.30	4.07
B163	2/10/11	10.37	5.07	5.30
B163	4/11/11	10.37	3.97	6.40
B163	10/3/11	10.37	6.04	4.33
B163	4/2/12	10.37	3.27	7.10
B175S	11/1/10	15.16	10.31	4.85
B175S	2/10/11	15.16	8.71	6.45
B175S	4/11/11	15.16	7.03	8.13
B175S	10/3/11	15.16	10.11	5.05
B175S	4/2/12	15.16	6.62	8.54
B175W	11/1/10	16.57	9.96	6.61

Table 2: Groundwater Elevation Data
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Piezometer Name	Sample Date	TOC Elevation (feet NGVD)	Depth to Water (feet below TOC)	Groundwater Elevation (feet NGVD)
B175W	2/10/11	16.57	8.20	8.37
B175W	4/11/11	16.57	5.10	11.47
B175W	10/3/11	16.57	10.24	6.33
B175W	4/2/12	16.57	3.62	12.95
B177	11/1/10	17.57	11.66	5.91
B177	2/10/11	17.57	9.69	7.88
B177	4/11/11	17.57	7.49	10.08
B177	10/3/11	17.57	11.43	6.14
B177	4/2/12	17.57	7.41	10.16
B178	11/1/10	10.67	5.61	5.06
B178	2/10/11	10.67	3.94	6.73
B178	4/11/11	10.67	2.22	8.45
B178	10/3/11	10.67	5.38	5.29
B178	4/2/12	10.67	1.60	9.07
B180	11/1/10	15.02	9.11	5.91
B180	2/10/11	15.02	7.03	7.99
B180	4/11/11	15.02	4.93	10.09
B180	10/3/11	15.02	8.82	6.20
B180	4/2/12	15.02	4.99	10.03
B185	11/1/10	10.01	5.38	4.63
B185	2/10/11	10.01	3.90	6.11
B185	4/11/11	10.01	2.53	7.48
B185	10/3/11	10.01	5.18	4.83
B185	4/2/12	10.01	1.72	8.29
B194	11/1/10	18.30	11.75	6.55
B194	2/10/11	18.30	9.19	9.11
B194	4/11/11	18.30	7.28	11.02
B194	10/3/11	18.30	11.32	6.98
B194	4/2/12	18.30	6.75	11.55
B195	11/1/10	14.28	8.66	5.62
B195	2/10/11	14.28	6.50	7.78
B195	4/11/11	14.28	6.57	7.71
B195	10/3/11	14.28	8.37	5.91
B195	4/2/12	14.28	4.23	10.05
B197	11/1/10	13.01	7.94	5.07
B197	2/10/11	13.01	6.16	6.85
B197	4/11/11	13.01	4.25	8.76
B197	10/3/11	13.01	7.70	5.31
B197	4/2/12	13.01	3.83	9.18
B277	11/1/10	14.82	10.46	4.36
B277	2/10/11	14.82	10.10	4.72

Table 2: Groundwater Elevation Data
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Piezometer Name	Sample Date	TOC Elevation (feet NGVD)	Depth to Water (feet below TOC)	Groundwater Elevation (feet NGVD)
B277	4/11/11	14.82	9.77	5.05
B277	10/3/11	14.82	10.41	4.41
B277	4/2/12	14.82	9.70	5.12
B278	11/1/10	12.75	9.14	3.61
B278	2/10/11	12.75	8.90	3.85
B278	4/11/11	12.75	8.44	4.31
B278	10/3/11	12.75	9.13	3.62
B278	4/2/12	12.75	8.19	4.56
B280A	11/1/10	14.04	10.99	3.05
B280A	2/10/11	14.04	10.84	3.20
B280A	4/11/11	14.04	10.40	3.64
B280A	10/3/11	14.04	11.07	2.97
B280A	4/2/12	14.04	10.04	4.00
B280B	11/1/10	19.59	12.98	6.61
B280B	2/10/11	19.59	12.66	6.93
B280B	4/11/11	19.59	9.98	9.61
B280B	10/3/11	19.59	13.00	6.59
B280B	4/2/12	19.59	9.55	10.04
B300	11/1/10	18.16	12.95	5.21
B300	2/10/11	18.16	11.50	6.66
B300	4/11/11	18.16	9.97	8.19
B300	10/3/11	18.16	12.40	5.76
B300	4/2/12	18.16	10.73	7.43
B38	11/1/10	15.78	9.95	5.83
B38	2/10/11	15.78	7.93	7.85
B38	4/11/11	15.78	5.85	9.93
B38	10/3/11	15.78	9.80	5.98
B38	4/2/12	15.78	5.93	9.85
B38deep	11/1/10	15.84	9.81	6.03
B38deep	2/10/11	15.84	8.10	7.74
B38deep	4/11/11	15.84	6.50	9.34
B38deep	10/3/11	15.84	9.66	6.18
B38deep	4/2/12	15.84	6.78	9.06
B450	11/1/10	21.34	14.50	6.84
B450	2/10/11	21.34	12.36	8.98
B450	4/11/11	21.34	10.20	11.14
B450	10/3/11	21.34	14.05	7.29
B450	4/2/12	21.34	11.51	9.83
B460	11/1/10	21.42	15.45	5.97
B460	2/10/11	21.42	12.58	8.84
B460	4/11/11	21.42	9.87	11.55

Table 2: Groundwater Elevation Data
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Piezometer Name	Sample Date	TOC Elevation (feet NGVD)	Depth to Water (feet below TOC)	Groundwater Elevation (feet NGVD)
B460	10/3/11	21.42	14.82	6.60
B460	4/2/12	21.42	11.44	9.98
B473	11/1/10	22.29	13.78	8.51
B473	2/10/11	22.29	11.65	10.64
B473	4/11/11	22.29	9.21	13.08
B473	10/3/11	22.29	13.23	9.06
B473	4/2/12	22.29	9.75	12.54
B474	11/1/10	23.67	15.52	8.15
B474	2/10/11	23.67	13.70	9.97
B474	4/11/11	23.67	11.55	12.12
B474	10/3/11	23.67	13.00	10.67
B474	4/2/12	23.67	11.88	11.79
B480	11/1/10	20.84	14.01	6.83
B480	2/10/11	20.84	11.78	9.06
B480	4/11/11	20.84	9.45	11.39
B480	10/3/11	20.84	13.56	7.28
B480	4/2/12	20.84	10.81	10.03
B480deep	11/1/10	21.07	9.55	11.52
B480deep	2/10/11	21.07	8.60	12.47
B480deep	4/11/11	21.07	7.16	13.91
B480deep	10/3/11	21.07	9.54	11.53
B480deep	4/2/12	21.07	7.44	13.63
B490	11/1/10	24.41	15.20	9.21
B490	2/10/11	24.41	14.08	10.33
B490	4/11/11	24.41	13.11	11.30
B490	10/3/11	24.41	15.24	9.17
B490	4/2/12	24.41	13.34	11.07
Bulb1	11/1/10	7.19	4.76	2.43
Bulb1	2/10/11	7.19	4.12	3.07
Bulb1	4/11/11	7.19	4.11	3.08
Bulb1	10/3/11	7.19	5.09	2.10
Bulb1	4/2/12	7.19	3.94	3.25
Bulb2	11/1/10	7.46	4.60	2.86
Bulb2	2/10/11	7.46	3.94	3.52
Bulb2	4/11/11	7.46	3.61	3.85
Bulb2	10/3/11	7.46	3.74	3.72
Bulb2	4/2/12	7.46	3.08	4.38
CCC1	11/1/10	15.38	10.89	4.49
CCC1	2/10/11	15.38	7.36	8.02
CCC1	4/11/11	15.38	8.65	6.73
CCC1	10/3/11	15.38	10.67	4.71

Table 2: Groundwater Elevation Data
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Piezometer Name	Sample Date	TOC Elevation (feet NGVD)	Depth to Water (feet below TOC)	Groundwater Elevation (feet NGVD)
CCC1	4/2/12	15.38	7.94	7.44
CCC2	11/1/10	14.60	10.14	4.46
CCC2	2/10/11	14.60	8.88	5.72
CCC2	4/11/11	14.60	7.31	7.29
CCC2	10/3/11	14.60	9.90	4.70
CCC2	4/2/12	14.60	7.00	7.60
CCC3	11/1/10	11.67	7.56	4.11
CCC3	2/10/11	11.67	6.33	5.34
CCC3	4/11/11	11.67	6.21	5.46
CCC3	10/3/11	11.67	7.35	4.32
CCC3	4/2/12	11.67	4.60	7.07
CCCT	11/1/10	12.13	8.42	3.71
CCCT	2/10/11	12.13	5.86	6.27
CCCT	4/11/11	12.13	4.25	7.88
CCCT	10/3/11	12.13	7.23	4.90
CCCT	4/2/12	12.13	3.78	8.35
CTP	1/12/00	17.27	11.95	5.32
CTP	2/10/11	17.27	9.61	7.66
CTP	4/11/11	17.27	7.94	9.33
CTP	10/3/11	17.27	11.72	5.55
CTP	4/2/12	17.27	10.17	7.10
CTPdeep	11/1/10	17.67	11.77	5.90
CTPdeep	2/10/11	17.67	11.22	6.45
CTPdeep	4/11/11	17.67	10.40	7.27
CTPdeep	10/3/11	17.67	12.20	5.47
CTPdeep	4/2/12	17.67	10.45	7.22
CTPS	11/1/10	15.25	12.67	2.58
CTPS	2/10/11	15.25	11.46	3.79
CTPS	4/11/11	15.25	11.68	3.57
CTPS	10/3/11	15.25	12.05	3.20
CTPS	4/2/12	15.25	7.24	8.01
DH	11/1/10	13.25	14.99	-1.74
DH	2/10/11	13.25	12.64	0.61
DH	4/11/11	13.25	9.84	3.41
DH	10/3/11	13.25	9.90	3.35
DH	4/2/12	13.25	7.84	5.41
EERC	11/1/10	21.84	8.65	13.19
EERC	2/10/11	21.84	8.56	13.28
EERC	4/11/11	21.84	7.92	13.92
EERC	10/3/11	21.84	14.26	7.58
EERC	4/2/12	21.84	11.07	10.77

Table 2: Groundwater Elevation Data
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Piezometer Name	Sample Date	TOC Elevation (feet NGVD)	Depth to Water (feet below TOC)	Groundwater Elevation (feet NGVD)
EPA	11/1/10	10.59	4.12	6.47
EPA	2/10/11	10.59	3.10	7.49
EPA	4/11/11	10.59	2.49	8.10
EPA	10/3/11	10.59	8.61	1.98
EPA	4/2/12	10.59	7.94	2.65
ETA	11/1/10	7.54	13.92	-6.38
ETA	2/10/11	7.54	13.48	-5.94
ETA	4/11/11	7.54	12.75	-5.21
ETA	10/3/11	7.54	4.62	2.92
ETA	4/2/12	7.54	1.90	5.64
FG	11/1/10	25.31	10.79	14.52
FG	2/10/11	25.31	9.04	16.27
FG	4/11/11	25.31	9.74	15.57
FG	10/3/11	25.31	13.85	11.46
FG	4/2/12	25.31	11.77	13.54
GEO	11/1/10	16.37	4.55	11.82
GEO	2/10/11	16.37	3.59	12.78
GEO	4/11/11	16.37	2.67	13.70
GEO	10/3/11	16.37	10.42	5.95
MFA	11/1/10	8.23	16.11	-7.88
MFA	2/10/11	8.23	13.45	-5.22
MFA	4/11/11	8.23	11.99	-3.76
MFA	10/3/11	8.23	4.41	3.82
MFA	4/2/12	8.23	1.98	6.25
NRLF	11/1/10	22.62	10.53	12.09
NRLF	2/10/11	22.62	8.42	14.20
NRLF	4/11/11	22.62	6.26	16.36
NRLF	10/3/11	22.62	15.83	6.79
NRLF	4/2/12	22.62	12.96	9.66

Table 2: Groundwater Elevation Data
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Piezometer Name	Sample Date	TOC Elevation (feet NGVD)	Depth to Water (feet below TOC)	Groundwater Elevation (feet NGVD)
PZ11	11/1/10	21.48	12.41	9.07
PZ11	2/10/11	21.48	NA	NA
PZ11	4/11/11	21.48	8.08	13.40
PZ11	10/3/11	21.48	12.10	9.38
PZ11	4/2/12	21.48	7.74	13.74
PZ8	11/1/10	14.12	8.45	5.67
PZ8	2/10/11	14.12	NA	NA
PZ8	4/11/11	14.12	4.56	9.56
PZ8	10/3/11	14.12	8.21	5.91
PZ8	4/2/12	14.12	4.20	9.92
PZ9	11/1/10	23.29	13.75	9.54
PZ9	2/10/11	23.29	NA	NA
PZ9	4/11/11	23.29	11.21	12.08
PZ9	10/3/11	23.29	13.52	9.77
PZ9	4/2/12	23.29	11.20	12.09
RWF	11/1/10	16.46	10.12	6.34
RWF	2/10/11	16.46	8.88	7.58
RWF	4/11/11	16.46	7.59	8.87
RWF	10/3/11	16.46	10.21	6.25
RWF	4/2/12	16.46	6.70	9.76
TP1	11/1/10	19.33	13.11	6.22
TP1	2/10/11	19.33	10.90	8.43
TP1	4/11/11	19.33	8.59	10.74
TP1	10/3/11	19.33	12.61	6.72
TP1	4/2/12	19.33	9.72	9.61
TP2	11/1/10	18.91	12.77	6.14
TP2	2/10/11	18.91	10.57	8.34
TP2	4/11/11	18.91	8.15	10.76
TP2	10/3/11	18.91	12.28	6.63
TP2	4/2/12	18.91	9.28	9.63
WTA	11/1/10	8.61	6.01	2.60
WTA	4/2/12	8.61	5.22	3.39
WTA	2/10/11	8.61	5.84	2.77
WTA	4/11/11	8.61	5.73	2.88
WTA	10/3/11	8.61	6.01	2.60

Notes:

NA	Not available
NGVD	National Geodetic Vertical Datum of 1929
TOC	Top of casing

Table 3: Piezometer Completion Summary
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Piezometer Name	Well Installation Date	Total Depth (ft bgs)	Casing Diameter (inches)	Screen Interval (ft bgs)	Development Date	Development Gallons Purged	Round 1 Sampling Date	Round 2 Sampling Date	Round 3 Sampling Date	Round 4 Sampling Date	TOC (a)	Approximate Ground Surface Elevation (a)
B120	8/2/10	14	2.0 PVC	4-14	8/19/10	26	9/9/10	4/15/11	10/4/11	4/3/2012	11.72	12.12
B121	8/3/10	18	2.0 PVC	8-18	8/16/10	53	9/8/10	4/13/11	10/4/11	4/4/2012	14.77	15.55
B128	8/12/10	16	2.0 PVC	6-16	8/31/10	33	9/23/10	4/18/11	10/4/11	4/2/2012	11.62	12.21
B128deep	8/12/10	40	2.0 PVC	30-40	9/1/10	65	10/15/10	--	--	NS	12.15	12.26
B150	8/3/10	15.5	2.0 PVC	5.5-15.5	8/17/10	28	9/8/10	4/13/11	10/5/11	4/4/2012	17.24	17.51
B158	8/11/10	15	2.0 PVC	5-15	8/18/10	19	9/8/10	4/15/11	10/5/11	4/6/2012	15.88	16.33
B163	7/26/10	17.5	2.0 PVC	7-17	8/16/10	53	9/2/10	4/12/11	10/3/11	4/2/2012	10.37	10.60
B175S	8/3/10	15	2.0 PVC	5-15	8/17/10	22	9/3/10	4/13/11	10/4/11	4/4/2012	15.16	15.45
B175W	8/3/10	15	2.0 PVC	5-15	8/17/10	32	9/8/10	4/13/11	10/4/11	4/4/2012	16.57	17.21
B177	8/11/10	19	2.0 PVC	9-19	8/31/10	32	9/23/10	4/18/11	10/5/11	4/4/2012	17.57	17.81
B178	8/2/10	14.5	2.0 PVC	4.5-14.5	8/19/10	32	9/2/10	4/15/11	10/4/11	4/3/2012	10.67	11.33
B180	8/11/10	16	2.0 PVC	6-16	8/24/10	24	9/15/10	4/13/11	10/6/11	4/4/2012	15.02	15.30
B185	8/2/10	14	2.0 PVC	4-14	8/20/10	31	9/2/10	4/15/11	10/3/11	4/2/2012	10.01	10.08
B194	7/30/10	17	2.0 PVC	7-17	8/23/10	34	9/9/10	4/13/11	10/4/11	4/4/2012	18.30	18.84
B195	7/30/10	16	2.0 PVC	6-16	8/20/10	29	9/9/10	4/13/11	10/4/11	4/3/2012	14.28	14.91
B197	7/30/10	14	2.0 PVC	4-14	8/19/10	25	9/9/10	4/13/11	10/4/11	4/3/2012	13.01	13.37
B277	7/29/10	17.5	2.0 PVC	7-17	8/19/10	25	9/15/10	4/18/11	10/5/11	4/3/2012	14.82	15.69
B278	7/29/10	16.5	2.0 PVC	6-16	8/18/10	26	9/16/10	4/19/11	10/5/11	4/5/2012	12.75	13.17
B280A	7/29/10	14.5	2.0 PVC	4-14	8/19/10	13	9/16/10	4/14/11	10/6/11	4/3/2012	14.04	14.21
B280B	8/6/10	16	2.0 PVC	6-16	8/26/10	6	10/1/10	4/14/11	10/6/11	4/3/2012	19.59	19.89
B300	7/29/10	17	2.0 PVC	7-17	8/24/10	21	9/9/10	4/15/11	10/6/11	4/9/2012	18.16	18.72
B38	8/10/10	17	2.0 PVC	7-17	8/24/10	24	9/15/10	4/19/11	10/6/11	4/4/2012	15.78	16.08
B38deep	8/10/10	41	2.0 PVC	31-41	8/24/10	47	10/18/10	--	--	NS	15.84	16.09
B450	8/5/10	16	2.0 PVC	6-16	8/25/10	10	NS	4/19/11	10/10/11	4/6/2012	21.34	21.76
B460	8/5/10	18	2.0 PVC	8-18	8/25/10	12	9/15/10	4/20/11	10/7/11	4/6/2012	21.42	21.96
B473	8/9/10	17	2.0 PVC	7-17	8/31/10	12.5	9/24/10	4/20/11	10/7/11	4/6/2012	22.29	22.50
B474	8/9/10	16	2.0 PVC	6-16	8/27/10	17.5	9/23/10	4/20/11	10/7/11	4/9/2012	23.67	21.85
B480	8/5/10	16	2.0 PVC	6-16	8/27/10	10	9/24/10	4/19/11	10/7/11	4/9/2012	20.84	21.04
B480deep	8/12/10	40	2.0 PVC	35-40	8/27/10	52	10/15/10	--	--	NS	21.07	21.19
B490	8/6/10	18	2.0 PVC	8-18	8/30/10	27	9/16/10	4/20/11	10/10/11	4/9/2012	24.41	24.95
Bulb1	9/29/10	18	2.0 PVC	8-18	10/19/10	30	10/19/10	4/12/11	9/30/11	4/5/2012	7.19	7.83
Bulb2	9/29/10	19	2.0 PVC	9-19	10/19/10	35	10/19/10	4/12/11	9/30/11	4/5/2012	7.46	7.91
CCC1	7/27/10	14	2.0 PVC	3.5-13.5	8/18/10	11.5	9/8/10	4/14/11	10/5/11	4/10/2012	15.38	15.67
CCC2	7/27/10	14	2.0 PVC	4-14	8/16/10	19	9/8/10	4/14/11	10/4/11	4/10/2012	14.60	14.75
CCC3	7/27/10	15	2.0 PVC	4-14	8/16/10	27	9/3/10	9/3/10	10/4/11	4/10/2012	11.67	12.13
CCCT	8/2/10	15.5	2.0 PVC	5.5-15.5	8/20/10	31	9/3/10	4/18/11	10/3/11	4/4/2012	12.13	13.19
CTP	7/30/10	17	2.0 PVC	7-17	8/26/10	20	9/30/10	4/14/11	10/6/11	4/3/2012	17.27	18.26
CTPdeep	8/12/10	40	2.0 PVC	30-40	8/26/10	47	10/15/10	--	--	NS	17.67	18.16
CTPS	7/28/10	14	2.0 PVC	4-14	8/19/10	7	9/30/2010, 10/1/10 and 10/18/10	4/19/11	10/10/11	4/5/2012	15.25	15.43
DH	7/27/10	13.5	2.0 PVC	3.5-13.5	8/18/10	13	9/30/10	4/14/11	10/5/11	4/6/2012	13.25	13.55
EERC	8/9/10	17	2.0 PVC	7-17	8/31/10	7.5	10/1/2010 and 10/15/10	4/20/11	10/7/11	4/6/2012	21.84	22.01
EPA	7/28/10	14	2.0 PVC	4-14	8/19/10	13.5	9/16/10	4/19/11	10/6/11	4/6/2012	10.59	11.20
ETA	7/28/10	14	2.0 PVC	3.5-13.5	9/2/10	32	9/24/10	4/12/11	9/30/11	4/10/2012	7.54	7.72
FG	8/6/10	16	2.0 PVC	6-16	8/30/10	7	9/23/10	4/19/11	10/10/11	4/9/2012	25.31	25.79
GEO	7/26/10	17.5	2.0 PVC	6.5-16.5	9/1/10	20	9/3/10	4/20/11	10/6/11	4/6/2012	16.37	16.73

Table 3: Piezometer Completion Summary
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Piezometer Name	Well Installation Date	Total Depth (ft bgs)	Casing Diameter (inches)	Screen Interval (ft bgs)	Development Date	Development Gallons Purged	Round 1 Sampling Date	Round 2 Sampling Date	Round 3 Sampling Date	Round 4 Sampling Date	TOC (a)	Approximate Ground Surface Elevation (a)
MFA	7/28/10	13.5	2.0 PVC	3.5-13.5	9/2/10	37	9/24/10	4/12/11	10/3/11	4/5/2012	8.23	8.51
NRLF	7/26/10	19.5	2.0 PVC	9-19	8/26/10	10	9/16/10	4/20/11	10/6/11	4/9/2012	22.62	22.99
PZ11	10/6/09	19	2.0 PVC	9-19	unk	unk	10/15/10	4/20/11	10/10/11	4/5/2012	21.48	21.73
PZ8	4/12/07	21	2.0 PVC	8-21	unk	unk	10/1/10	4/18/11	10/4/11	4/3/2012	14.12	14.52
PZ9	4/12/07	20	2.0 PVC	9-20	unk	unk	9/24/10	4/20/11	10/7/11	4/6/2012	23.29	23.72
RWF	8/4/10	18	2.0 PVC	8-18	8/23/10	30	9/15/10	4/18/11	10/6/11	4/4/2012	16.46	16.78
TP1	8/5/10	17	2.0 PVC	7-17	8/23/10	13	9/29/10	4/18/11	10/7/11	4/5/2012	19.33	19.91
TP2	8/4/10	16	2.0 PVC	6-16	8/23/10	20	9/29/10	4/18/11	10/7/11	4/9/2012	18.91	19.24
WTA	7/27/10	14	2.0 PVC	4-14	8/18/10	28	9/30/10	4/14/11	10/5/11	4/5/2012	8.61	8.93

Notes:
Total depth of boring assumed to be bottom of screen unless otherwise specified on boring log or well completion form.
(a) Ground surface elevation and TOC given in feet above mean sea level

ft bgs	Feet below ground surface
NS	Not Sampled
PVC	Polyvinyl chloride
TOC	Top of casing
unk	Unknown

Table 4: Groundwater Sampling Parameters Summary
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Total Dissolved Solids (mg/L)	pH	Temperature (Cel)	Specific Conductance (umhos/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
RFSGWB12004	2190	6.89	15	2.84	53.3	0.28	314
RFSGWB12104	510	6.91	15.81	0.85	19.5	0.61	291
RFSGWB12804	440	6.09	15.01	0.679	41	1.86	304
RFSGWB15004	150	6.67	14.19	0.322	32.1	880	284
RFSGWB15004D	190	--	--	--	--	--	--
RFSGWB15804	200	6.62	15.55	0.263	53.1	3.35	265
RFSGWB16304	2700	5.81	16.96	3.23	68.7	0.74	312
RFSGWB175S04	550	6.69	15.62	0.864	23	2.5	292
RFSGWB175W04	210	6.59	16.21	0.355	12.4	1.53	284
RFSGWB17704	270	6.19	15.38	0.476	40.3	4.49	288
RFSGWB17804	2190	6.84	15.38	3.01	19.5	0.36	316
RFSGWB18004	260	7.27	15.09	0.435	47.1	7.59	284
RFSGWB18504	1670	6.56	15.05	2.1	44.4	0.32	309
RFSGWB19404	570	6.84	13.13	0.928	35.4	2.22	292
RFSGWB19504	790	6.89	14.69	1.081	42.1	3.66	292
RFSGWB19704	2290	6.77	16.12	2.99	47.6	0.34	265
RFSGWB19704D	2240	--	--	--	--	--	--
RFSGWB27704	420	7.34	15.71	0.737	18.2	0.28	292
RFSGWB27804	NS	6.9	15.13	3.41	9.6	1.43	301
RFSGWB280A04	540	6.92	16.33	0.885	15.9	0.32	293
RFSGWB280B04	490	7.4	15.3	0.895	21.6	6.71	293
RFSGWB30004	1680	6.62	15.84	2.78	5	0.23	268
RFSGWB3804	240	6.54	14.5	0.408	9.2	1.72	285
RFSGWB45004	770	6.61	16.42	1.208	21.6	3.31	280
RFSGWB46004	270	6.77	14.94	0.433	5.5	1.61	275
RFSGWB47304	300	6.85	15.57	0.486	18.2	6.58	275
RFSGWB47404	250	6.81	15.38	0.369	22.6	0.25	266
RFSGWB48004	640	6.86	16.47	1.008	10	1.78	273
RFSGWB49004	550	6.95	15.67	0.905	6.1	1.66	273
RFSGWBULB104	NS	8.08	14.13	40.6	14.2	0.25	305
RFSGWBULB204	NS	7.08	14.83	8.72	28.2	0.35	301
RFSGWCCC104	640	7.03	14.87	0.999	14.2	1.61	274
RFSGWCCC204	1140	6.8	14.77	1.97	13	0.4	275
RFSGWCCC304	740	7.1	14.51	1.14	10.7	0.6	273
RFSGWCCCT04	1240	6.96	14.3	1.82	18.6	0.3	290
RFSGWCTP04	540	7.03	15.17	0.91	35.8	1.08	292
RFSGWDH04A	4580	6.26	14.86	7.26	21.8	0.23	281
RFSGWEERC04	4190	6.78	14.8	4.99	5.9	1.62	286
RFSGWEPA04	1050	7.19	15.09	1.65	3.9	0.33	281
RFSGWEPA04D	1100	--	--	--	--	--	--
RFSGWETA04	1510	7.03	13.98	2.22	115	0.4	277
RFSGWETA04D	1510	--	--	--	--	--	--
RFSGWFG04	500	6.51	16.62	0.699	21.5	5.48	273
RFSGWGEO04	570	7.14	15.02	0.951	5.3	1.3	280
RFSGWMFA04	NS	7	14.83	1.082	18.9	0.22	303
RFSGWNRLF04	430	6.9	15.5	0.713	4.1	0.38	258
RFSGWPZ1104		5.05	14.81	2.9	10.4	1.27	290
RFSGWPZ804	560	6.72	15.35	0.868	47.1	0.36	288
RFSGWPZ904	450	6.62	16.81	0.712	8.2	0.23	279
RFSGWRWF04	720	6.76	15.57	1.152	62.6	0.28	293
RFSGWTP104	NS	6.83	17.18	3.02	12	0.27	286
RFSGWTP204	820	6.76	16.5	1.221	18.3	0.56	273
RFSGWTP204D	790	--	--	--	--	--	--
RFSGWWTA04	NS	7.14	14.92	1.72	88	0.22	287

C	Celsius
ID	Identification
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Units
umhos/cm	Micromhms per centimeter

Table 5: State and Federal Water Quality Criteria in ug/L

Phase I April 2012 Groundwater Sampling Results, Technical Memorandum

University of California, Berkeley, Richmond Field Station, Richmond, California

	Human Health Risk-Based SSGs (1)			Aquatic Criteria (2)													
	Upland			Near BAPB	Uplands	Lower horizon		MCL (4)			SWRCB			EPA 2004 PRG		EPA 2010 RSL	
Chemical	On-Site Residential	On-Site Commercial /Industrial Worker	On-Site Groundskeeper /Maintenance Worker	5x Aquatic Criteria	40x Aquatic Criteria	160x Aquatic Criteria	Drinking Water Standard (3)	California	EPA	Secondary	Drinking Water Criteria (5)	Non-Drinking Water Criteria (6)	Surface Water Screening Levels, Estuary Habitats (7)	Cancer (8)	Non-cancer (8)	Tapwater (Cancer) (9)	Tapwater (Non-cancer) (9)
VOCs																	
1,1-Dichloroethene	1,900	8900	630000	160	3.2	6			7		6	25	3				340
1,2-Dichloroethane	120	360	2900	5000	99	0.5			5		0.5	200	99			0.15	640
1,2-Dichloropropane	120	370	1900	2000	39	5		5	5		5	100	10			0.39	8
2-Butanone (MEK)	2,800,000	13000000	140000000								4200	14000	8,400				7,100
Acetone	7,900,000	37000000	220000000								1500	1500	1,500				22,000
Benzene	20	61	440	3600	71	1		1	5		1	46	71			0.41	44
Carbon tetrachloride								5	5		0.5	9.3	4			0.44	86
Chlorobenzene	250,000	1100000	140000	1100000	21000	70			100		25	25	50				91
Chloroform	130	400	2500	24000	470	80					70	330	470			0.91	130
cis-1,2-Dichloroethene	7,200	34000	270000			6		6	70		6	590	22,000				370
Dibromomethane															61		
Naphthalene	210	640	90								17	24	21				
Tetrachloroethene	38	110	22	440	8.9	5		5	5		5	120	9			0.11	220
Toluene								150	1000		40	130	40				2,300
trans-1,2-Dichloroethene	6,700	31000	510000	7000000	140000	10		10	100		10	590	260				110
Trichloroethene	180	540	2700	4100	81	5		5	5		5	360	81			2	
Vinyl chloride	1	3.6	300	26000	530	0.5		0.5	2		0.5	3.8	530			0.016	72
SVOCs																	
1-Methylnaphthalene																2.3	2600
1,4-Dioxane											3	5000	5000			6.1	3700
Acenaphthene																	
Bis(2-ethylhexyl) phthalate									6		4	32	5.9			4.8	730
Fluoranthene											8	8	8				1500
Fluorene											3.9	3.9	30				1500
Naphthalene											17	24	21			0.14	6.2
Pyrene											2	2	2		180		1100
Metals																	
Aluminum								1000		200							37000
Antimony			150000	220000	1700000	6900000	6	6	6		6	30	500				15
Arsenic			110	180	1400	5800	10	10	10		36	36	0.14	0.071		0.045	11
Barium			75000000				1000	1000	2000		1000	1000	1000				7300
Beryllium								4	4		0.53	0.53	0.53				73
Boron											1.6	1.6	1.6				7300
Cadmium			190000	47	370	1500	5	5	5		0.25	0.25	9.3				18
Calcium																	
Chromium			560000000				50	50	100		50	180	180				
Cobalt											3	3	3				11
Copper			15000000	16	120	500	1300	1300	1300	1000	3.1	3.1	3.1				1500
Iron										300							26000
Lead				41	320	1300	15	15	15		2.5	2.5	5.6				
Magnesium																	
Manganese										50							880
Mercury			110000	11	84	340	2	2	2		0.025	0.025	0.025				0.57
Molybdenum											35	240	240				180
Nickel			93000000	41	330	1300	100	100			8.2	8.2	8.2				730
Potassium																	
Selenium			1900000	25	200	800	50	50	50		5	5	71				180
Silver			3100000	9.5	76	300	100			100	0.19	0.19	0.19				180
Sodium																	
Thallium			25000	320	2500	10000	2	2	2		2	4	4				
Vanadium			370000								15	19	19				180
Zinc			180000000	410	3200	13000	5000			5000	81	81	81				11000
Hardness, as CaCO3 IN mg/L																	
TPH																	
TPH as Gasoline											100	210					
TPH - Diesel Range Organics																	
TPH - Oil Range Organics																	
Explosive Residue																	
RDX																	

(1) Groundwater SSGs are developed in Appendix G of the Campus Bay Revised HHRA (EKI 2008a). The formulas used to calculate the SSGs are presented in Appendix H of the Revised HHRA.

(2) The aquatic criteria are the more stringent of the 10x Human Consumption of Aquatic organisms value and the Salt Water Aquatic Criteria Value, presented in the Quarterly Groundwater and Surface Water Monitoring Report (Arcadis 2010)
The dilution factors of 5, 40, and 160 for groundwater are developed and presented in Appendix I of the Draft Feasibility Study and Remedial Action Plans for Lots 1, 2, and 3 (EKI 2008b)

(3) The drinking water criteria are the more stringent of the federal (US EPA 2005) and California (CDHS) primary and secondary maximum contaminant levels (MCLs)
http://www.cdph.ca.gov/certlic/drinkingwater/Documents/DWdocuments/EPAandCDPH-11-28-2008.pdf

(4) http://water.epa.gov/drink/contaminants/index.cfm
Values taken from the California Regional Water Quality Control Board 2008 Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Table F-1a.

(5) (http://www.swrcb.ca.gov/sanfranciscobay/water_issues/available_documents/ESL_May_2008.pdf)
Values taken from the California Regional Water Quality Control Board 2008 Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Table F-1b.

(6) (http://www.swrcb.ca.gov/sanfranciscobay/water_issues/available_documents/ESL_May_2008.pdf)
Values taken from the California Regional Water Quality Control Board 2008 Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Table F-2c.

(7) (http://www.swrcb.ca.gov/sanfranciscobay/water_issues/available_documents/ESL_May_2008.pdf)

(8) EPA 2004 Regional Screening Levels (formerly Preliminary Remediation Goals) (http://www.epa.gov/region9/superfund/prg/)

(9) EPA 2010 Regional Screening Levels for tap water (http://www.epa.gov/reg3hwmd/risk/human/)

Table 6: April 2012 VOC Detected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	1,1-Dichloroethene	1,2-Dichloroethane	1,4-Dichlorobenzene	Benzene	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	Methyl tert butyl ether	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
On site Residential	1900	120	150	20		2.8	2.5E+05		130	7,200								38	6700	180	1.2
On-site Commercial/Industrial	8900	360	460	61		8.5	1.1E+06		400	34,000								110	31000	540	3.6
On site groundskeeper/maintenance	6.3E+05	2900	1900	440		160	1.4E+05		2,500	2.7E+05								22	5.1E+05	2700	300
5x aquatic criteria	160	5000	130000	3600		220	1.1E+06		24,000									440	7.0E+06	4100	26000
40x aquatic criteria	1,300	40,000	2600	28000		1800	8.4E+06		1.9E+05									3500	5.6E+07	32,000	2.1E+05
160x aquatic criteria	5,100	160,000	5	110,000		7,000	3.4E+07		7.5E+05									14,000	2.2E+08	1.3E+05	8.4E+05
Storm-water criteria																					
Drinking water Standards																					
California MCLs	6	0.5		1		0.5				6				13				5	10	5	0.5
Federal MCLs	7	5		5		5	100			70			1.0E+05		1.0E+05			5	100	5	2
Secondary MCLs														5							
SWRCB GW (drinking water source)	6	0.5	5	1		0.5	25	12	70	6	30		20		20			5	10	5	0.5
SWRCB GW (not drinking water source)	25	200	15	46		9.3	25	12	330	590	43		100		100			120	590	360	3.8
SWRCB Surface water (marine)	3.2	99	11	71		4.4	50	12	470	22,000	30		100		100			8.9	260	81	530
Cal-modified 2004 PRGs (cancer)																					
Cal-modified 2004 PRGs (non-cancer)																	240				
EPA 2011 RSL tapwater (cancer)		0.15		0.41		0.44			0.91					12				0.11		2	0.016
EPA 2010 RSL tapwater (non-cancer)	340						91			73									110		
RFSGWB12004	1.3 U	0.6 J	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	2.5 U	1.3 U	3	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	0.7 J	1.3 U	**190**	1.3 U
RFSGWB12104	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	2	0.5 U
RFSGWB12804	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB15004	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U
RFSGWB15004D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U
RFSGWB15804	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1.6 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB16304	0.4 J	**8.2**	0.5 U	0.4 J	0.5 U	0.5 U	7.5	1 U	2.3	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**11**	0.4 J	**78**	0.9
RFSGWB175S04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	0.5 U
RFSGWB175W04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	2.7	0.5 U	0.5 U	0.5 U
RFSGWB17704	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB17804	1.7 U	0.5 J	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	3.3 U	1.7 U	2.3	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	**170**	1.7 U
RFSGWB18004	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB18504	0.5 U	1.1	0.5 U	0.1 J	0.5 U	4.8	1.2	1 U	0.9	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.4 J	0.5 U	**95**	0.2 J
RFSGWB19404	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB19504	1 U	0.6 J	1 U	1 U	1 U	1 U	0.9 J	2 U	1 U	1.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.8	0.3 J	**120**	1 U
RFSGWB19704	0.3 J	0.7 J	1 U	1 U	1 U	1 U	1 U	2 U	1 U	2.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	0.3 J	**160**	1 U
RFSGWB19704D	1 U	0.7 J	1 U	1 U	1 U	1 U	1 U	2 U	1 U	2.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 J	0.3 J	**170**	1 U
RFSGWB27704	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB27804	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	1 U	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	**11**	0.5 U
RFSGWB280A04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.9	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB280B04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB30004	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB3804	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB45004	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 UJ	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	**26**	0.5 U
RFSGWB46004	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB47304	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	**6**	0.5 U
RFSGWB47404	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB48004	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	**14**	0.5 U
RFSGWB49004	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 6: April 2012 VOC Detected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	1,1-Dichloroethene	1,2-Dichloroethane	1,4-Dichlorobenzene	Benzene	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	Methyl tert butyl ether	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
On site Residential	1900	120	150	20		2.8	2.5E+05		130	7,200								38	6700	180	1.2
On-site Commercial/Industrial	8900	360	460	61		8.5	1.1E+06		400	34,000								110	31000	540	3.6
On site groundskeeper/maintenance	6.3E+05	2900	1900	440		160	1.4E+05		2,500	2.7E+05								22	5.1E+05	2700	300
5x aquatic criteria	160	5000	130000	3600		220	1.1E+06		24,000									440	7.0E+06	4100	26000
40x aquatic criteria	1,300	40,000	2600	28000		1800	8.4E+06		1.9E+05									3500	5.6E+07	32,000	2.1E+05
160x aquatic criteria	5,100	160,000	5	110,000		7,000	3.4E+07		7.5E+05									14,000	2.2E+08	1.3E+05	8.4E+05
Storm-water criteria																					
Drinking water Standards																					
California MCLs	6	0.5		1		0.5				6				13				5	10	5	0.5
Federal MCLs	7	5		5		5	100			70			1.0E+05		1.0E+05			5	100	5	2
Secondary MCLs														5							
SWRCB GW (drinking water source)	6	0.5	5	1		0.5	25	12	70	6	30		20		20			5	10	5	0.5
SWRCB GW (not drinking water source)	25	200	15	46		9.3	25	12	330	590	43		100		100			120	590	360	3.8
SWRCB Surface water (marine)	3.2	99	11	71		4.4	50	12	470	22,000	30		100		100			8.9	260	81	530
Cal-modified 2004 PRGs (cancer)																					
Cal-modified 2004 PRGs (non-cancer)																	240				
EPA 2011 RSL tapwater (cancer)		0.15		0.41		0.44			0.91					12				0.11		2	0.016
EPA 2010 RSL tapwater (non-cancer)	340						91			73									110		
RFSGWBULB104	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWBULB204	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	1 U	0.5 U	0.3 J	0.1 J	0.3 J	0.2 J	0.6	0.3 J	0.5 U	0.1 J	0.5 U	0.5 U	0.3 J	0.5 U
RFSGWCCC104	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWCCC204	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.5 U
RFSGWCCC304	0.5 U	0.5 U	0.5 U	0.5 U	0.5 J	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	0.5 U
RFSGWCCCT04	0.2 J	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	**85**	0.5 U
RFSGWCTP04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**14**	0.5 U	1 U	6.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U
RFSGWCTPS04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWDH04	0.5 U	0.5 U	0.5 U	0.5 U	24	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWEERC04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWEPA04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWEPA04D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWETA04	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	2.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1	**9.2**	0.5 U
RFSGWETA04D	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.9	**9.3**	0.5 U
RFSGWFG04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWGEO04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.9	0.5 U	1 U	0.8 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWMFA04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**5.4**	0.5 U
RFSGWNRLF04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**5.4**	0.5 U
RFSGWPZ1104	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.3 J	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.9	0.5 U	**9.7**	0.5 U
RFSGWPZ804	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U
RFSGWPZ904	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	0.5 U	**65 J**	0.5 U
RFSGWRWF04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	2.8	0.5 U
RFSGWTP104	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.8	0.5 U
RFSGWTP204	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	**13**	0.5 U
RFSGWTP204D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	**12**	0.5 U
RFSGWWTA04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	0.5 U	0.2 J	0.5 U

Notes:

Indicates the value exceeds both the California and Federal MCL

Indicates the value exceeds the California MCL

EPA	U.S. Environmental Protection Agency
ID	Identification
J	Estimated value
MCL	Maximum contaminant level
PRG	Preliminary Remediation Goals
RSL	Regional Screening Level
SWRCB	State Water Resources Control Board
U	Not detected
ug/L	Micrograms per liter
VOC	Volatile organic compound

Table 7: April 2012 SVOC Detected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	1,4-Dioxane	1-Methylnaphthalene	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
Federal EPA MCL											
SWRCB GW (drinking water source)	3			20			8	3.9	17		2
SWRCB GW (not drinking water source)	5000			23			8	3.9	24		2
SWRCB Surface water (marine)	5000			20000			8000	30000	21000		2000
EPA 2010 RSL tapwater (cancer)	6.1	2300							0.14		
EPA 2010 RSL tapwater (non-cancer)	3700	2.6E+06		2200			1500	1500	6.2		1100
EPA 2004 PRGs (non-cancer)				370							180
RFSGWB12004	1 U	0.1 U	9.6 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWB12104	1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWB12804	0.9 U	0.09 U	9.6 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB15004	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB15004D	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB15804	0.9 U	0.09 U	3.2 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB16304	0.09 J	0.09 U	9.6 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB175S04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB175W04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB17704	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB17804	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB18004	0.9 U	0.09 U	9.7 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB18504	4.4	0.09 U	9.6 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19404	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19504	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19704	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19704D	1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWB27704	0.1 J	0.1 U	9.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWB27804	1.1	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB280A04	0.2 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB280B04	1 U	0.1 U	9.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWB30004	0.8 J	0.09 U	9.4 U	0.09 U	0.2	0.09 U	0.09 U	0.09 U	0.02 J	0.09 U	0.09 U
RFSGWB3804	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB45004	0.5 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB46004	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB47304	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.02 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB47404	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB48004	0.1 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB49004	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWBULB104	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWBULB204	1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWCCC104	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCC204	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCC304	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCCT04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCTP04	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCTPS04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWDH04	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.03 J	0.09 U	0.09 U
RFSGWEERC04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWEPA04	0.5 J	0.05 J	9.4 U	0.2	0.09 U	0.09 U	0.04 J	0.03 J	0.4	0.02 J	0.02 J
RFSGWEPA04D	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWETA04	12	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.03 J
RFSGWETA04D	12	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.03 J
RFSGWFG04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWGEO04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWMFA04	1.2	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWNRLF04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWPZ1104	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWPZ804	0.9 U	0.09 U	9.7 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWPZ904	1	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWRWF04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWTP104	1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWTP204	0.3 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWTP204D	0.4 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWWTA04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U

Notes:

EPA	U.S. Environmental Protection Agency
ID	Identification
J	Estimated value
MCL	Maximum contaminant level
PRG	Preliminary Remediation Goals
RSL	Regional Screening Level
SVOC	Semivolatile organic compound
SWRCB	State Water Resources Control Board
U	Not detected
ug/L	Micrograms per liter

Table 8: April 2012 Metals Detected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
On site Residential																								
On-site Commercial/Industrial								560,000,00																180,000,00
On site groundskeeper/maintenance		1.5E+05	110	75,000,000		190,000		0		15,000,000					110,000		93,000,000		1,900,000	3,100,000		25,000	370,000	0
5x aquatic criteria		2.2E+05	180			47				16		41			11		41		25	9.5		320		410
40x aquatic criteria		1,700,000	1,400			370				120		320			84		330		200	76		2,500		3,200
160x aquatic criteria		6.9E+06	5,800			1,500				500		1300			340		1,300		800	300		10,000		13,000
Storm-water criteria		4300	36			1.1		180		3.1		2.5			0.003		8.2		5	1.9		6.3		81
Drinking water Standards		6	10	1,000		5		50		1,300		15			2		100		50	100		2		5,000
California MCLs	1,000	6	10	1,000	4	5		50		1,300		15			2		100		50			2		
Federal MCLs		6	10	2,000	4	5		100		1,300		15			2				50			2		
Secondary MCLs	200									1,000	300			50						100				5,000
SWRCB GW (drinking water source)		6	36	1,000	0.53	0.25		50	3	3.1		2.5			0.025	35	8.2		5	0.19		2	15	81
SWRCB GW (not drinking water source)		30	36	1,000	0.53	0.25		180	3	3.1		2.5			0.025	240	8.2		5	0.19		4	19	81
SWRCB Surface water (marine)		500	0.14	1,000	0.53	9.3		180	3	3.1		5.6			0.025	240	8.2		71	0.19		4	19	81
Cal-modified 2004 PRGs (cancer)			0.071																					
Cal-modified 2004 PRGs (non-cancer)																								
EPA 2011 RSL tapwater (cancer)			0.045																					
EPA 2010 RSL tapwater (non-cancer)	37,000	15		7,300	73	18			11	1,500	26,000			880	.63	180	180		180	180			180	11,000
RFSGWB12004	50 U	1 U	2.6 UJ	25	1 U	0.25 J	160000	0.44 J	1 U	1.6 J	50 U	1 U	160000	330	0.079 J	0.9 J	6.5	1700 U	1 U	1 U	180000	1 U	4.7	9 U
RFSGWB12104	50 U	0.45 J	0.97 J	59	1 U	1 U	47000	1.1	1 U	2.3 U	15 UJ	1 U	40000	7.6	0.2 U	0.89 J	1 U	470	0.34 UJ	1 U	68000	1 U	4.4	3.8 J
RFSGWB12804	9.6 J	0.33 UJ	0.89 UJ	57	1 U	0.94 J	24000	0.54 J	1 U	2.3 U	50 U	1 U	17000	15	0.089 J	1 U	7.2	170 U	0.58 UJ	0.6 J	83000	1 U	1.9	9 U
RFSGWB15004	6.5 J	1 U	0.39 J	35	1 U	1 U	16000	0.98 J	1 U	2.3 U	50 U	1 U	13000	1 U	0.2 U	0.22 J	0.58 J	170 U	**67**	1 U	30000	1 U	2.3	4.6 J
RFSGWB15004D	18 J	1 U	0.5 J	35	0.28 J	0.099 J	16000	0.89 J	1 U	2.3 U	15 UJ	1 U	14000	0.9 J	0.2 U	0.53 J	0.71 J	170 U	**66**	1 U	30000	1 U	3.1	9 U
RFSGWB15804	21 UJ	1 U	4.9	7.4	0.57 J	0.35 UJ	4000	2.1	1 U	2.3 U	50 U	1 U	2900	1.3	0.2 U	0.52 J	1 U	170 U	1 U	0.18 J	53000	1 U	7.3	35
RFSGWB16304	33 J	0.63 UJ	2.3 UJ	12	1 U	**6.2**	240000	1 U	4.2	2.3 U	71	1 U	200000	16000	0.23	2.4	180	1800	1.2 UJ	1 U	210000	1 U	3.3	9.1
RFSGWB16304 (TOTAL)	500	3.5	1.3	14 J	0.8 J	**7**	240000	0.92 J	5	2.3 U	570	1 U	200000 J	17000	0.22	1.2 UJ	200	990	1.3 J	1 U	220000	1 U	2.7	7.9 J
RFSGWB175S04	50 U	0.36 J	1.5	43	1 U	1 U	42000	0.29 J	1 U	2.3 U	50 U	1 U	35000	4.6	0.2 U	1 U	1 U	110 J	0.76 UJ	1 U	74000	1 U	2.3	9 U
RFSGWB175W04	130	1 U	1.1	11 J	0.36 J	1 U	12000	0.63 J	1 U	2.3 U	63 UJ	1 U	11000	4	0.2 U	3	1 U	280	1.1 UJ	1 U	45000	1 U	2	9 U
RFSGWB17704	9.2 J	1 U	0.49 J	71	1 U	1 U	19000	1 U	1 U	2.3 U	50 U	1 U	21000	0.44 J	0.2 U	0.23 J	7.1	170 U	2.6	1 U	45000	1 U	2	9.3
RFSGWB17804	20 J	0.21 UJ	3.2 UJ	25 J	1 U	0.51 J	150000	1 U	0.29 J	2.3 U	180 U	1 U	150000	1100	0.2 U	1.7	12 J	1500	0.41 UJ	1 U	250000	1 U	3.6	3.7 J
RFSGWB18004	50 U	0.31 J	3.6	6.4	1 U	1 U	4900	1.2	1 U	2.3 U	50 U	1 U	4700	0.8 J	0.2 U	1.7	1 U	98 J	0.55 UJ	1 U	78000	1 U	6.7	9 U
RFSGWB18504	14 J	0.18 UJ	2 UJ	19	1 U	0.48 J	150000	0.44 J	1 U	2.3 U	71	1 U	140000	440	0.041 J	0.77 J	5.2	780	0.89 UJ	1 U	120000	1 U	4.8	9 U
RFSGWB19404	50 U	0.23 J	0.87 J	95	1 U	1 U	48000	0.65 J	1 U	2.3 U	50 U	1 U	35000	0.36 J	0.2 U	1 U	1 U	350 U	1 U	1 U	110000	1 U	4.4	5.4 J
RFSGWB19504	50 U	1 U	1.3 UJ	19	1 U	0.16 J	68000	1.2	1 U	1.6 J	50 U	1 U	50000	8.3	**2**	0.71 J	1 U	390	1.1 UJ	1 U	69000	1 U	6.2	9 U
RFSGWB19504 (TOTAL)	7.9 J	1 U	1.4 UJ	16	1 U	1 U	61000	0.68 J	0.1 J	2.3 U	180 U	1 U	43000	7 J	**2.7**	1 U	0.41 J	740	1.3	1 U	65000	1 U	1.9	9 U
RFSGWB19704	50 U	1 U	**10**	35	1 U	1 U	180000	1 U	1	1.2 J	980	1 U	170000	2500	0.049 J	1 U	3.3	1700 U	0.44 UJ	1 U	170000	1 U	1 U	9 U
RFSGWB19704D	50 U	1 U	9	33	1 U	1 U	180000	1 U	0.97 J	1.3 J	920	1 U	160000	2400	0.062 J	1 U	2.2	1700 U	0.47 UJ	1 U	170000	1 U	1 U	9 U
RFSGWB27704	50 U	0.32 UJ	1.9 UJ	61	1 U	0.34 J	56000	1.5	1 U	2.3 U	50 U	1 U	24000	4.8	0.2 U	1.1	1 U	1000	0.56 UJ	1 U	47000	1 U	6.2	12
RFSGWB27804	50 U	1 U	2	62	1 U	1 U	270000	1.4	1 U	2.3 U	50 U	1 U	150000	19	0.036 UJ	0.79 UJ	2.7	1700 U	1 U	1 U	200000	1 U	4.1	20 U
RFSGWB280A04	50 U	1 U	1.7	110	1 U	1 U	64000	0.53 J	1 U	2.3 U	50 U	1 U	27000	6.6	0.2 U	1 U	1 U	730	1 U	1 U	62000	1 U	6.3	9 U
RFSGWB280B04	11 J	0.2 UJ	3.3 UJ	5.2	1 U	1 U	55000	1.3	1 U	0.87 J	50 U	1 U	20000	3.8	0.066 J	1 U	1 U	2900	1 U	1 U	78000	1 U	5.1	9 U
RFSGWB30004	50 U	1 U	2.3	150	1 U	0.11 J	210000	1 U	2.1	2.3 U	4600	1 U	130000	9200	0.06 UJ	1 U	7.6	3800	1 U	1 U	140000	1 U	0.51 J	53
RFSGWB3804	14 J	1 U	0.99 J	37	1 U	1 U	18000	0.6 J	1 U	2 J	19 UJ	1 U	17000	11	0.2 U	0.32 J	0.67 J	170 U	0.46 UJ	1 U	42000	1 U	3.5	6.5 J
RFSGWB45004	6.8 UJ	3.3	1.8	78	0.38 J	1 U	73000	0.94 J	1 U	1 J	50 U	1 U	61000	1.4	0.2 U	1.4	1 U	2100	1.7	1 U	79000	1 U	2.6	17 J
RFSGWB46004	8.5 UJ	0.18 J	2.7	5.4	1 U	1 U	30000	0.67 J	1 U	2.3 U	50 U	1 U	15000	35	0.2 U	0.64 J	1 U	1000	1 U	1 U	36000	1 U	2.1	17 J
RFSGWB47304	14 UJ	0.4 J	2.3	12	0.32 J	0.18 UJ	17000	1.4	1 U	0.97 J	50 U	1 U	18000	2.8	0.2 U	0.89 J	1 U	1000	1 U	1 U	59000	1 U	3.1	12 J
RFSGWB47404	50 U	0.49 J	2.7	46	1 U	0.42 J	32000	0.74 J	0.96 J	2.3 U	47 J	1 U	16000	140	0.07 UJ	8.7	6.7	2300	1 U	1 U	16000	1 U	4.7	11 J
RFSGWB47404 (TOTAL)	67	3.1	2.6	34	1 U	0.57 J	28000	0.84 J	0.89 J	6.8	150	0.97 J	14000	140	0.038 J	9.5	6	2200	0.45 J	1 U	20000	1 U	1.7	16 J
RFSGWB48004	50 U	0.23 J	2.8	75	1 U	0.65 J	51000	1.8	1 U	2.3 U	50 U	1 U	50000	3.8	0.06 UJ	1 U	3.3	1700	1 U	1 U	92000	1 U	6.8	21
RFSGWB49004	50 U	2.8	2.4	93	1 U	1 U	46000	3.2	1 U	2.3 U	37 J	1 U	50000	4.9	0.049 UJ	0.33 J	2.5	510	1 U	1 U	53000	1 U	6.7	9.8 J
RFSGWBULB104	17 J	1.2	9	120	0.25 J	0.2 J	320000	0.49 J	0.52 J	2.3 U	320	1 U	970000	640	0.2 U	6.5	2.7	270000	0.87 J	1 U	8000000	1 U	0.64 J	20 U
RFSGWBULB104 (TOTAL)	34 UJ	3.2	9.3	120	0.22 J	0.31 UJ	290000	2.5	0.38 J	2.3 U	380	1 U	860000	510	0.043 J	6.2	1.4	260000	1.1 UJ	1 U	7300000	1 U	4.5	20 U
RFSGWBULB204	17 J	0.21 J	3.1	370 J	1 U	1 U	180000 J	0.56 J	1.8	1.7 J	3100 J	1 U	190000	1600	0.047 UJ	4.2	13	37000	1.3	1 U	1500000	1 U	2.8	8.8 J
RFSGWBULB204 (TOTAL)	40 UJ	0.38 J	3.4	370 J	0.21 J	0.54 UJ	180000	0.34 J	1.7	5.2	3100	0.91 J	200000 J	1400 J	0.099 J	5.9	5.3	30000	0.46 UJ	1 U	1500000 J	1 U	2.5	15 J
RFSGWCCC104	50 U	1 U	2.5	6.8	1 U	0.27 J	44000	0.34 J	1 U	2.3 U	50 U	1 U	28000	7.7	0.043 UJ	0.24 J	3	1500	0.28 J	1 U	120000	1 U	3.9	17 J
RFSGWCCC204	50 U	1 U	1.2	35	1 U	0.34 J	120000	4.5	1 U	2.3 U	12 J	1 U	84000	200	0.059 UJ	1 U	11	1800	3.5	1 U	110000	1 U	2.3	49
RFSGWCCC204 (TOTAL)	50 U	0.2 J	1.1	29	1 U	0.24 J	96000	9.4	1 U	2.3 U	17 J	1 U	72000	140	0.043 J	0.75 J	9	2000	4.8	1 U	89000	1 U	1.6	7 J

Table 8: April 2012 Metals Detected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
On site Residential																								
On-site Commercial/Industrial								560,000,00																180,000,00
On site groundskeeper/maintenance		1.5E+05	110	75,000,000		190,000		0		15,000,000					110,000		93,000,000		1,900,000	3,100,000		25,000	370,000	0
5x aquatic criteria		2.2E+05	180			47				16		41			11		41		25	9.5		320		410
40x aquatic criteria		1,700,000	1,400			370				120		320			84		330		200	76		2,500		3,200
160x aquatic criteria		6.9E+06	5,800			1,500				500		1300			340		1,300		800	300		10,000		13,000
Storm-water criteria		4300	36			1.1		180		3.1		2.5			0.003		8.2		5	1.9		6.3		81
Drinking water Standards		6	10	1,000		5		50		1,300		15			2		100		50	100		2		5,000
California MCLs	1,000	6	10	1,000	4	5		50		1,300		15			2		100		50			2		
Federal MCLs		6	10	2,000	4	5		100		1,300		15			2				50			2		
Secondary MCLs	200									1,000	300			50						100				5,000
SWRCB GW (drinking water source)		6	36	1,000	0.53	0.25		50	3	3.1		2.5			0.025	35	8.2		5	0.19		2	15	81
SWRCB GW (not drinking water source)		30	36	1,000	0.53	0.25		180	3	3.1		2.5			0.025	240	8.2		5	0.19		4	19	81
SWRCB Surface water (marine)		500	0.14	1,000	0.53	9.3		180	3	3.1		5.6			0.025	240	8.2		71	0.19		4	19	81
Cal-modified 2004 PRGs (cancer)			0.071																					
Cal-modified 2004 PRGs (non-cancer)																								
EPA 2011 RSL tapwater (cancer)			0.045																					
EPA 2010 RSL tapwater (non-cancer)	37,000	15		7,300	73	18			11	1,500	26,000			880	.63	180	180		180	180			180	11,000
RFSGWCCC304	50 U	1 U	4.4	13	1 U	1 U	61000	0.28 J	0.73 J	2.3 U	14 J	1 U	46000	350	0.053 UJ	0.51 J	4.9	2500	1 U	1 U	95000	1 U	2.6	10 J
RFSGWCCCT04	50 U	1.4	2.6	24	1 U	1 U	110000	1 U	0.26 J	2.3 U	70 UJ	1 U	91000	210	0.2 U	2.9	1.6	1500	0.5 UJ	1 U	140000	1 U	2.9	7.5 J
RFSGWCTP04	50 U	0.27 UJ	2.1 UJ	57	1 U	0.62 J	57000	1	1 U	2.3 U	50 U	1 U	30000	110	0.2 U	1 U	1 U	1000	0.67 UJ	1 U	63000	1 U	1.9	57
RFSGWCTPS04	50 U	1 U	1.1	17	0.26 J	1 U	36000	0.37 J	1 U	1.2 J	50 U	1 U	24000	1.7	0.023 UJ	0.57 UJ	3.1	430	1 U	0.37 J	62000	1 U	2.1	20 U
RFSGWDH04A	34 UJ	0.21 J	**18**	88	1 U	0.46 UJ	510000	1.5	12	2.3 U	10000	1 U	390000	19000	0.066 J	1.6	56	7900	1 U	1 U	560000	1 U	2.2	25
RFSGWEERC04	7 UJ	0.34 J	2.6	23	0.28 J	1 U	330000	0.62 J	1 U	0.86 J	50 U	1 U	270000	23	0.2 U	1.5	1 U	3300	0.35 J	1 U	440000	1 U	3.6	7.6 J
RFSGWEERC04 (TOTAL)	19 J	2.9	2.4	25	1 U	0.13 J	320000	0.74 J	1 U	0.96 J	36 UJ	1 U	260000	45	0.2 U	2.9	2.7	3500	0.78 J	1 U	430000	1 U	3.1	20 U
RFSGWEPA04	50 U	1 U	1.9	45	1 U	1 U	100000	1 U	0.44 J	2.3 U	66 UJ	1 U	48000	520	0.2 U	1.4	1 U	1700	1 U	1 U	150000	1 U	1	15 J
RFSGWEPA04D (TOTAL)	50 U	1 U	1.8	51	0.44 J	1 U	120000	0.86 J	0.91 J	1.2 J	50 U	1 U	45000	410	0.2 U	1.4	1 U	1300	1 U	1 U	160000	1 U	1.3	8.1 J
RFSGWETA04	50 U	1 U	5.5	20	1 U	0.45 J	150000	0.23 J	2.4	2.3 U	410	1 U	130000	5100	0.083 UJ	1.8	3.8	1300	1 U	1 U	190000	1 U	0.99 J	57
RFSGWETA04 (TOTAL)	140	0.4 J	5.7	21	0.64 J	0.7 J	120000	0.4 J	2.7	2.9	930	0.94 J	90000	4900	0.78	3	4	780	1 U	0.74 J	110000	0.28 J	1.1	54
RFSGWETA04D	50 U	1 U	5.9	20	1 U	0.73 J	140000	0.23 J	2.2	2.3 U	390	1 U	110000	4800	0.095 UJ	2	3.6	1200	1 U	1 U	170000	1 U	1.1	55
RFSGWETA04D (TOTAL)	120	0.37 J	5.3	20	1 U	0.47 J	110000	0.35 J	2.7	2.6	880	0.56 J	87000	4900	0.64	3	3.9	1200	1 U	1 U	110000	1 U	0.96 J	49
RFSGWFG04	50 U	1 U	1.4	15 J	1 U	1 U	25000	0.48 J	1 U	2.3 U	35 J	1 U	29000	1.8	0.032 UJ	1 U	1 U	420	0.28 J	1 U	75000	1 U	4.2	20 U
RFSGWFG04 (TOTAL)	150	1 U	1.4	16	1 U	0.11 J	25000	0.73 J	0.24 J	1 J	200	1 U	27000	13	0.2 U	0.8 UJ	2.1	810	1 U	1 U	73000	1 U	1.9	20 U
RFSGWGEO04	15 UJ	1 U	1.6	94	0.26 J	0.17 UJ	67000	0.62 J	1 U	2.3 U	50 U	1 U	33000	27	0.2 U	1.6	1 U	810	1 U	1 U	71000	1 U	4.6	36
RFSGWMFA04	50 U	0.79 J	2.3	31	1 U	0.57 J	47000	1 U	0.92 J	1.6 J	5.8 UJ	1 U	43000	270	0.52	5.4	9.4	200	1 U	1 U	130000	0.21 J	6.4	20 U
RFSGWNRLF04	50 U	0.61 J	2.9	58	1 U	1 U	47000	1 U	0.64 J	2.3 U	180	1 U	25000	210	0.053 UJ	1 U	4.9	1300	1 U	1 U	54000	1 U	0.89 J	11 J
RFSGWPZ1104	600	1 U	1.1	11	1.1	**22**	160000	1.9	1.5	800	17 UJ	1 U	200000	6600	0.049 UJ	1 U	1400	170 U	0.35 J	1 U	170000	1 U	1	7600
RFSGWPZ1104 (TOTAL)	740	0.18 J	0.5 J	10	0.98 J	**19**	130000	68 U	1.4	770	50 U	1 U	180000	5400	0.03 J	0.41 UJ	1200	170 U	0.48 UJ	1 U	160000	1 U	0.4 J	6600
RFSGWPZ804	50 U	1 U	2.1 UJ	88	1 U	0.48 J	44000	1	1 U	1.6 J	50 U	1 U	42000	4.5	0.2 U	1 U	1 U	130 J	0.44 J	1 U	56000	1 U	3.1	9 U
RFSGWPZ904	26 UJ	0.32 J	3	130 J	1 U	1 U	47000	1 U	1	2.3 U	92 UJ	1 U	44000	2900 J	0.026 J	1.7	1 U	170 U	1 U	1 U	53000	1 U	0.47 J	8.3 J
RFSGWRWF04	50 U	0.18 J	2.2	150	0.21 J	1.1	71000	0.47 J	0.52 J	1 J	28 UJ	1 U	57000	290	0.029 J	0.86 J	2.9	2300	1 U	1 U	70000	1 U	3.9	120
RFSGWTP104	50 U	1 U	8.4	54	1 U	1 U	180000	1 U	6.5	1.1 J	1200	1 U	120000	3400	0.2 UJ	2.7	20	1300	1 U	1 U	290000	1 U	1.1	20 U
RFSGWTP204	50 U	0.28 J	1.3	89	1 U	0.42 J	77000	1.7	1 U	2.3 U	5.3 J	1 U	66000	5.4	0.054 UJ	1 U	4.1	1800	1 U	1 U	75000	1 U	5.7	8.5 J
RFSGWTP204D	50 U	1 U	1.9	91	1 U	0.22 J	78000	1.7	1 U	2.3 U	50 U	1 U	67000	6.1	0.058 UJ	1 U	3.4	1500	0.28 J	1 U	79000	1 U	6.8	8.7 J
RFSGWWTA04	17 J	1 U	2.4	55	1 U	1 U	100000	5.8	1 U	2.3 U	8.1 UJ	1 U	60000	26	0.03 UJ	1.3 UJ	1.1	990	1 U	1 U	150000	1 U	5.1	20 U
RFSGWWTA04 (TOTAL)	87 UJ	0.23 J	2.3	48	1 U	0.35 UJ	90000	5.2	1 U	2.3 U	68 UJ	1 U	55000	46	0.2 U	1.5 UJ	1 U	500	0.97 UJ	1 U	140000	1 U	3.9	6.7 J

Notes

Indicates the value exceeds both the California and Federal MCL

Indicates the value exceeds the California MCL

EPA	U.S. Environmental Protection Agency
ID	Identification
J	Estimated value
MCL	Maximum Contaminant Level
PRG	Preliminary Remediation Goals
RSL	Regional Screening Levels
SWRCB	State Water Resources Control Board
U	Not detected
ug/L	Micrograms per liter

Table 9: April 2012 TPH Detected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	TPH - Diesel Range Organics	TPH as Gasoline	TPH - Oil Range Organics
SWRCB GW (drinking water source)	100		
SWRCB GW (not drinking water source)	210		
RFSGWB12004	50 U	97 UJ	300 U
RFSGWB12104	50 U	50 UJ	300 U
RFSGWB12804	50 UJ	50 UJ	300 U
RFSGWB15004	50 U	50 UJ	300 U
RFSGWB15004D	50 U	50 UJ	300 U
RFSGWB15804	50 U	50 UJ	300 U
RFSGWB16304	50 UJ	50 UJ	300 U
RFSGWB175S04	50 U	50 UJ	300 U
RFSGWB175W04	50 U	50 UJ	300 U
RFSGWB17704	50 U	50 UJ	300 U
RFSGWB17804	11 J	94 UJ	300 U
RFSGWB18004	50 U	50 UJ	300 U
RFSGWB18504	50 U	50 UJ	300 U
RFSGWB19404	50 U	50 UJ	300 U
RFSGWB19504	50 U	88 UJ	300 U
RFSGWB19704	50 U	92 UJ	300 U
RFSGWB19704D	50 U	95 UJ	300 U
RFSGWB27704	50 U	50 UJ	300 U
RFSGWB27804	10 J	50 UJ	300 U
RFSGWB280A04	50 U	50 UJ	300 U
RFSGWB280B04	50 U	50 UJ	300 U
RFSGWB30004	8.6 J	50 UJ	300 U
RFSGWB3804	50 U	50 UJ	300 U
RFSGWB45004	50 U	50 UJ	300 U
RFSGWB46004	50 U	50 UJ	300 U
RFSGWB47304	50 U	50 UJ	300 U
RFSGWB47404	50 U	50 UJ	300 U
RFSGWB48004	50 U	50 UJ	300 U
RFSGWB49004	8 J	50 UJ	300 U
RFSGWBULB104	50 U	50 UJ	300 U
RFSGWBULB204	13 J	50 UJ	300 U
RFSGWCCC104	49 U	50 UJ	290 U
RFSGWCCC204	49 U	50 UJ	290 U
RFSGWCCC304	49 U	50 UJ	290 U
RFSGWCCCT04	50 U	54 UJ	300 U
RFSGWCTP04	50 U	50 UJ	300 U
RFSGWCTPS04	13 J	50 UJ	300 U
RFSGWDH04A	8.5 J	50 UJ	300 U
RFSGWEERC04	50 U	50 UJ	300 U
RFSGWEPA04	50 U	50 UJ	300 U
RFSGWEPA04D	50 U	50 UJ	300 U
RFSGWETA04	49 U	50 UJ	290 U
RFSGWETA04D	49 U	50 UJ	290 U
RFSGWFG04	50 U	50 UJ	300 U
RFSGWGEO04	50 U	50 UJ	300 U
RFSGWMFA04	50 U	50 UJ	300 U
RFSGWNRLF04	50 U	50 UJ	300 U
RFSGWPZ1104	50 U	50 UJ	300 U
RFSGWPZ804	50 U	50 UJ	300 U
RFSGWPZ904	50 U	50 UJ	300 U
RFSGWRWF04	50 U	50 UJ	300 U
RFSGWTP104	13 J	50 UJ	300 U
RFSGWTP204	50 U	50 UJ	300 U
RFSGWTP204D	50 U	50 UJ	300 U
RFSGWWTA04	9.9 J	50 UJ	300 U

Notes:

ID	Identification
J	Estimated value
SWRCB	State Water Resources Control Board
TPH	Total petroleum hydrocarbons
U	Not detected
ug/L	Micrograms per liter

Table 10: Complete VOC Detected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	1,4-Dichlorobenzene	2-Butanone (MEK)	4-Methyl-2-pentanone	Acetone	Benzene	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	Methyl tert butyl ether	Methylene chloride	tert-Butyl methyl ether (MTBE)	Naphthalene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
On site Residential	1900	120	120	150	2.8E+06		7.9E+06	20		2.8	2.5E+05	130		7,200						-	210				38	3500	6700	180	1.2
On-site Commercial/Industrial	8900	360	370	460	1.3E+07		3.7E+07	61		8.5	1.1E+06	400		34,000							640				110	1.6E+05	31000	540	3.6
On site groundskeeper/maintenance	6.3E+05	2900	1900	1900	140000000		220000000	440		160	1.4E+05	2,500		2.7E+05							90				22	5.7E+05	5.1E+05	2700	300
5x aquatic criteria	160	5000	2000	130000				3600		220	1.1E+06	24,000													440	1.0E+07	7.0E+06	4100	26000
40x aquatic criteria	1,300	40,000	16,000	2600				28000		1800	8.4E+06	1.9E+05													3500	8.0E+07	5.6E+07	32,000	2.1E+05
160x aquatic criteria	5,100	160,000	62,000	5				110,000		7,000	3.4E+07	7.5E+05													14,000	3.2E+08	2.2E+08	1.3E+05	8.4E+05
Storm-water criteria																														
Drinking water Standards																														
California MCLs	6	0.5	5					1		0.5				6					13						5	150	10	5	0.5
Federal MCLs	7	5	5					5		5	100			70			1.0E+05								5	1000	100	5	2
Secondary MCLs																			5											
SWRCB GW (drinking water source)	6	0.5	5	5	4200		1500	1	9.8	0.5	25	70	41	6	30		20			5	17				5	40	10	5	0.5
SWRCB GW (not drinking water source)	25	200	100	15	14,000		1,500	46	160	9.3	25	330	41	590	43		100			1800	24				120	130	590	360	3.8
SWRCB Surface water (marine)	3.2	99	10	11	8400		1500	71	3200	4.4	50	470	3200	22,000	30		100			180	21				8.9	40	260	81	530
Cal-modified 2004 PRGs (cancer)																														
Cal-modified 2004 PRGs (non-cancer)																							240	240						
EPA 2011 RSL tapwater (cancer)		0.15	0.39					0.41		0.44		0.91							12		0.14				0.11			2	0.016
EPA 2010 RSL tapwater (non-cancer)	340						22000		8.7		91			73												2300	110			
RFSGWB12001	0.5 U	0.6	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	3.1	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	**210**	0.5 U
RFSGWB12002	1.3 U	0.5 J	1.3 U	1.3 U	25 U	25 U	25 U	1.3 U	2.5 U	1.3 U	1.3 U	1.3 U	0.3 J	2.5 U	3.6	1.3 U	1.3 U	1.3 U	1.3 U	25 U	5 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	**170**	1.3 U
RFSGWB12003	2 U	0.6 J	2 U	2 U	40 U	40 U	40 U	2 U	4 U	2 U	2 U	2 U	2 U	4 U	3.5	2 U	2 U	2 U	2 U	40 U	2 U	8 U	2 U	2 U	2 U	0.4 J	2 U	0.4 J	**180**	2 U
RFSGWB12004	1.3 U	0.6 J	1.3 U	1.3 U	25 U	25 U	25 U	1.3 U	2.5 U	1.3 U	1.3 U	1.3 U	1.3 U	2.5 U	3	1.3 U	1.3 U	1.3 U	1.3 U	25 U	5 U	1.3 U	1.3 U	1.3 U	1.3 U	0.7 J	1.3 U	1.3 U	**190**	1.3 U
RFSGWB12101	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	2.0 J	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	0.8	0.5 UJ
RFSGWB12102	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	1.1	0.5 U
RFSGWB12103	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	1.8	0.5 U
RFSGWB12104	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.1 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	2	0.5 U
RFSGWB12801	0.5 U	0.5 U	0.5 U	0.5 U	43	--	11 J	0.5 U	0.5 U	--	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB12801-D	0.5 U	0.5 U	0.5 U	0.5 U	49	--	14 J	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB12802	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB12803	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB12804	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB15001	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	1.4	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
RFSGWB15002	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB15003	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.6	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB15003D	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB15004	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB15004D	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB15801	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	4.0	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
RFSGWB15802	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	1.6	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB15803	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	2	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB15804	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	1.6 UJ	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB16301	0.3 J	8.5	0.5 U	0.5 U	4.0 U	--	2.7 J	0.2 J	0.5 U	--	0.5 U	6.5	2.1	0.5 U	3.0	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	**8.4**	0.5 U	0.3 J	**100**	0.7
RFSGWB16302	0.6	**9**	0.5 U	0.5 U	10 U	10 U	10 U	0.3 J	1 U	0.5 U	0.5 U	8.4	2.3	1 U	3.2	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	**9.5**	0.5 U	0.4 J	**77 J**	1.2
RFSGWB16303	0.4 J	**7.1**	0.5 U	0.5 U	10 U	10 U	10 U	0.3 J	1 U	0.5 U	0.5 U	7.6	2.4	1 U	3.6	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	**12**	0.5 U	0.4 J	**70**	0.8
RFSGWB16304	0.4 J	**8.2**	0.5 U	0.5 U	10 U	10 U	10 U	0.4 J	1 U	0.5 U	0.5 U	7.5	2.3	1 U	3	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	**11**	0.5 U	0.4 J	**78**	0.9
RFSGWB175S01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	2.5 J	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	**7.9**	0.5 U
RFSGWB175S02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**5.3**	0.5 U
RFSGWB175S03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	**8.6**	0.5 U
RFSGWB175S04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	0.5 U
RFSGWB175W01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.4 J	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	1.4	0.5 U	0.5 U	0.5 U	0.5 UJ
RFSGWB175W02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.2 J	1 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB175W03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.2 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	1.6	0.5 U	0.5 U	0.1 J	0.5 U
RFSGWB175W04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.3 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	2.7	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB17701	0.5 UJ	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 UJ	0.5 U	0.5 UJ	--	0.5 U	0.5 U	9.5	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB17702	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	2.7	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB17703	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	6.5	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB17704	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.9	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB17801	0.5 U	0.5	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.2 J	0.5 U	2.5	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.4 J	**360**	0.5 U
RFSGWB17802	1.3 U	0.4 J	1.3 U	1.3 U	25 U	25 U	25 U	1.3 U	2.5 U	1.3 U	1.3 U	1.3 U	0.4 J	2.5 U	2.7	1.3 U	1.3 U	1.3 U	1.3 U	25 U	5 U	1.3 U	1.3 U	1.3 U	1.3 U	0.3 J	1.3 U	1.3 U	**160**	1.3 U
RFSGWB17803	1.3 U	0.5 J	1.3 U	1.3 U	25 U	25 U	25 U	1.3 U	2.5 U	1.3 U	1.3 U	1.3 U	1.3 U	2.5 U	3.2	1.3 U	1.3 U	1.3 U	1.3 U	25 U	1.3 U	5 U	1.3 U	1.3 U	1.3 U	0.3 J	1.3 U	0.5 J	**170**	1.3 U
RFSGWB17804	1.7 U	0.5 J	1.7 U	1.7 U	33 U	33 U	33 U	1.7 U	3.3 U	1.7 U	1.7 U	1.7 U	1.7 U	3.3 U	2.3	1.7 U	1.7 U	1.7 U	1.7 U	33 U	6.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	**170**	1.7 U

Table 10: Complete VOC Detected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	1,4-Dichlorobenzene	2-Butanone (MEK)	4-Methyl-2-pentanone	Acetone	Benzene	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	Methyl tert butyl ether	Methylene chloride	tert-Butyl methyl ether (MTBE)	Naphthalene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
On site Residential	1900	120	120	150	2.8E+06		7.9E+06	20		2.8	2.5E+05	130		7,200						-	210				38	3500	6700	180	1.2
On-site Commercial/Industrial	8900	360	370	460	1.3E+07		3.7E+07	61		8.5	1.1E+06	400		34,000							640				110	1.6E+05	31000	540	3.6
On site groundskeeper/maintenance	6.3E+05	2900	1900	1900	140000000		220000000	440		160	1.4E+05	2,500		2.7E+05							90				22	5.7E+05	5.1E+05	2700	300
5x aquatic criteria	160	5000	2000	130000				3600		220	1.1E+06	24,000													440	1.0E+07	7.0E+06	4100	26000
40x aquatic criteria	1,300	40,000	16,000	2600				28000		1800	8.4E+06	1.9E+05													3500	8.0E+07	5.6E+07	32,000	2.1E+05
160x aquatic criteria	5,100	160,000	62,000	5				110,000		7,000	3.4E+07	7.5E+05													14,000	3.2E+08	2.2E+08	1.3E+05	8.4E+05
Storm-water criteria																														
Drinking water Standards																														
California MCLs	6	0.5	5					1		0.5				6					13						5	150	10	5	0.5
Federal MCLs	7	5	5					5		5	100			70			1.0E+05								5	1000	100	5	2
Secondary MCLs																			5											
SWRCB GW (drinking water source)	6	0.5	5	5	4200		1500	1	9.8	0.5	25	70	41	6	30		20			5	17				5	40	10	5	0.5
SWRCB GW (not drinking water source)	25	200	100	15	14,000		1,500	46	160	9.3	25	330	41	590	43		100			1800	24				120	130	590	360	3.8
SWRCB Surface water (marine)	3.2	99	10	11	8400		1500	71	3200	4.4	50	470	3200	22,000	30		100			180	21				8.9	40	260	81	530
Cal-modified 2004 PRGs (cancer)																														
Cal-modified 2004 PRGs (non-cancer)																							240	240						
EPA 2011 RSL tapwater (cancer)		0.15	0.39					0.41		0.44		0.91							12		0.14				0.11			2	0.016
EPA 2010 RSL tapwater (non-cancer)	340						22000		8.7		91			73												2300	110			
RFSGWB18001	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	1.8	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB18002	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.3 J	1 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB18003	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.4 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3 J	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB18003D	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.4 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.4 J	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB18004	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.1 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB18501	0.5 U	1.4	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	4.3	1.2	1.3	0.5 U	1.0	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	**150**	0.2 J
RFSGWB18502	0.7 U	1	0.7 U	0.7 U	14 U	14 U	14 U	0.7 U	1.4 U	0.7 U	3.5	1	0.8	1.4 U	1	0.7 U	0.7 U	0.7 U	0.2 J	14 U	2.9 U	0.7 U	0.7 U	0.7 U	0.7 U	0.3 J	0.7 U	0.7 U	**77**	0.2 J
RFSGWB18502D	0.2 J	1.3	0.5 U	0.5 U	10 U	10 U	10 U	0.1 J	1 U	0.5 U	4.7	1.1	1.2	1 U	1.5	0.5 U	0.5 U	0.5 U	0.3 J	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.2 J	**93**	0.1 J
RFSGWB18503	0.2 J	1.6	0.5 U	0.5 U	10 U	10 U	10 U	0.1 J	1 U	0.5 U	5.6	1.6	1.4	1 U	1.4	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.2 J	2 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.2 J	**94**	0.3 J
RFSGWB18503D	0.3 J	1.1	0.7 U	0.7 U	14 U	14 U	14 U	0.7 U	1.4 U	0.7 U	4.1	1.1	1	1.4 U	1.3	0.7 U	0.7 U	0.7 U	0.7 U	14 U	0.2 J	2.9 U	0.7 U	0.7 U	0.7 U	0.4 J	0.7 U	0.2 J	**77**	0.7 U
RFSGWB18504	0.5 U	1.1	0.5 U	0.5 U	10 U	10 U	10 U	0.1 J	1 U	0.5 U	4.8	1.2	0.9	1 U	1.1	0.5 U	0.5 U	0.5 U	0.2 J	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	**95**	0.2 J
RFSGWB19401	0.5 U	0.5 U	0.5 U	0.5 U	2.1 J	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0	0.5 UJ
RFSGWB19402	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB19403	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB19404	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB19501	0.5 U	1.0	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 UJ	3.7	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	3.1	0.5 U	0.4 J	**140**	0.5 UJ
RFSGWB19502	0.5 U	0.3 J	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1.4	0.5 U	0.5 U	0.5 U	0.5 U	10 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	2.2	0.5 U	0.2 J	**68**	0.5 U
RFSGWB19502D	0.7 U	0.2 J	0.7 U	0.7 U	14 U	14 U	14 U	0.7 U	1.4 U	0.7 U	0.7 U	0.7 U	0.7 U	1.4 UJ	1	0.7 U	0.7 U	0.7 U	0.7 U	14 U	2.9 U	0.7 U	0.7 U	0.7 U	0.7 U	1.7	0.7 U	0.7 U	**65**	0.7 U
RFSGWB19503	1.3 U	0.7 J	1.3 U	1.3 U	25 U	25 U	25 U	1.3 U	2.5 U	1.3 U	1.3 U	0.9 J	1.3 U	2.5 U	4.1	1.3 U	1.3 U	0.4 J	1.3 U	25 U	1.3 U	5 U	1.3 U	1.3 U	1.3 U	3	1.1 J	0.5 J	**170**	1.3 U
RFSGWB19504	1 U	0.6 J	1 U	1 U	20 U	20 U	20 UJ	1 U	2 U	1 U	1 U	0.9 J	1 U	2 U	1.7	1 U	1 U	1 U	1 U	20 U	4 U	1 U	1 U	1 U	1 U	2.8	1 U	0.3 J	**120**	1 U
RFSGWB19701	0.5 U	0.5	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	2.8	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	1.0	0.5 U	0.4 J	**200**	0.5 U
RFSGWB19701-D	0.5 U	0.5	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	2.9	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	1.0	0.5 U	0.4 J	**170**	0.5 U
RFSGWB19702	1.7 U	1.7 U	1.7 U	1.7 U	33 U	33 U	33 U	1.7 U	3.3 U	1.7 U	1.7 U	1.7 U	1.7 U	3.3 UJ	2.2	1.7 U	1.7 U	1.7 U	1.7 U	33 U	6.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	**150**	1.7 U
RFSGWB19703	1.7 U	0.4 J	1.7 U	1.7 U	33 U	33 U	33 U	1.7 U	3.3 U	1.7 U	1.7 U	1.7 U	1.7 U	3.3 U	3.6	1.7 U	1.7 U	1.7 U	1.7 U	33 U	1.7 U	6.7 U	1.7 U	1.7 U	1.7 U	1.1 J	1.7 U	0.4 J	**170**	1.7 U
RFSGWB19704	0.3 J	0.7 J	1 U	1 U	20 U	20 U	20 UJ	1 U	2 U	1 U	1 U	1 U	1 U	2 U	2.3	1 U	1 U	1 U	1 U	20 U	4 U	1 U	1 U	1 U	1 U	1.1	1 U	0.3 J	**160**	1 U
RFSGWB19704D	1 U	0.7 J	1 U	1 U	20 U	20 U	20 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	2.5	1 U	1 U	1 U	1 U	20 U	4 U	1 U	1 U	1 U	1 U	0.9 J	1 U	0.3 J	**170**	1 U
RFSGWB27701	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB27702	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	1	0.5 U	0.3 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB27703	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.8	0.5 U	0.3 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB27704	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB27801	0.5 U	0.5 U	0.5 U	0.5 U	12	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	1.7	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**13 J**	0.5 U
RFSGWB27802	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.3 J	0.5 U	2.1	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	**15**	0.5 U
RFSGWB27803	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.1 J	0.5 U	0.9	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**11**	0.5 U
RFSGWB27804	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.2 J	0.5 U	1	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	**11**	0.5 U

Table 10: Complete VOC Detected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	1,4-Dichlorobenzene	2-Butanone (MEK)	4-Methyl-2-pentanone	Acetone	Benzene	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	Methyl tert butyl ether	Methylene chloride	tert-Butyl methyl ether (MTBE)	Naphthalene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
On site Residential	1900	120	120	150	2.8E+06		7.9E+06	20		2.8	2.5E+05	130		7,200						-	210				38	3500	6700	180	1.2
On-site Commercial/Industrial	8900	360	370	460	1.3E+07		3.7E+07	61		8.5	1.1E+06	400		34,000							640				110	1.6E+05	31000	540	3.6
On site groundskeeper/maintenance	6.3E+05	2900	1900	1900	140000000		220000000	440		160	1.4E+05	2,500		2.7E+05							90				22	5.7E+05	5.1E+05	2700	300
5x aquatic criteria	160	5000	2000	130000				3600		220	1.1E+06	24,000													440	1.0E+07	7.0E+06	4100	26000
40x aquatic criteria	1,300	40,000	16,000	2600				28000		1800	8.4E+06	1.9E+05													3500	8.0E+07	5.6E+07	32,000	2.1E+05
160x aquatic criteria	5,100	160,000	62,000	5				110,000		7,000	3.4E+07	7.5E+05													14,000	3.2E+08	2.2E+08	1.3E+05	8.4E+05
Storm-water criteria																														
Drinking water Standards																														
California MCLs	6	0.5	5					1		0.5				6					13						5	150	10	5	0.5
Federal MCLs	7	5	5					5		5	100			70			1.0E+05								5	1000	100	5	2
Secondary MCLs																			5											
SWRCB GW (drinking water source)	6	0.5	5	5	4200		1500	1	9.8	0.5	25	70	41	6	30		20			5	17				5	40	10	5	0.5
SWRCB GW (not drinking water source)	25	200	100	15	14,000		1,500	46	160	9.3	25	330	41	590	43		100			1800	24				120	130	590	360	3.8
SWRCB Surface water (marine)	3.2	99	10	11	8400		1500	71	3200	4.4	50	470	3200	22,000	30		100			180	21				8.9	40	260	81	530
Cal-modified 2004 PRGs (cancer)																														
Cal-modified 2004 PRGs (non-cancer)																							240	240						
EPA 2011 RSL tapwater (cancer)		0.15	0.39					0.41		0.44		0.91							12		0.14				0.11			2	0.016
EPA 2010 RSL tapwater (non-cancer)	340						22000		8.7		91			73												2300	110			
RFSGWB280A01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.9	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB280A02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	1.1	0.5 U	0.2 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB280A03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	1.4	0.5 U	0.1 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.4 J	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB280A04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.9	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB280B01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.8	0.5 U
RFSGWB280B02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.1 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB280B03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.4 J	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB280B04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB30001	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	0.5 UJ
RFSGWB30002	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB30003	0.5 U	0.5 U	0.5 U	0.5 U	10 U	1.5 J	10 U	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	5.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	1.6 J	3.5	0.5 U	0.1 J	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB30004	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB3801	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB3802	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB3802D	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.1 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB3803	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	4.2 J	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U	3.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB3804	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB45002	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.2 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	**5**	0.5 U
RFSGWB45003	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	0.9 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.2 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	**6.7**	0.5 U
RFSGWB45004	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 UJ	1 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	**26**	0.5 U
RFSGWB46001	0.5 U	0.5 U	0.5 U	0.5 U	27	--	22	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB46002	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB46003	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	1.4 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB46004	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB47301	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 UJ	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**12**	0.5 U
RFSGWB47302	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.4	0.5 U
RFSGWB47303	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	1.2 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	**6.1**	0.5 U
RFSGWB47304	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	6	0.5 U
RFSGWB47401	0.5 U	0.5 U	0.5 U	0.5 U	180	--	40 J	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB47402	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U
RFSGWB47403	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	2.7 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB47404	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB48001	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	3.2 J	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**10**	0.5 U
RFSGWB48002	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	**9.1**	0.5 U
RFSGWB48003	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	1.3 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.9	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	**13**	0.5 U
RFSGWB48004	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	**14**	0.5 U
RFSGWB49001	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB49002	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB49003	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	0.9 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB49004	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 10: Complete VOC Detected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	1,4-Dichlorobenzene	2-Butanone (MEK)	4-Methyl-2-pentanone	Acetone	Benzene	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	Methyl tert butyl ether	Methylene chloride	tert-Butyl methyl ether (MTBE)	Naphthalene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
On site Residential	1900	120	120	150	2.8E+06		7.9E+06	20		2.8	2.5E+05	130		7,200						-	210				38	3500	6700	180	1.2
On-site Commercial/Industrial	8900	360	370	460	1.3E+07		3.7E+07	61		8.5	1.1E+06	400		34,000							640				110	1.6E+05	31000	540	3.6
On site groundskeeper/maintenance	6.3E+05	2900	1900	1900	140000000		220000000	440		160	1.4E+05	2,500		2.7E+05							90				22	5.7E+05	5.1E+05	2700	300
5x aquatic criteria	160	5000	2000	130000				3600		220	1.1E+06	24,000													440	1.0E+07	7.0E+06	4100	26000
40x aquatic criteria	1,300	40,000	16,000	2600				28000		1800	8.4E+06	1.9E+05													3500	8.0E+07	5.6E+07	32,000	2.1E+05
160x aquatic criteria	5,100	160,000	62,000	5				110,000		7,000	3.4E+07	7.5E+05													14,000	3.2E+08	2.2E+08	1.3E+05	8.4E+05
Storm-water criteria																														
Drinking water Standards																														
California MCLs	6	0.5	5					1		0.5				6					13						5	150	10	5	0.5
Federal MCLs	7	5	5					5		5	100			70			1.0E+05								5	1000	100	5	2
Secondary MCLs																			5											
SWRCB GW (drinking water source)	6	0.5	5	5	4200		1500	1	9.8	0.5	25	70	41	6	30		20			5	17				5	40	10	5	0.5
SWRCB GW (not drinking water source)	25	200	100	15	14,000		1,500	46	160	9.3	25	330	41	590	43		100			1800	24				120	130	590	360	3.8
SWRCB Surface water (marine)	3.2	99	10	11	8400		1500	71	3200	4.4	50	470	3200	22,000	30		100			180	21				8.9	40	260	81	530
Cal-modified 2004 PRGs (cancer)																														
Cal-modified 2004 PRGs (non-cancer)																								240	240					
EPA 2011 RSL tapwater (cancer)		0.15	0.39					0.41		0.44		0.91							12		0.14				0.11			2	0.016
EPA 2010 RSL tapwater (non-cancer)	340						22000		8.7		91			73												2300	110			
RFSGWBULB101	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	2.3 J	2.3	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.4	0.5 U	0.5 U	0.5 U
RFSGWBULB102	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWBULB103	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.6	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWBULB104	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.4 J	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWBULB201	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	3.3 J	4.1	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	6.8	0.5 U	0.5 U	0.5 U
RFSGWBULB202	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.9	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U
RFSGWBULB203	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.9	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1	0.5 U
RFSGWBULB204	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.3 J	0.5 U	1 U	0.3 J	0.1 J	0.3 J	0.2 J	0.6	10 U	2 UJ	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U
RFSGWCCC101	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	2.3 J	0.5 U	0.5 U	--	0.5 U	0.5 U	1.2	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
RFSGWCCC102	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.4 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWCCC103	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.2 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWCCC104	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.1 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWCCC201	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	2.6	0.5 U	0.5 U	0.5 U	0.5 UJ
RFSGWCCC202	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWCCC203	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.1 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	2.1	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWCCC204	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWCCC301	0.5 U	0.5 U	0.5 U	0.5 U	30	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.0**	0.5 U
RFSGWCCC301-D	0.5 U	0.5 U	0.5 U	0.5 U	32	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.2**	0.5 U
RFSGWCCC302	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	0.5 U
RFSGWCCC303	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.9	0.5 U
RFSGWCCC303D	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.9	0.5 U
RFSGWCCC304	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 J	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	0.5 U
RFSGWCCCT01	0.5 U	0.2 J	0.5 U	0.5 U	3.2 J	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	1.0	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**120**	0.5 U
RFSGWCCCT02	0.5 U	0.2 J	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**84**	0.5 U
RFSGWCCCT03	0.2 J	0.2 J	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1.3	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	**79**	0.5 U
RFSGWCCCT04	0.2 J	0.2 J	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1.4	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	**85**	0.5 U
RFSGWCTP01	0.5 U	0.5 U	0.5 U	0.5 U	35 J	--	7.0 J	0.5 U	0.5 U	--	**19**	0.5 U	8.6	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWCTP01-D	0.5 U	0.5 U	0.5 U	0.5 U	17 J	--	4.4 J	0.5 U	0.5 U	--	**20**	0.5 U	8.7	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWCTP02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	**16**	0.5 U	5.5	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U
RFSGWCTP03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	**25**	0.5 U	7.6	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3 J	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U
RFSGWCTP04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	**14**	0.5 U	6.6	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U
RFSGWCTPS01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	6.1	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWCTPS02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWCTPS03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	1.8 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWCTPS04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWDH01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	2.4 J	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWDH02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWDH03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWDH04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	15 UJ	0.5 U	1 U	24	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 UJ	2 U	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWEERC01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	**6.8**	0.5 UJ
RFSGWEERC02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWEERC03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	1.6 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWEERC04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 10: Complete VOC Detected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	1,4-Dichlorobenzene	2-Butanone (MEK)	4-Methyl-2-pentanone	Acetone	Benzene	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	Methyl tert butyl ether	Methylene chloride	tert-Butyl methyl ether (MTBE)	Naphthalene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
On site Residential	1900	120	120	150	2.8E+06		7.9E+06	20		2.8	2.5E+05	130		7,200						-	210				38	3500	6700	180	1.2
On-site Commercial/Industrial	8900	360	370	460	1.3E+07		3.7E+07	61		8.5	1.1E+06	400		34,000							640				110	1.6E+05	31000	540	3.6
On site groundskeeper/maintenance	6.3E+05	2900	1900	1900	140000000		220000000	440		160	1.4E+05	2,500		2.7E+05							90				22	5.7E+05	5.1E+05	2700	300
5x aquatic criteria	160	5000	2000	130000				3600		220	1.1E+06	24,000													440	1.0E+07	7.0E+06	4100	26000
40x aquatic criteria	1,300	40,000	16,000	2600				28000		1800	8.4E+06	1.9E+05													3500	8.0E+07	5.6E+07	32,000	2.1E+05
160x aquatic criteria	5,100	160,000	62,000	5				110,000		7,000	3.4E+07	7.5E+05													14,000	3.2E+08	2.2E+08	1.3E+05	8.4E+05
Storm-water criteria																														
Drinking water Standards																														
California MCLs	6	0.5	5					1		0.5				6					13						5	150	10	5	0.5
Federal MCLs	7	5	5					5		5	100			70			1.0E+05								5	1000	100	5	2
Secondary MCLs																			5											
SWRCB GW (drinking water source)	6	0.5	5	5	4200		1500	1	9.8	0.5	25	70	41	6	30		20			5	17				5	40	10	5	0.5
SWRCB GW (not drinking water source)	25	200	100	15	14,000		1,500	46	160	9.3	25	330	41	590	43		100			1800	24				120	130	590	360	3.8
SWRCB Surface water (marine)	3.2	99	10	11	8400		1500	71	3200	4.4	50	470	3200	22,000	30		100			180	21				8.9	40	260	81	530
Cal-modified 2004 PRGs (cancer)																														
Cal-modified 2004 PRGs (non-cancer)																								240	240					
EPA 2011 RSL tapwater (cancer)		0.15	0.39					0.41		0.44		0.91							12		0.14				0.11			2	0.016
EPA 2010 RSL tapwater (non-cancer)	340						22000		8.7		91			73												2300	110			
RFSGWEPA01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	1.8	0.5 U	2.3	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	0.5 U
RFSGWEPA02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.2 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWEPA03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.1 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWEPA04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWEPA04D	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWETA01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 UJ	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.9	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**12**	0.5 U
RFSGWETA01-D	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 UJ	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.9	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**14**	0.5 U
RFSGWETA02	0.3 J	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**7.3**	0.5 U
RFSGWETA03	0.3 J	0.2 J	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.1 J	2 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.3 J	**17**	0.5 U
RFSGWETA04	0.1 J	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.1	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1	**9.2**	0.5 U
RFSGWETA04D	0.2 J	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.9	**9.3**	0.5 U
RFSGWFG01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	2.7 J	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWFG02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWFG02D	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWFG03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U
RFSGWFG04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWGEO01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	1.1	0.5 U	1.0	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U
RFSGWGEO02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	1.2	0.5 U	0.7	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWGEO03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	1	0.5 U	0.5	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.4 J	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWGEO04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.9	0.5 U	0.8 UJ	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWMFA01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 UJ	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.9	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**5.7**	0.5 U
RFSGWMFA02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.1	0.5 U
RFSGWMFA03	0.2 J	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.1 J	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**8.2**	0.2 J
RFSGWMFA04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1	0.5 U	0.5 U	0.5 U	0.5 U	10 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**5.4**	0.5 U
RFSGWNRFL01	0.5 U	0.5 U	0.5 U	0.5 U	200	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWNRLF02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWNRLF03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.4 J	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWNRLF04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWPZ1101	1.5	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	20	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	**67**	0.5 U	2.4	**690**	0.6
RFSGWPZ1102	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1.2	0.5 U	0.5 U	**8.1**	0.5 U
RFSGWPZ1103	2.4 J	3.1 U	3.1 U	3.1 U	63 U	63 U	63 U	3.1 U	6.3 U	3.1 U	3.1 U	3.1 U	3.1 U	6.3 U	**87**	3.1 U	3.1 U	3.1 U	3.1 U	63 U	3.1 U	13 U	3.1 U	3.1 U	3.1 U	**53**	3.1 U	9.6	**490**	3.1 U
RFSGWPZ1104	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.3 J	1 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.9	0.5 U	0.5 U	**9.7**	0.5 U
RFSGWPZ801	0.5 UJ	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWPZ802	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.4 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWPZ803	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.9	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWPZ804	0.5 U	0.5 U	0.5 U	0.1 J	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	1.4	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U

Table 10: Complete VOC Detected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	1,4-Dichlorobenzene	2-Butanone (MEK)	4-Methyl-2-pentanone	Acetone	Benzene	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	Methyl tert butyl ether	Methylene chloride	tert-Butyl methyl ether (MTBE)	Naphthalene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
On site Residential	1900	120	120	150	2.8E+06		7.9E+06	20		2.8	2.5E+05	130		7,200						-	210				38	3500	6700	180	1.2
On-site Commercial/Industrial	8900	360	370	460	1.3E+07		3.7E+07	61		8.5	1.1E+06	400		34,000							640				110	1.6E+05	31000	540	3.6
On site groundskeeper/maintenance	6.3E+05	2900	1900	1900	140000000		220000000	440		160	1.4E+05	2,500		2.7E+05							90				22	5.7E+05	5.1E+05	2700	300
5x aquatic criteria	160	5000	2000	130000				3600		220	1.1E+06	24,000													440	1.0E+07	7.0E+06	4100	26000
40x aquatic criteria	1,300	40,000	16,000	2600				28000		1800	8.4E+06	1.9E+05													3500	8.0E+07	5.6E+07	32,000	2.1E+05
160x aquatic criteria	5,100	160,000	62,000	5				110,000		7,000	3.4E+07	7.5E+05													14,000	3.2E+08	2.2E+08	1.3E+05	8.4E+05
Storm-water criteria																														
Drinking water Standards																														
California MCLs	6	0.5	5					1		0.5				6					13						5	150	10	5	0.5
Federal MCLs	7	5	5					5		5	100			70			1.0E+05								5	1000	100	5	2
Secondary MCLs																			5											
SWRCB GW (drinking water source)	6	0.5	5	5	4200		1500	1	9.8	0.5	25	70	41	6	30		20			5	17				5	40	10	5	0.5
SWRCB GW (not drinking water source)	25	200	100	15	14,000		1,500	46	160	9.3	25	330	41	590	43		100			1800	24				120	130	590	360	3.8
SWRCB Surface water (marine)	3.2	99	10	11	8400		1500	71	3200	4.4	50	470	3200	22,000	30		100			180	21				8.9	40	260	81	530
Cal-modified 2004 PRGs (cancer)																														
Cal-modified 2004 PRGs (non-cancer)																								240	240					
EPA 2011 RSL tapwater (cancer)		0.15	0.39					0.41		0.44		0.91							12		0.14				0.11			2	0.016
EPA 2010 RSL tapwater (non-cancer)	340						22000		8.7		91			73												2300	110			
RFSGWPZ901	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 UJ	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**16**	0.5 U
RFSGWPZ902	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	**11**	0.5 U
RFSGWPZ903	0.1 J	0.5 U	0.5 U	0.5 U	10 U	10 U	1.1 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.6	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	**28**	0.5 U
RFSGWPZ903D	0.1 J	0.5 U	0.5 U	0.5 U	10 U	10 U	1.2 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.7	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	**27**	0.5 U
RFSGWPZ904	0.2 J	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	0.5 U	0.5 U	**65 J**	0.5 U
RFSGWRWF01	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.4	0.5 U
RFSGWRWF02	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8	0.5 U
RFSGWRWF03	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3 J	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**5**	0.5 U
RFSGWRWF04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 UJ	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	2.8	0.5 U
RFSGWTP101	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 UJ	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	**13**	0.5 U
RFSGWTP102	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.8	0.5 U
RFSGWTP103	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	1.5 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	**8.5**	0.5 U
RFSGWTP104	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.8	0.5 U
RFSGWTP201	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	--	4.0 UJ	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	**15**	0.5 U
RFSGWTP202	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	**12**	0.5 U
RFSGWTP203	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	1.5 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 J	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	**14**	0.5 U
RFSGWTP204	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	**13**	0.5 U
RFSGWTP204D	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	**12**	0.5 U
RFSGWWTA01	0.5 U	0.5 U	0.5	0.5 U	4.0 U	--	2.0 J	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	3.2	0.5 U	0.5 U	0.4 J	0.5 U
RFSGWWTA02	0.5 U	0.5 U	0.4 J	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	3.8	0.5 U	0.5 U	0.4 J	0.5 U
RFSGWWTA02D	0.5 U	0.5 U	0.4 J	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	4.1	0.5 U	0.5 U	0.4 J	0.5 U
RFSGWWTA03	0.5 U	0.5 U	0.5 J	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	3.2	0.5 U	0.5 U	0.5 J	0.5 U
RFSGWWTA04	0.5 U	0.5 U	0.5 U	0.5 U	10 U	10 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	0.5 U	0.5 U	0.2 J	0.5 U

Notes:

Indicates the value exceeds both the California and Federal MCL

Indicates the value exceeds the California MCL

EPA	U.S. Environmental Protection Agency
ID	Identification
J	Estimated value
MCL	Maximum contaminant level
PRG	Preliminary Remediation Goals
RSL	Regional Screening Level
SWRCB	State Water Resources Control Board
U	Not detected
ug/L	Micrograms per liter
VOC	Volatile organic compound

Table 11:Complete SVOC Dectected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	1,4-Dioxane	1-Methylnaphthalene	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benzoic acid	Benzyl alcohol	Bis(2-ethylhexyl) phthalate	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MCL									6					
SWRCB GW (drinking water source)	3			20					4	8	3.9	17		2
SWRCB GW (not drinking water source)	5000			23					32	8	3.9	24		2
SWRCB Surface water (marine)	5000			20000					5.9	8000	30000	21000		2000
EPA 2010 RSL tapwater (cancer)	6.1	2300							4.8			0.14		
EPA 2010 RSL tapwater (non-cancer)	3700	2.6E+06		2200					730	1500	1500	6.2		1100
EPA 2004 PRGs (non-cancer)				370										180
RFSGWB12001	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.9 UJ	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWB12002	0.03 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB12003	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB12004	1 U	0.1 U	9.6 U	0.1 U	0.1 U	0.1 U	48 U	9.6 U	9.6 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWB12101	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.9 UJ	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWB12102	0.06 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB12103	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	1.9 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB12104	1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	47 U	9.4 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWB12801	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	**6.2**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB12801-D	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB12802	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB12803	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB12804	0.9 U	0.09 U	9.6 U	0.09 U	0.09 U	0.09 U	48 U	9.6 U	9.6 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB15001	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	4.8 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB15002	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB15003	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB15003D	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB15004	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB15004D	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB15801	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB15802	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB15803	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	2.4 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB15804	0.9 U	0.09 U	3.2 J	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB16301	0.5 J	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	0.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB16302	0.2 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB16303	0.2 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB16304	0.09 J	0.09 U	9.6 U	0.09 U	0.09 U	0.09 U	48 U	9.6 U	9.6 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB175S01	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWB175S02	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB175S03	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB175S04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB175W01	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB175W02	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB175W03	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB175W04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB17701	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWB17702	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB17703	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB17704	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB17801	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB17802	0.04 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB17803	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB17804	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB18001	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	4.8 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB18002	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB18003	1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	47 U	9.4 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWB18003D	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	**20**	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB18004	0.9 U	0.09 U	9.7 U	0.09 U	0.09 U	0.09 U	49 U	9.7 U	9.7 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB18501	0.5	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.5 J	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWB18502	6	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	20 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.02 J
RFSGWB18502D	6.8	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB18503	6.1	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB18503D	6.3	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB18504	4.4	0.09 U	9.6 U	0.09 U	0.09 U	0.09 U	48 U	9.6 U	9.6 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19401	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.9 UJ	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWB19402	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19403	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19404	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19501	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.9 UJ	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWB19502	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19502D	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19503	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19504	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	48 U	9.5 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19701	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.9 UJ	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWB19701-D	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	4.8 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB19702	0.04 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19703	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19704	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB19704D	1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	47 U	9.4 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWB27701	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB27702	0.2 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB27703	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB27704	0.1 J	0.1 U	9.5 U	0.1 U	0.1 U	0.1 U	48 U	9.5 U	9.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWB27801	1.4	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB27802	1.1	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB27803	0.9 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB27804	1.1	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB280A01	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB280A02	0.2 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB280A03	0.2 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	3 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB280A04	0.2 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB280B01	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB280B02	0.9 U	0.09 U	10 U	0.09 U	0.09 U	0.09 U	50 U	10 U	10 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB280B03	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB280B04	1 U	0.1 U	9.5 U	0.1 U	0.1 U	0.1 U	48 U	9.5 U	9.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWB30001	1.4	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.9 UJ	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWB30002	0.1 J	0.09 U	9.4 U	0.09 U	0.08 J	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB30003	5.9	0.5 U	97 U	0.5 U	4.9	0.5 U	180 J	73 J	97 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RFSGWB30004	0.8 J	0.09 U	9.4 U	0.09 U	0.2	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.02 J	0.09 U	0.09 U
RFSGWB3801	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB3802	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB3802D	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB3803	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB3804	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	13 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB45002	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB45003	0.3 J	0.09 U	9.6 U	0.09 U	0.09 U	0.09 U	48 U	9.6 U	9.6 U	0.09 U	0.09 U	0.02 J	0.09 U	0.09 U
RFSGWB45004	0.5 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB46001	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB46002	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ
RFSGWB46003	0.9 U	0.09 U	9.6 U	0.09 U	0.09 U	0.09 U	48 U	9.6 U	9.6 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB46004	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	48 U	9.5 U	9.5 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB47301	0.5 J	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	0.5 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB47302	0.06 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB47303	0.3 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB47304	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.02 J	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U

Table 11:Complete SVOC Dectected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	1,4-Dioxane	1-Methylnaphthalene	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benzoic acid	Benzyl alcohol	Bis(2-ethylhexyl) phthalate	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MCL									6					
SWRCB GW (drinking water source)	3			20					4	8	3.9	17		2
SWRCB GW (not drinking water source)	5000			23					32	8	3.9	24		2
SWRCB Surface water (marine)	5000			20000					5.9	8000	30000	21000		2000
EPA 2010 RSL tapwater (cancer)	6.1	2300							4.8			0.14		
EPA 2010 RSL tapwater (non-cancer)	3700	2.6E+06		2200					730	1500	1500	6.2		1100
EPA 2004 PRGs (non-cancer)				370										180
RFSGWB47401	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB47402	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB47403	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB47404	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB48001	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	0.8 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB48002	0.2 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB48003	0.3 J	0.1 U	9.5 U	0.1 U	0.1 U	0.1 U	48 U	9.5 U	9.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWB48004	0.1 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB49001	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWB49002	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB49003	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWB49004	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWBULB101	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.6 J	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWBULB102	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWBULB103	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	48 U	9.5 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWBULB104	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWBULB201	1.3	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWBULB202	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWBULB203	1.2	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	**19**	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWBULB204	1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	47 U	9.4 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWCCC101	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.9 UJ	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWCCC102	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCC103	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCC104	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCC201	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	4.8 U	0.6 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWCCC202	1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	47 U	9.4 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWCCC203	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	3.6 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCC204	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCC301	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWCCC301-D	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	1.0 J	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWCCC302	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCC303	0.1 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCC303D	0.1 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCC304	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCCT01	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWCCCT02	0.1 J	0.1 U	9.5 U	0.1 U	0.1 U	0.1 U	48 U	9.5 U	9.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWCCCT03	0.08 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCCCT04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCPT01	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWCPT01-D	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWCTP02	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCTP03	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	3.9 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCTP04	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	48 U	9.5 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCPTS01A	1.2 U	--	--	1.2 U	1.2 U	1.2 U	--	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
RFSGWCTPS02	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWCTPS03	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.1 U	0.1 U	0.1 U	0.02 J	0.1 U
RFSGWCTPS04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWDH01	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWDH02	0.04 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWDH03	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	2.2 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWDH04	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	48 U	9.5 U	9.5 U	0.09 U	0.09 U	0.03 J	0.09 U	0.09 U
RFSGWEERC01	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWEERC02	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWEERC03	1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	47 U	9.4 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWEERC04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWEPA01	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWEPA02	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWEPA03	1 U	0.1 U	9.8 U	0.1 U	0.1 U	0.1 U	49 U	9.8 U	**8.3 J**	0.1 U	0.1 U	0.02 J	0.1 U	0.1 U
RFSGWEPA04	0.5 J	0.05 J	9.4 U	0.2	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.04 J	0.03 J	0.4	0.02 J	0.02 J
RFSGWEPA04D	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWETA01	12	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	1.1	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWETA01-D	12	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	0.5 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWETA02	8.1	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWETA03	6.1	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.04 J
RFSGWETA04	12	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.03 J
RFSGWETA04D	12	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.03 J
RFSGWFG01	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWFG02	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWFG02D	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWFG03	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	48 U	9.5 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWFG04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWGEO01	0.9 U	--	--	0.9 U	0.9 U	0.9 U	--	4.7 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
RFSGWGEO02	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ
RFSGWGEO03	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWGEO04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWMFA01	2.3	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	**27**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWMFA02	1.1	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWMFA03	1.7	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWMFA04	1.2	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWNRLF01	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	4.8 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWNRLF02	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ
RFSGWNRLF03	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	48 U	9.5 U	2.2 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWNRLF04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWPZ1101	0.7 J	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWPZ1102	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWPZ1103	0.3 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWPZ1104	0.9 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	48 U	9.5 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWPZ801	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWPZ802	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWPZ803	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWPZ804	0.9 U	0.09 U	9.7 UJ	0.09 U	0.09 U	0.09 U	49 UJ	9.7 UJ	9.7 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWPZ901	1.6	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWPZ902	0.9 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ
RFSGWPZ903	1.2	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	47 U	9.4 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWPZ903D	1.2	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWPZ904	1	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWRWF01	0.7 J	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWRWF02	0.06 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWRWF03	0.6 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWRWF04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWTP101	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWTP102	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWTP103	0.05 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWTP104	1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	47 U	9.4 U	9.4 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table 11:Complete SVOC Dectected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	1,4-Dioxane	1-Methylnaphthalene	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benzoic acid	Benzyl alcohol	Bis(2-ethylhexyl) phthalate	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MCL									6					
SWRCB GW (drinking water source)	3			20					4	8	3.9	17		2
SWRCB GW (not drinking water source)	5000			23					32	8	3.9	24		2
SWRCB Surface water (marine)	5000			20000					5.9	8000	30000	21000		2000
EPA 2010 RSL tapwater (cancer)	6.1	2300							4.8			0.14		
EPA 2010 RSL tapwater (non-cancer)	3700	2.6E+06		2200					730	1500	1500	6.2		1100
EPA 2004 PRGs (non-cancer)				370										180
RFSGWTP201	1.1	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWTP202	0.7 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWTP203	0.9 J	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	47 U	9.4 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RFSGWTP204	0.3 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWTP204D	0.4 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	23 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWWTA01	1.0 U	--	--	1.0 U	1.0 U	1.0 U	--	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
RFSGWWTA02	0.06 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWWTA02D	0.07 J	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWWTA03	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	3.3 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
RFSGWWTA04	0.9 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	47 U	9.4 U	9.4 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U

Notes:
Indicates the value exceeds the federal MCL

--	Not sampled
EPA	U.S. Environmental Protection Agency
ID	Identification
J	Estimated value
MCL	Maximum contaminant level
PRG	Preliminary Remediation Goals
RSL	Regional Screening Level
SVOC	Semivolatile organic compound
SWRCB	State Water Resources Control Board
U	Not detected
ug/L	Micrograms per liter

Table 12: Complete Metals Dectected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Arsenic	Cadmium	Chromium	Copper	Mercury	Nickel	Selenium
On site Residential							
On-site Commercial/Industrial							
On site groundskeeper/maintenance	1.1E+02	1.9E+05	5.6E+08	1.5E+07	1.1E+05	9.3E+07	1.9E+06
5x aquatic criteria	180	47		16	11	41	25
40x aquatic criteria	1,400	370		120	84	330	200
160x aquatic criteria	5,800	1,500		500	340	1,300	800
Storm-water criteria	36	1.1	180	3.1	0.003	8.2	5
Drinking water Standards	10	5	50	1,300	2	100	50
California MCLs	10	5	50	1,300	2	100	50
Federal MCLs	10	5	100	1,300	2		50
Secondary MCLs				1,000			
SWRCB GW (drinking water source)	36	0.25	50	3.1	0.025	8.2	5
SWRCB GW (not drinking water source)	36	0.25	180	3.1	0.025	8.2	5
SWRCB Surface water (marine)	0.14	9.3	180	3.1	0.025	8.2	71
Cal-modified 2004 PRGs (cancer)	0.071						
Cal-modified 2004 PRGs (non-cancer)							
EPA 2011 RSL tapwater (cancer)	0.045						
EPA 2010 RSL tapwater (non-cancer)		18		1,500	.63	180	180
RFSGWB12001	2.2	1.0 U	1.2	2.2	0.030 U	7.1	2.0 U
RFSGWB12002	1.6 J	2 U	0.34 J	4.3	0.2 U	1 U	1 U
RFSGWB12003	4.2	1 U	0.48 J	1.6 U	0.2 U	11	0.97 J
RFSGWB12004	2.6 UJ	0.25 J	0.44 J	1.6 J	0.079 J	6.5	1 U
RFSGWB12101	1.8	1.0 U	1.5	2.0 U	0.020 J	4.3	2.0 U
RFSGWB12102	1.2	1 U	1.3	0.5 J	0.2 U	1.2	1 U
RFSGWB12103	3.2	0.44 J	0.88 J	1.6 U	0.2 U	1 U	1 U
RFSGWB12104	0.97 J	1 U	1.1	2.3 U	0.2 U	1 U	0.34 UJ
RFSGWB12801	5.7	1.0 U	1.1	1.3 J	0.048	2.7	2.0 U
RFSGWB12801-D	3.5	1.0 U	1.1	1.6 J	0.015 J	2.0	2.0 U
RFSGWB12802	0.95 J	2 U	1 U	8.4 J	0.11 J	10	0.4 J
RFSGWB12803	5.8	1 U	1 U	1.6 U	0.052 J	7.1	1 U
RFSGWB12804	0.89 UJ	0.94 J	0.54 J	2.3 U	0.089 J	7.2	0.58 UJ
RFSGWB15001	0.89 J	1.0 U	1.0 U	1.6 J	0.030 U	5.3	3.2
RFSGWB15002	0.57 J	0.44 J	0.73 J	4.2 J	0.2 U	2.7	37
RFSGWB15003	0.67 J	1 U	0.37 J	3.4	0.2 U	1 U	14
RFSGWB15003D	1 U	1 U	0.32 J	1 U	0.2 U	1 U	10
RFSGWB15004	0.39 J	1 U	0.98 J	2.3 U	0.2 U	0.58 J	**67**
RFSGWB15004D	0.5 J	0.099 J	0.89 J	2.3 U	0.2 U	0.71 J	**66**
RFSGWB15801	6.3	1.0 U	2.8	1.4 J	0.030 U	1.8	2.0 U
RFSGWB15802	4.5	2 U	1.3	6.8	0.2 U	1 U	0.3 J
RFSGWB15803	6.2	1 U	2	0.94 J	0.2 U	1 U	1 U
RFSGWB15804	4.9	0.35 UJ	2.1	2.3 U	0.2 U	1 U	1 U
RFSGWB16301	1.6	**5.2**	5.0 U	2.5	0.083	170	2.0 U
RFSGWB16302	1.3	**5.5**	0.14 J	0.35 J	0.2 UJ	180	1 UJ
RFSGWB16302 (TOTAL)	0.74 J	**6.2**	0.23 J	1 U	0.19 J	200	0.39 J
RFSGWB16303	4.2	**5.2**	0.34 J	1.6 U	0.17 J	200	0.65 J
RFSGWB16303 (TOTAL)	1.2	**5.9**	1 U	1.6 U	0.18 J	200	0.36 J
RFSGWB16304	2.3 UJ	**6.2**	1 U	2.3 U	0.23	180	1.2 UJ
RFSGWB16304 (TOTAL)	1.3	**7**	0.92 J	2.3 U	0.22	200	1.3 J
RFSGWB175S01	1.6	1.0 U	0.81 J	1.4 J	0.072	3.3	2.0 U
RFSGWB175S02	0.69 J	0.43 J	0.8 J	1 UJ	0.2 U	2.3	0.86 J
RFSGWB175S03	7	1 U	1.4	1.6 U	0.054 J	1 U	0.26 J
RFSGWB175S04	1.5	1 U	0.29 J	2.3 U	0.2 U	1 U	0.76 UJ
RFSGWB175W01	1.7	1.0 U	1.3	1.0 J	0.030 U	2.5	2.0 U
RFSGWB175W02	2.1	0.26 J	0.43 J	4.7 J	0.2 U	0.96 J	1 UJ
RFSGWB175W03	3	1 U	3.9	1.6 U	0.065 J	1 U	1 U
RFSGWB175W04	1.1	1 U	0.63 J	2.3 U	0.2 U	1 U	1.1 UJ
RFSGWB17701	1.1	1.0 U	0.91 J	1.7 J	0.030 U	1.8	1.1 J
RFSGWB17702	0.48 J	2 U	0.55 J	2.6 J	0.038 J	1 U	1.8
RFSGWB17703	0.83 J	1 U	0.61 J	1 U	0.2 U	1 U	1 U
RFSGWB17704	0.49 J	1 U	1 U	2.3 U	0.2 U	7.1	2.6
RFSGWB17801	1.8	1.0 U	1.0 U	2.2	0.030 U	7.5	2.0 U
RFSGWB17802	1.6 J	2 U	1.3 U	2.7	0.2 U	1 U	2.5 U
RFSGWB17803	9.1	1 U	1 U	1.6 U	0.2 U	12	1.5
RFSGWB17804	3.2 UJ	0.51 J	1 U	2.3 U	0.2 U	12 J	0.41 UJ
RFSGWB18001	3.8	1.0 U	2.9	3.6	0.030 U	2.2	2.0 U
RFSGWB18002	2.9	0.46 J	2.9	36 J	0.2 U	0.53 J	1 UJ
RFSGWB18003	3.2	1 U	3.1	1 U	0.2 U	1 U	0.66 J
RFSGWB18003D	3.6	1 U	3	1 U	0.2 U	1 U	0.34 J
RFSGWB18004	3.6	1 U	1.2	2.3 U	0.2 U	1 U	0.55 UJ
RFSGWB18501	1.7	1.0 U	0.57 J	1.6 J	0.030 U	7.1	2.0 U
RFSGWB18502	1.1 J	2 U	0.39 J	6.4	0.2 U	1 U	2.5 U
RFSGWB18502D	0.8 J	2 U	0.22 J	4.3	0.2 U	1 U	2.5 U
RFSGWB18503	3	0.25 J	0.74 J	1.9	0.088 J	8.4	0.28 J
RFSGWB18503D	2.7	0.14 J	0.75 J	1.6 U	0.088 J	1 U	1 U
RFSGWB18504	2 UJ	0.48 J	0.44 J	2.3 U	0.041 J	5.2	0.89 UJ
RFSGWB19401	2.6	1.0 U	0.97 J	1.7 J	0.030 U	1.8	2.0 U
RFSGWB19402	1.8	1.2	0.99 J	1.5 J	0.2 U	0.79 J	1 UJ
RFSGWB19403	2.7	1 U	0.99 J	1.6 U	0.2 U	1 U	0.51 J
RFSGWB19404	0.87 J	1 U	0.65 J	2.3 U	0.2 U	1 U	1 U

Table 12: Complete Metals Dectected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Arsenic	Cadmium	Chromium	Copper	Mercury	Nickel	Selenium
On site Residential							
On-site Commercial/Industrial							
On site groundskeeper/maintenance	1.1E+02	1.9E+05	5.6E+08	1.5E+07	1.1E+05	9.3E+07	1.9E+06
5x aquatic criteria	180	47		16	11	41	25
40x aquatic criteria	1,400	370		120	84	330	200
160x aquatic criteria	5,800	1,500		500	340	1,300	800
Storm-water criteria	36	1.1	180	3.1	0.003	8.2	5
Drinking water Standards	10	5	50	1,300	2	100	50
California MCLs	10	5	50	1,300	2	100	50
Federal MCLs	10	5	100	1,300	2		50
Secondary MCLs				1,000			
SWRCB GW (drinking water source)	36	0.25	50	3.1	0.025	8.2	5
SWRCB GW (not drinking water source)	36	0.25	180	3.1	0.025	8.2	5
SWRCB Surface water (marine)	0.14	9.3	180	3.1	0.025	8.2	71
Cal-modified 2004 PRGs (cancer)	0.071						
Cal-modified 2004 PRGs (non-cancer)							
EPA 2011 RSL tapwater (cancer)	0.045						
EPA 2010 RSL tapwater (non-cancer)		18		1,500	.63	180	180
RFSGWB19501	2.0	1.0 U	0.73 J	1.8 J	**10**	3.1	2.0 U
RFSGWB19502	1.5	0.28 J	0.78 J	75 J	1.2	1.1	1 UJ
RFSGWB19502 (TOTAL)	0.77 J	0.28 J	0.8 J	1 U	**2.4**	1.1	0.43 J
RFSGWB19502D	1.3	0.21 J	0.62 J	7.5 J	1.1	1	0.44 J
RFSGWB19502D (TOTAL)	1.6 J	0.27 J	0.82 J	1 U	**2.2**	2.9 U	0.41 J
RFSGWB19503	2.9	0.4 J	1.2	1.6 U	**10**	3.3	1 U
RFSGWB19503 (TOTAL)	1.4	1 U	1 U	1.6 U	**15**	1.5	1 U
RFSGWB19504	1.3 UJ	0.16 J	1.2	1.6 J	**2**	1 U	1.1 UJ
RFSGWB19504 (TOTAL)	1.4 UJ	1 U	0.68 J	2.3 U	**2.7**	0.41 J	1.3
RFSGWB19701	1.8	1.0 U	1.1	1.7 J	0.030 U	2.8	2.0 U
RFSGWB19701-D	1.8	1.0 U	1.2	1.6 J	0.030 U	2.6	2.0 U
RFSGWB19702	2	1 U	1 U	1 UJ	0.2 U	8.4	1 U
RFSGWB19703	4.5	0.24 J	0.97 J	1.6 U	0.2 U	8	0.68 J
RFSGWB19704	**10**	1 U	1 U	1.2 J	0.049 J	3.3	0.44 UJ
RFSGWB19704D	9	1 U	1 U	1.3 J	0.062 J	2.2	0.47 UJ
RFSGWB27701	1.9	1.0 U	1.8	2.0 U	0.030 U	1.0 U	2.0 U
RFSGWB27702	2.2	2 U	1.8	3.3 J	0.07 J	1 U	0.53 J
RFSGWB27703	0.52 J	1 U	0.31 J	1 U	0.2 U	1 U	1 U
RFSGWB27704	1.9 UJ	0.34 J	1.5	2.3 U	0.2 U	1 U	0.56 UJ
RFSGWB27801	2.0	1.0 U	1.6	1.8 J	0.015 J	2.7	2.0 U
RFSGWB27802	1.5 J	2 U	1.4	1.1 J	0.15 J	2.3 J	2.5 U
RFSGWB27803	1 U	1 U	0.49 J	1 U	0.2 U	1 U	1 U
RFSGWB27804	2	1 U	1.4	2.3 U	0.036 UJ	2.7	1 U
RFSGWB280A01	1.4	1.0 U	0.93 J	1.1 J	0.030 U	0.77 J	2.0 U
RFSGWB280A02	1 J	2 U	0.25 J	1.9 J	0.2 U	1 U	2.5 U
RFSGWB280A03	0.55 J	0.33 J	0.54 J	0.52 J	0.2 U	0.37 J	0.31 J
RFSGWB280A04	1.7	1 U	0.53 J	2.3 U	0.2 U	1 U	1 U
RFSGWB280B01	3.4	1.0 U	1.5	2.0 U	0.030 U	0.62 J	2.0 U
RFSGWB280B02	1.7 J	2 U	2.1	5.8	0.2 U	1 U	2.5 U
RFSGWB280B03	2.8	1 U	1 U	1 U	0.2 U	1 U	1 U
RFSGWB280B04	3.3 UJ	1 U	1.3	0.87 J	0.066 J	1 U	1 U
RFSGWB30001	2.0	1.0 U	1.7	1.3 J	0.030 U	2.8	2.0 U
RFSGWB30002	1.4 J	2 U	1 U	6	0.2 U	0.8 J	0.4 J
RFSGWB30003	26 U	20 U	20 U	21 U	0.11 J	23 U	20 U
RFSGWB30004	2.3	0.11 J	1 U	2.3 U	0.06 UJ	7.6	1 U
RFSGWB3801	1.2	1.0 U	2.3	3.3	0.030 U	3.9	2.0 U
RFSGWB3802	1 J	2 U	0.93 J	2.2	0.2 U	2.2 J	2.5 U
RFSGWB3802D	1.3 J	2 U	1.3	65	0.089 J	2.6 J	2.5 U
RFSGWB3803	1.5	0.32 J	0.14 J	1 U	0.2 U	3.1	1 U
RFSGWB3804	0.99 J	1 U	0.6 J	2 J	0.2 U	0.67 J	0.46 UJ
RFSGWB45002	1.7 J	2 U	1 J	1.8 J	0.055 J	2.9 U	2.5 U
RFSGWB45002 (TOTAL)	2.3	2 U	2	2.2 U	0.099 J	1 U	2.5 U
RFSGWB45003	1	0.21 J	0.85 J	1 U	0.2 U	1.5	0.32 J
RFSGWB45004	1.8	1 U	0.94 J	1 J	0.2 U	1 U	1.7
RFSGWB46001	3.2	1.0 U	0.53 J	1.9 J	0.030 U	2.8	2.0 U
RFSGWB46002	2.4	2 U	1.3 U	21	0.08 J	1.3 J	2.5 U
RFSGWB46003	3.4	0.31 J	0.38 J	1 U	0.2 U	0.75 J	1 U
RFSGWB46004	2.7	1 U	0.67 J	2.3 U	0.2 U	1 U	1 U
RFSGWB47301	2.0	1.0 U	3.9	4.7	0.030 U	2.0	2.0 U
RFSGWB47302	2.2	2 U	1.6	9.1	0.067 J	1.2 J	2.5 U
RFSGWB47303	1.9	1 U	1.3	1 U	0.2 U	1 U	1 U
RFSGWB47304	2.3	0.18 UJ	1.4	0.97 J	0.2 U	1 U	1 U
RFSGWB47401	9.8	1.0 U	1.7	2.0	0.024 J	5.3	2.0 U
RFSGWB47402	3.9	2 U	1.3 U	5.1	0.066 J	1.5 J	2.5 U
RFSGWB47402 (TOTAL)	4.3	2 U	1.3 U	4.7	0.2 UJ	1.7 J	2.5 U
RFSGWB47403	1.6	1 U	1.7	12	0.11 J	3.5	1 U
RFSGWB47403 (TOTAL)	2.8	1 U	1.2	21	0.22	6	0.31 J
RFSGWB47404	2.7	0.42 J	0.74 J	2.3 U	0.07 UJ	6.7	1 U
RFSGWB47404 (TOTAL)	2.6	0.57 J	0.84 J	6.8	0.038 J	6	0.45 J
RFSGWB48001	6.5	1.0 U	0.68 J	2.0 U	0.030 U	2.0	2.0 U
RFSGWB48002	3.1	2 U	1.2 J	7.8	0.1 J	1.3 J	2.5 U
RFSGWB48003	2.6	0.81 J	0.34 J	0.28 J	0.2 U	2	0.37 J
RFSGWB48004	2.8	0.65 J	1.8	2.3 U	0.06 UJ	3.3	1 U
RFSGWB49001	2.2	1.0 U	2.6	1.1 J	0.030 U	2.1	2.0 U
RFSGWB49002	1.6 J	2 U	4.4	11	0.2 U	1.1 J	2.5 U
RFSGWB49003	1.8	1 U	2.7	5.2 U	0.2 U	0.37 J	1 U
RFSGWB49004	2.4	1 U	3.2	2.3 U	0.049 UJ	2.5	1 U

Table 12: Complete Metals Dectected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Arsenic	Cadmium	Chromium	Copper	Mercury	Nickel	Selenium
On site Residential							
On-site Commercial/Industrial							
On site groundskeeper/maintenance	1.1E+02	1.9E+05	5.6E+08	1.5E+07	1.1E+05	9.3E+07	1.9E+06
5x aquatic criteria	180	47		16	11	41	25
40x aquatic criteria	1,400	370		120	84	330	200
160x aquatic criteria	5,800	1,500		500	340	1,300	800
Storm-water criteria	36	1.1	180	3.1	0.003	8.2	5
Drinking water Standards	10	5	50	1,300	2	100	50
California MCLs	10	5	50	1,300	2	100	50
Federal MCLs	10	5	100	1,300	2		50
Secondary MCLs				1,000			
SWRCB GW (drinking water source)	36	0.25	50	3.1	0.025	8.2	5
SWRCB GW (not drinking water source)	36	0.25	180	3.1	0.025	8.2	5
SWRCB Surface water (marine)	0.14	9.3	180	3.1	0.025	8.2	71
Cal-modified 2004 PRGs (cancer)	0.071						
Cal-modified 2004 PRGs (non-cancer)							
EPA 2011 RSL tapwater (cancer)	0.045						
EPA 2010 RSL tapwater (non-cancer)		18		1,500	.63	180	180
RFSGWBULB101	**17**	10 U	2.1	6.6	0.090	46	8.6
RFSGWBULB102	**12**	1 U	0.13 J	14 J	0.2 UJ	4	1 UJ
RFSGWBULB102 (TOTAL)	**12 J**	0.99 J	0.99 J	1 U	0.15 J	7.5	0.6 J
RFSGWBULB103	**12**	0.09 J	1.2	1.6 U	0.2 U	5	1 J
RFSGWBULB103 (TOTAL)	9.7	1 U	1 U	1.6 U	0.09 J	1 U	0.73 J
RFSGWBULB104	9	0.2 J	0.49 J	2.3 U	0.2 U	2.7	0.87 J
RFSGWBULB104 (TOTAL)	9.3	0.31 UJ	2.5	2.3 U	0.043 J	1.4	1.1 UJ
RFSGWBULB201	8.9	1.0 U	3.0	5.6 J	**2.5**	25	3.0
RFSGWBULB202	3	0.55 J	0.23 J	28 J	0.2 U	3.2	1 UJ
RFSGWBULB202 (TOTAL)	5 J	1.4	1.4	0.94 J	0.2 J	16	0.36 J
RFSGWBULB203	3.8	1 U	1.8	1.6 U	0.2 U	2.5	1 U
RFSGWBULB203 (TOTAL)	2.6	0.14 J	1 U	1.6 U	0.31	0.12 J	1 U
RFSGWBULB204	3.1	1 U	0.56 J	1.7 J	0.047 UJ	13	1.3
RFSGWBULB204 (TOTAL)	3.4	0.54 UJ	0.34 J	5.2	0.099 J	5.3	0.46 UJ
RFSGWCCC101	3.0	1.0 U	0.84 J	1.5 J	0.030 U	1.2	2.0 U
RFSGWCCC102	2.4	2 U	1.9	4.6	0.047 J	1.4 J	2.5 U
RFSGWCCC103	0.45 J	1 U	1 U	1 U	0.2 U	1 U	1 U
RFSGWCCC104	2.5	0.27 J	0.34 J	2.3 U	0.043 UJ	3	0.28 J
RFSGWCCC201	2.3	1.0 U	32	1.5 J	0.030 U	1.6	6.6
RFSGWCCC202	0.85 J	2 U	2.1	20	0.2 U	38	5.4
RFSGWCCC202 (TOTAL)	0.96 J	0.66 J	2.3	1 U	0.2 U	40	6.1
RFSGWCCC203	3.6	1 U	13	1.6 U	0.05 J	1 U	6.8
RFSGWCCC203 (TOTAL)	1.8	0.13 J	12	1.6 U	0.2 U	4	6.6
RFSGWCCC204	1.2	0.34 J	4.5	2.3 U	0.059 UJ	11	3.5
RFSGWCCC204 (TOTAL)	1.1	0.24 J	9.4	2.3 U	0.043 J	9	4.8
RFSGWCCC301	5.9	1.0 U	2.8	2.4	0.019 J	6.5	2.0 U
RFSGWCCC301-D	4.6	1.0 U	1.1	1.3 J	0.030 U	5.8	2.0 U
RFSGWCCC302	2.9	1 U	0.86 J	12 J	0.2 U	1	1 U
RFSGWCCC303	6.7	1 U	1 U	1.6 U	0.2 U	1 U	1 U
RFSGWCCC303D	2.4	1 U	0.67 J	1.6 U	0.058 J	1 U	1 U
RFSGWCCC304	4.4	1 U	0.28 J	2.3 U	0.053 UJ	4.9	1 U
RFSGWCCCT01	3.9	1.0 U	1.0 U	1.8 J	0.015 J	6.6	2.0 U
RFSGWCCCT02	1.7 J	2 U	1.3 U	12 J	0.12 J	1 U	0.47 J
RFSGWCCCT03	3.5	1 U	0.53 J	1.6 U	0.091 J	1 U	0.26 J
RFSGWCCCT04	2.6	1 U	1 U	2.3 U	0.2 U	1.6	0.5 UJ
RFSGWCTP01	2.6	1.0 U	1.1	2.0 U	0.030 U	2.1	2.0 U
RFSGWCTP01-D	2.5	1.0 U	1.1	2.0 U	0.030 U	2.1	2.0 U
RFSGWCTP02	1.3 J	**9.3**	0.47 J	5.4	0.2 U	1 U	2.5 U
RFSGWCTP03	0.81 J	0.52 J	0.45 J	1 U	0.2 U	0.9 J	0.17 J
RFSGWCTP04	2.1 UJ	0.62 J	1	2.3 U	0.2 U	1 U	0.67 UJ
RFSGWCTPS01	3.6	1.0 U	1.4	1.8 J	0.030 U	4.4	2.0 U
RFSGWCTPS02	0.96 J	2 U	1.3 U	5	0.2 U	1.7 J	2.5 U
RFSGWCTPS03	1.5	0.82 J	1 U	1 U	0.2 U	2.4	0.3 J
RFSGWCTPS04	1.1	1 U	0.37 J	1.2 J	0.023 UJ	3.1	1 U
RFSGWDH01	3.5	0.75 J	1.0 U	2.8	0.030 U	37	2.0 U
RFSGWDH02	1.3 J	1.9 J	0.28 J	3.5	0.2 U	39	2.5 U
RFSGWDH03	1.6	1 U	1 U	53	0.2 U	14	1 U
RFSGWDH04A	**18**	0.46 UJ	1.5	2.3 U	0.066 J	56	1 U
RFSGWEERC01	**11**	1.0 U	1.0 U	2.9	0.015 J	18	2.0 U
RFSGWEERC02	2.9	2 U	1.3 U	6.2	0.044 J	9.5 J	2.5 U
RFSGWEERC02 (TOTAL)	1.7 J	2 U	1.3 U	0.96 J	0.2 UJ	9.7	2.5 U
RFSGWEERC03	3.1	1 U	1 U	1 U	0.2 U	9.9	0.71 J
RFSGWEERC03 (TOTAL)	5.2	0.29 J	0.81 J	2.4	0.2 U	13	0.56 J
RFSGWEERC04	2.6	1 U	0.62 J	0.86 J	0.2 U	1 U	0.35 J
RFSGWEERC04 (TOTAL)	2.4	0.13 J	0.74 J	0.96 J	0.2 U	2.7	0.78 J
RFSGWEPA01	3.2	1.0 U	2.1	2.7	0.017 J	2.1	2.0 U
RFSGWEPA02	1.6 J	2 U	1.4	2.1 J	0.2 U	1.3 J	2.5 U
RFSGWEPA03	2.3	0.3 J	1 U	7.5	0.2 U	1 U	0.24 J
RFSGWEPA04	1.9	1 U	1 U	2.3 U	0.2 U	1 U	1 U
RFSGWEPA04D (TOTAL)	1.8	1 U	0.86 J	1.2 J	0.2 U	1 U	1 U

Table 12: Complete Metals Dectected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Arsenic	Cadmium	Chromium	Copper	Mercury	Nickel	Selenium
On site Residential							
On-site Commercial/Industrial							
On site groundskeeper/maintenance	1.1E+02	1.9E+05	5.6E+08	1.5E+07	1.1E+05	9.3E+07	1.9E+06
5x aquatic criteria	180	47		16	11	41	25
40x aquatic criteria	1,400	370		120	84	330	200
160x aquatic criteria	5,800	1,500		500	340	1,300	800
Storm-water criteria	36	1.1	180	3.1	0.003	8.2	5
Drinking water Standards	10	5	50	1,300	2	100	50
California MCLs	10	5	50	1,300	2	100	50
Federal MCLs	10	5	100	1,300	2		50
Secondary MCLs				1,000			
SWRCB GW (drinking water source)	36	0.25	50	3.1	0.025	8.2	5
SWRCB GW (not drinking water source)	36	0.25	180	3.1	0.025	8.2	5
SWRCB Surface water (marine)	0.14	9.3	180	3.1	0.025	8.2	71
Cal-modified 2004 PRGs (cancer)	0.071						
Cal-modified 2004 PRGs (non-cancer)							
EPA 2011 RSL tapwater (cancer)	0.045						
EPA 2010 RSL tapwater (non-cancer)		18		1,500	.63	180	180
RFSGWETA01	**22**	0.93 J	5.8	22	**2.3**	10	2.0 U
RFSGWETA01-D	**13**	1.0 U	2.6	8.0	1.3	4.9	2.0 U
RFSGWETA02	7.4	0.37 J	0.093 J	2.1 J	0.2 U	2.8	1 U
RFSGWETA02 (TOTAL)	**17 J**	2.4	3.1	8.3	1.6	6.3	0.15 J
RFSGWETA03	5.3	0.28 J	0.75 J	1.6 U	0.2 U	3.6	0.8 J
RFSGWETA03 (TOTAL)	5.9	0.46 J	0.69 J	2.9	1.6	4.3 J	1 U
RFSGWETA04	5.5	0.45 J	0.23 J	2.3 U	0.083 UJ	3.8	1 U
RFSGWETA04 (TOTAL)	5.7	0.7 J	0.4 J	2.9	0.78	4	1 U
RFSGWETA04D	5.9	0.73 J	0.23 J	2.3 U	0.095 UJ	3.6	1 U
RFSGWETA04D (TOTAL)	5.3	0.47 J	0.35 J	2.6	0.64	3.9	1 U
RFSGWFG01	9.7	1.9	**50**	56	0.015 J	130	8.0 U
RFSGWFG02	1.2 J	2 U	1.3 U	24	0.063 J	2.7 J	2.5 U
RFSGWFG02 (TOTAL)	2.2	2 U	3.8	2.5	0.14 J	7.3	2.5 U
RFSGWFG02D	1.2 J	2 U	0.61 J	35	0.057 J	0.26 J	2.5 U
RFSGWFG02D (TOTAL)	1.7 J	2 U	2.2	2.4	0.1 J	6.7	2.5 U
RFSGWFG03	1.4	0.19 J	1 U	5.2	0.2 U	3.8	0.19 J
RFSGWFG03 (TOTAL)	1 J	0.25 J	0.61 J	0.71 J	0.2 U	4.9	0.21 J
RFSGWFG04	1.4	1 U	0.48 J	2.3 U	0.032 UJ	1 U	0.28 J
RFSGWFG04 (TOTAL)	1.4	0.11 J	0.73 J	1 J	0.2 U	2.1	1 U
RFSGWGEO01	1.8	1.0 U	1.6	1.1 J	0.030 U	1.5	2.0 U
RFSGWGEO02	1.7 J	2 U	1.3 U	27	0.071 J	6.2 J	2.5 U
RFSGWGEO03	2.5	1 U	1.7	1 U	0.2 U	1.5	0.32 J
RFSGWGEO04	1.6	0.17 UJ	0.62 J	2.3 U	0.2 U	1 U	1 U
RFSGWMFA01	2.3	1.0 U	0.65 J	1.8 J	0.18	7.9	2.0 U
RFSGWMFA02	1.4	1 U	0.28 J	9.5 J	0.2 UJ	7.1	1 UJ
RFSGWMFA03	0.47 J	0.15 J	0.8 J	6.2	0.82	16	0.23 J
RFSGWMFA04	2.3	0.57 J	1 U	1.6 J	0.52	9.4	1 U
RFSGWNRLF01	3.3	1.0 U	1.0 U	2.0 U	0.030 U	1.9	2.0 U
RFSGWNRLF02	5.2	2 U	1.3 U	82	0.2 U	2.9 UJ	2.5 U
RFSGWNRLF03	1.4	1 U	1 U	1 U	0.2 U	0.31 J	1 U
RFSGWNRLF04	2.9	1 U	1 U	2.3 U	0.053 UJ	4.9	1 U
RFSGWPZ1101	2.5	2.7	1.0 U	22	0.030 U	140	2.0 U
RFSGWPZ1102	0.67 J	**30**	1 J	**1200**	0.08 J	1700 J	2.5 U
RFSGWPZ1102 (TOTAL)	0.82 J	**35**	0.74 J	**1300**	0.23 UJ	2400	2.5 U
RFSGWPZ1103	1.6	4.9	1 U	12	0.2 U	300	0.22 J
RFSGWPZ1103 (TOTAL)	1.4	3.4	1 U	34	0.2 U	340	1 U
RFSGWPZ1104	1.1	**22**	1.9	800	0.049 UJ	1400	0.35 J
RFSGWPZ1104 (TOTAL)	0.5 J	**19**	68 U	770	0.03 J	1200	0.48 UJ
RFSGWPZ801	1.6	1.0 U	1.3	1.5 J	0.030 UJ	2.5	2.0 U
RFSGWPZ802	2	2 U	1.1 J	3.7 J	0.04 J	1 U	0.26 J
RFSGWPZ803	7.7	1 U	1.2	1.6 U	0.07 J	0.87 J	0.26 J
RFSGWPZ804	2.1 UJ	0.48 J	1	1.6 J	0.2 U	1 U	0.44 J
RFSGWPZ901	2.7	1.0 U	1.0 U	2.0 U	0.17	3.5	2.0 U
RFSGWPZ902	1.9	2 U	1.3 U	5.8	0.2 U	5.3 J	2.5 U
RFSGWPZ903	2.3	1 U	1 U	1 U	0.022 J	2.7	1 U
RFSGWPZ903D	3.2	0.19 J	1 U	1 U	0.2 U	1 U	1 U
RFSGWPZ904	3	1 U	1 U	2.3 U	0.026 J	1 U	1 U
RFSGWRWF01	1.3	1.0 U	1.6	1.6 J	0.030 U	2.8	2.0 U
RFSGWRWF02	0.63 J	2 U	0.58 J	3.7 J	0.2 U	1 U	0.21 J
RFSGWRWF03	1.3	1 U	0.78 J	1 U	0.2 U	0.78 J	0.54 J
RFSGWRWF04	2.2	1.1	0.47 J	1 J	0.029 J	2.9	1 U
RFSGWTP101	1.9	1.0 U	1.0 U	1.3 J	0.33	5.8	2.0 U
RFSGWTP102	2.2	2 U	1.3 U	7.8 J	0.17 J	1 U	0.21 J
RFSGWTP103	1.4	1 U	1 U	1 U	0.056 J	11	1 U
RFSGWTP104	8.4	1 U	1 U	1.1 J	0.2 UJ	20	1 U
RFSGWTP201	1.3	1.0 U	1.9	2.0 U	0.030 U	8.6	2.0 U
RFSGWTP202	0.74 J	2 U	1.2 J	2.2 UJ	0.2 U	1 U	0.78 J
RFSGWTP203	2.4	0.38 J	0.7 J	1 U	0.2 U	1 U	0.17 J
RFSGWTP204	1.3	0.42 J	1.7	2.3 U	0.054 UJ	4.1	1 U
RFSGWTP204D	1.9	0.22 J	1.7	2.3 U	0.058 UJ	3.4	0.28 J

Table 12: Complete Metals Dectected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Arsenic	Cadmium	Chromium	Copper	Mercury	Nickel	Selenium
On site Residential							
On-site Commercial/Industrial							
On site groundskeeper/maintenance	1.1E+02	1.9E+05	5.6E+08	1.5E+07	1.1E+05	9.3E+07	1.9E+06
5x aquatic criteria	180	47		16	11	41	25
40x aquatic criteria	1,400	370		120	84	330	200
160x aquatic criteria	5,800	1,500		500	340	1,300	800
Storm-water criteria	36	1.1	180	3.1	0.003	8.2	5
Drinking water Standards	10	5	50	1,300	2	100	50
California MCLs	10	5	50	1,300	2	100	50
Federal MCLs	10	5	100	1,300	2		50
Secondary MCLs				1,000			
SWRCB GW (drinking water source)	36	0.25	50	3.1	0.025	8.2	5
SWRCB GW (not drinking water source)	36	0.25	180	3.1	0.025	8.2	5
SWRCB Surface water (marine)	0.14	9.3	180	3.1	0.025	8.2	71
Cal-modified 2004 PRGs (cancer)	0.071						
Cal-modified 2004 PRGs (non-cancer)							
EPA 2011 RSL tapwater (cancer)	0.045						
EPA 2010 RSL tapwater (non-cancer)		18		1,500	.63	180	180
RFSGWWTA01	2.2	1.0 U	9.5	2.0 U	0.030 U	1.5	2.0 U
RFSGWWTA02	1.3 J	2 U	6	11	0.2 U	0.97 J	2.5 U
RFSGWWTA02 (TOTAL)	1.5 J	0.34 J	6	1 U	0.041 J	2.9 U	1 U
RFSGWWTA02D	1.6 J	2 U	6.1	3	0.2 U	1 J	2.5 U
RFSGWWTA02D (TOTAL)	1.7 J	0.47 J	6.1	1 U	0.042 J	2.9 U	1 U
RFSGWWTA03	0.55 J	1 U	4.5	1 U	0.2 U	1 U	1 U
RFSGWWTA03 (TOTAL)	1.6	0.25 J	5.1	5.2 U	0.2 U	2.7	0.66 J
RFSGWWTA04	2.4	1 U	5.8	2.3 U	0.03 UJ	1.1	1 U
RFSGWWTA04 (TOTAL)	2.3	0.35 UJ	5.2	2.3 U	0.2 U	1 U	0.97 UJ

Notes

MCL
Indicates the value exceeds the California MCL

EPA	U.S. Environmental Protection Agency
ID	Identification
J	Estimated value
MCL	Maximum Contaminant Level
PRG	Preliminary Remediation Goals
RSL	Regional Screening Levels
SWRCB	State Water Resources Control Board
U	Not detected
ug/L	Micrograms per liter

Table 13: Complete TPH Dectected Results Summary in ug/L
Phase I April 2012 Groundwater Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	TPH - Diesel Range Organics	TPH as Gasoline	TPH - Oil Range Organics
SWRCB GW (drinking water source)		100	
SWRCB GW (not drinking water source)		210	
RFSGWB12001	240 U	70 J	950 U
RFSGWB12002	86	50 U	300 U
RFSGWB12003	13 J	100 J	300 U
RFSGWB12004	50 U	97 UJ	300 U
RFSGWB12101	250 U	50 U	1000 U
RFSGWB12102	50 U	50 U	300 U
RFSGWB12103	50 U	21 J	300 U
RFSGWB12104	50 U	50 UJ	300 U
RFSGWB12801	250 U	50 U	1000 U
RFSGWB12801-D	250 U	50 U	1000 U
RFSGWB12802	50 U	50 U	300 U
RFSGWB12803	28 J	15 J	300 U
RFSGWB12804	50 UJ	50 UJ	300 U
RFSGWB15001	240 U	50 U	950 U
RFSGWB15003	50 U	11 J	300 U
RFSGWB15003D	50 U	8.1 J	300 U
RFSGWB15004	50 U	50 UJ	300 U
RFSGWB15004D	50 U	50 UJ	300 U
RFSGWB15801	240 U	50 U	950 U
RFSGWB15803	50 U	10 J	300 U
RFSGWB15804	50 U	50 UJ	300 U
RFSGWB16301	200 J	46 J	1000 U
RFSGWB16302	64 J	50 U	300 U
RFSGWB16303	11 J	62 J	300 U
RFSGWB16304	50 UJ	50 UJ	300 U
RFSGWB175S01	240 U	50 U	950 U
RFSGWB175S02	50 U	53 U	300 U
RFSGWB175S03	17 J	19 J	300 U
RFSGWB175S04	50 U	50 UJ	300 U
RFSGWB175W01	250 U	50 U	1000 U
RFSGWB175W02	12 U	52 U	300 U
RFSGWB175W03	51 J	36 J	91 J
RFSGWB175W04	50 U	50 UJ	300 U
RFSGWB17701	240 U	50 U	950 U
RFSGWB17702	50 U	50 U	300 U
RFSGWB17703	50 U	12 J	300 U
RFSGWB17704	50 U	50 UJ	300 U
RFSGWB17801	250 U	63 J	1000 U
RFSGWB17802	73 U	50 U	300 U
RFSGWB17803	50 U	120 J	300 U
RFSGWB17804	11 J	94 UJ	300 U
RFSGWB18001	250 U	50 U	1000 U
RFSGWB18002	50 U	50 U	300 U
RFSGWB18003	50 U	21 J	300 U
RFSGWB18003D	50 U	21 J	300 U
RFSGWB18004	50 U	50 UJ	300 U
RFSGWB18501	240 J	36 J	950 U
RFSGWB18502	50 U	50 U	300 U
RFSGWB18502D	62 U	50 U	300 U
RFSGWB18503	50 U	55 J	300 U
RFSGWB18503D	50 U	48 J	300 U
RFSGWB18504	50 U	50 UJ	300 U
RFSGWB19401	240 U	50 U	950 U
RFSGWB19402	50 U	50 U	300 U
RFSGWB19403	50 U	22 J	300 U
RFSGWB19404	50 U	50 UJ	300 U
RFSGWB19501	240 U	59 J	950 U
RFSGWB19502	50 U	50 U	300 U
RFSGWB19502D	51 J	50 U	300 U
RFSGWB19503	50 U	150 J	300 U
RFSGWB19504	50 U	88 UJ	300 U
RFSGWB19701	250 U	73 J	1000 U
RFSGWB19701-D	240 U	74 J	950 U
RFSGWB19702	100 J	50 U	300 U
RFSGWB19703	50 U	110 J	300 U
RFSGWB19704	50 U	92 UJ	300 U
RFSGWB19704D	50 U	95 UJ	300 U
RFSGWB27701	250 U	50 U	1000 U
RFSGWB27702	50 U	50 U	300 U
RFSGWB27703	50 U	9.3 J	300 U
RFSGWB27704	50 U	50 UJ	300 U
RFSGWB27801	250 U	50 U	1000 U
RFSGWB27802	19 J	50 U	300 U
RFSGWB27803	50 U	15 J	300 U
RFSGWB27804	10 J	50 UJ	300 U
RFSGWB280A01	250 U	50 U	1000 U
RFSGWB280A02	50 U	50 U	300 U
RFSGWB280A03	50 U	16 J	300 U
RFSGWB280A04	50 U	50 UJ	300 U
RFSGWB280B01	250 U	50 U	1000 U
RFSGWB280B02	50 U	50 U	300 U
RFSGWB280B03	50 U	20 J	300 U
RFSGWB280B04	50 U	50 UJ	300 U
RFSGWB30001	240 U	50 U	950 U
RFSGWB30002	50 U	50 U	300 U
RFSGWB30003	330 J	210 J	300 U
RFSGWB30004	8.6 J	50 UJ	300 U

Table 13: Complete TPH Dectected Results Summary in ug/L
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Sample ID	TPH - Diesel Range Organics	TPH as Gasoline	TPH - Oil Range Organics
SWRCB GW (drinking water source)		100	
SWRCB GW (not drinking water source)		210	
RFSGWB3801	250 U	50 U	1000 U
RFSGWB3802	50 U	50 U	300 U
RFSGWB3802D	50 U	50 U	300 U
RFSGWB3803	50 U	17 J	300 U
RFSGWB3804	50 U	50 UJ	300 U
RFSGWB45002	18 J	13 J	300 U
RFSGWB45003	50 U	20 J	300 U
RFSGWB45004	50 U	50 UJ	300 U
RFSGWB46001	250 U	50 U	1000 U
RFSGWB46002	50 U	50 U	300 U
RFSGWB46003	50 U	14 J	300 U
RFSGWB46004	50 U	50 UJ	300 U
RFSGWB47301	250 U	50 U	1000 U
RFSGWB47302	50 U	50 U	300 U
RFSGWB47303	50 U	14 J	300 U
RFSGWB47304	50 U	50 UJ	300 U
RFSGWB47401	370 J	49 J	1000 U
RFSGWB47402	50 U	50 U	300 U
RFSGWB47403	50 U	36 J	300 U
RFSGWB47404	50 U	50 UJ	300 U
RFSGWB48001	250 U	50 U	1000 U
RFSGWB48002	19 J	14 J	300 U
RFSGWB48003	50 U	19 J	300 U
RFSGWB48004	50 U	50 UJ	300 U
RFSGWB49001	250 U	50 U	1000 U
RFSGWB49002	50 U	50 U	300 U
RFSGWB49003	50 U	14 J	300 U
RFSGWB49004	8 J	50 UJ	300 U
RFSGWBULB101	240 U	38 J	950 U
RFSGWBULB102	50 U	50 U	300 U
RFSGWBULB103	50 U	21 J	300 U
RFSGWBULB104	50 U	50 UJ	300 U
RFSGWBULB201	170 J	77	1000 U
RFSGWBULB202	50 U	7.8 J	300 U
RFSGWBULB203	50 U	13 J	300 U
RFSGWBULB204	13 J	50 UJ	300 U
RFSGWCCC101	240 U	50 U	950 U
RFSGWCCC102	50 U	50 U	300 U
RFSGWCCC103	12 J	9.5 J	300 U
RFSGWCCC104	49 U	50 UJ	290 U
RFSGWCCC201	250 U	50 U	1000 U
RFSGWCCC202	50 U	50 U	300 U
RFSGWCCC203	14 J	28 J	300 U
RFSGWCCC204	49 U	50 UJ	290 U
RFSGWCCC301	240 U	50 U	950 U
RFSGWCCC301-D	250 U	50 U	1000 U
RFSGWCCC302	50 U	50 U	300 U
RFSGWCCC303	18 J	17 J	300 U
RFSGWCCC303D	50 U	18 J	300 U
RFSGWCCC304	49 U	50 UJ	290 U
RFSGWCCCT01	240 U	38 J	940 U
RFSGWCCCT02	55 U	50 U	300 U
RFSGWCCCT03	50 U	46 J	300 U
RFSGWCCCT04	50 U	54 UJ	300 U
RFSGWCPT01	250 U	50 U	1000 U
RFSGWCPT01-D	250 U	50 U	1000 U
RFSGWCTP02	50 U	50 U	300 U
RFSGWCTP03	50 U	19 J	300 U
RFSGWCTP04	50 U	50 UJ	300 U
RFSGWCTPS01	250 U	50 U	1000 U
RFSGWCTPS02	13 J	50 U	300 U
RFSGWCTPS03	50 U	30 J	300 U
RFSGWCTPS04	13 J	50 UJ	300 U
RFSGWDH01	250 U	50 U	1000 U
RFSGWDH02	50 U	50 U	300 U
RFSGWDH03	50 U	13 J	300 U
RFSGWDH04A	8.5 J	50 UJ	300 U
RFSGWEERC01	160 J	50 U	1000 U
RFSGWEERC02	50 U	50 U	300 U
RFSGWEERC03	50 U	26 J	300 U
RFSGWEERC04	50 U	50 UJ	300 U
RFSGWEPA01	250 U	50 U	1000 U
RFSGWEPA02	13 J	50 U	300 U
RFSGWEPA03	12 J	16 J	300 U
RFSGWEPA04	50 U	50 UJ	300 U
RFSGWEPA04D	50 U	50 UJ	300 U
RFSGWETA01	120 J	50 U	1000 U
RFSGWETA01-D	120 J	50 U	1000 U
RFSGWETA02	50 U	14 J	300 U
RFSGWETA03	14 J	25 J	300 U
RFSGWETA04	49 U	50 UJ	290 U
RFSGWETA04D	49 U	50 UJ	290 U
RFSGWFG01	250 U	50 U	1000 U
RFSGWFG02	21 J	50 U	300 U
RFSGWFG02D	16 J	50 U	300 U
RFSGWFG03	50 U	13 J	300 U
RFSGWFG04	50 U	50 UJ	300 U
RFSGWGEO01	240 U	50 U	950 U
RFSGWGEO02	50 U	50 U	300 U
RFSGWGEO03	50 U	18 J	300 U

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Sample ID	TPH - Diesel Range Organics	TPH as Gasoline	TPH - Oil Range Organics
SWRCB GW (drinking water source)		100	
SWRCB GW (not drinking water source)		210	
RFSGWGEO04	50 U	50 UJ	300 U
RFSGWMFA01	250 U	50 U	1000 U
RFSGWMFA02	50 U	50 U	300 U
RFSGWMFA03	36 J	17 J	300 U
RFSGWMFA04	50 U	50 UJ	300 U
RFSGWNRFL01	120 J	41 J	1000 U
RFSGWNRLF02	50 U	50 U	300 U
RFSGWNRLF03	50 U	20 J	300 U
RFSGWNRLF04	50 U	50 UJ	300 U
RFSGWPZ1101	250 U	310 J	1000 U
RFSGWPZ1102	50 U	50 U	300 U
RFSGWPZ1103	50 U	210 J	300 U
RFSGWPZ1104	50 U	50 UJ	300 U
RFSGWPZ801	250 U	50 U	1000 U
RFSGWPZ802	50 U	50 U	300 U
RFSGWPZ803	50 U	22 J	300 U
RFSGWPZ804	50 U	50 UJ	300 U
RFSGWPZ901	250 U	50 U	1000 U
RFSGWPZ902	50 U	50 U	300 U
RFSGWPZ903	50 U	26 J	130 J
RFSGWPZ903D	50 U	25 J	300 U
RFSGWPZ904	50 U	50 UJ	300 U
RFSGWRWF01	240 U	50 U	950 U
RFSGWRWF02	50 U	50 U	300 U
RFSGWRWF03	50 U	23 J	300 U
RFSGWRWF04	50 U	50 UJ	300 U
RFSGWTP101	240 U	50 U	950 U
RFSGWTP102	50 U	50 U	300 U
RFSGWTP103	50 U	19 J	300 U
RFSGWTP104	13 J	50 UJ	300 U
RFSGWTP201	250 U	50 U	1000 U
RFSGWTP202	50 U	50 U	300 U
RFSGWTP203	31 J	20 J	300 U
RFSGWTP204	50 U	50 UJ	300 U
RFSGWTP204D	50 U	50 UJ	300 U
RFSGWWTA01	250 U	50 U	1000 U
RFSGWWTA02	50 U	50 U	300 U
RFSGWWTA02D	50 U	50 U	300 U
RFSGWWTA03	50 U	13 J	300 U
RFSGWWTA04	9.9 J	50 UJ	300 U

Notes:

ID	Identification
J	Estimated value
SWRCB	State Water Resources Control Board
TPH	Total petroleum hydrocarbons
U	Not detected
ug/L	Micrograms per liter
Y	Sample exhibits chromatographic pattern which does not resemble the standard pattern
Z	Sample exhibits unknown single peak or peaks

ATTACHMENT 1

WELL SAMPLING FORMS

(electronic copy only)

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/6/12 / 1530 Project Site/Subsite: _____

Sample ID: RFSGW EPA 04

Well ID: EPA Point Name: _____

Depth to Well Bottom: 14.2 ft. below top of casing (PVC cap)

Depth to Water Level: 7.78 ft. below PVC cap

Depth to Water Level: ~~N/A~~ 12.15 ft below PVC cap prior to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters 1.4/3 min

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged _____ Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate .035 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1523	1525	1527	1529							
PH	7.17	7.19	7.20	7.19						+/- 0.1	
Temperature (°C)	15.34	15.13	15.09	15.09						+/- 0.5 °C	
Specific Conductance (µmhos/cm)	1.45	1.65	1.65	1.65						+/- 3%	
Turbidity (NTU)	6.1	3.6	3.9	3.9						+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	.50	.41	.36	.33						+/- 0.3	
ORP (mV)	280	280	281	281						+/- 10 mV	
Each Volume Purged (L)	2	.65	.65	.65							
Total Liters Purged	2L										

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) RFSGW EPA 04-D (15:40)

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: CFEMC / R. Johnson.

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/3/12 / Project Site/Subsite: RFSGW Rd 4/CPT

Sample ID: RFSGWCPTØ4

Well ID: CPT Point Name: CPT

think this might be CTP Coastal Terrace prairie

Depth to Well Bottom: 17.2 ft. below top of casing (PVC cap)

Depth to Water Level: 10.24 ft. below PVC cap

Depth to Water Level: 10.43 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump ~~Submersible Pump~~ Peristaltic
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged _____ Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	15:16	15:18	15:20	15:22	15:24	15:26					
PH	7.36	7.11	7.09	7.06	7.03	7.03				+/- 0.1	
Temperature (°C)	16.78	15.14	15.14	15.26	15.16	15.17				+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	0.898	0.933	0.939	0.921	0.919	0.910				+/- 3%	
Turbidity (NTU)	45.1	44.1	39.2	35.7	34.4	35.8				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	0.75	0.65	0.63	0.68	1.00	1.08				+/- 0.3	
ORP (mV)	292	293	293	293	292	292				+/- 10 mV	
Each Volume Purged (L)		1	1	1	1	1					
Total Liters Purged		1	2	3	4	5					

Duplicate Sample Collected? No Yes (Sample ID of Duplicate) RFSGWStalCPTØ1 – volatiles only

MS/MSD Sample Collected? No Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Carolyn Ferlic

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/6/12 / 11:15 Project Site/Subsite: _____

Sample ID: RFS GW PZ904

Well ID: PZ-9 Point Name: _____

Depth to Well Bottom: 19.55 ft. below top of casing (PVC cap)

Depth to Water Level: 11.31 ft. below PVC cap

Depth to Water Level: 11.61 ft below PVC cap prior to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 7 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1100	1102	1104	1106	1108	1110	1112				
PH	6.69	6.65	6.66	6.63	6.63	6.62	6.62			+/- 0.1	
Temperature (°C)	16.58	16.58	16.65	16.68	16.75	16.86	16.81			+/- 0.5 °C	
Specific Conductance (µmhos/cm)	0.634	0.612	0.611	0.617	0.635	0.712	0.710			+/- 3%	
Turbidity (NTU)	8.7 ~~280~~	9.8	8.4	9.7	8.9	9.4	8.2			+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	0.88	0.50	0.38	0.31	0.28	0.24	0.23			+/- 0.3	
ORP (mV)	280	280	280	280	280	280	279			+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1	1				
Total Liters Purged	1	2	3	4	5	6	7				

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? No (Yes) _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: _____

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/5/2012 16:12 Project Site/Subsite: RFS GW PZ1.

Sample ID: RFSGWPZ11204

Well ID: PZ11 Point Name: _____

Depth to Well Bottom: 18.74' ft. below top of casing (PVC cap)

Depth to Water Level: 7.92 ft. below PVC cap

Depth to Water Level: _____ ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged _____ Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate _____ Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	16:~~55~~	16:~~57~~	16:~~59~~	16:~~56~~							
PH	5.~~06~~	5.~~05~~	5.04	5.05						+/- 0.1	
Temperature (°C)	14.~~66~~	14.~~79~~	14.~~96~~	14.81						+/- 0.5 °C	
Specific Conductance (µmhos/cm)	2.~~97~~	2.91	2.~~98~~	2.~~96~~						+/- 3%	
Turbidity (NTU)	11.5	10.8	10.5	10.4						+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.48	1.35	1.31	1.27						+/- 0.3	
ORP (mV)	29~~6~~	29~~6~~	29~~8~~	29~~8~~						+/- 10 mV	
Each Volume Purged (L)	1	1	1	1							
Total Liters Purged	1	2	3	4							

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: _____

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 9/6/2012 1425 Project Site/Subsite: NFS GW R4

Sample ID: NFSGWB158DA

Well ID: B158 Point Name: _____

Depth to Well Bottom: 14.40 ft. below top of casing (PVC cap)

Depth to Water Level: 9.05 ft. below PVC cap

Depth to Water Level: 9.15 ft below PVC cap prior to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters 1L/3min

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged _____ Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate _____ Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1405	1408	1411	1414	1417	1420	1423				
PH	6.63	6.57	6.58	6.59	6.58	6.61	6.62			+/- 0.1	
Temperature (°C)	15.84	15.60	15.54	15.55	15.60	15.60	15.55			+/- 0.5 °C	
Specific Conductance (µmhos/cm)	0.270	0.262	0.263	0.262	0.263	0.263	0.263			+/- 3%	
Turbidity (NTU)	79.4	84.6	75.1	70.2	57.1	56.2	53.1			+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	3.96	3.30	3.29	3.26	3.26	3.30	3.35			+/- 0.3	
ORP (mV)	269	267	330	266	266	266	265			+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1	1				
Total Liters Purged	1	2	3	4	5	6	7				

Duplicate Sample Collected? No Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? No Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: _____

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 9/16/2012 / 1230 Project Site/Subsite: RFSGW R4

Sample ID: RFSGWB473D4

Well ID: B473 Point Name: —

Depth to Well Bottom: 17.0' ft. below top of casing (PVC cap)

Depth to Water Level: 10.12 ft. below PVC cap

Depth to Water Level: _____ ft below PVC cap prior to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer -peristaltic

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate .33 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1216	1219	1222	1225	1228						
PH	6.87	6.84	6.84	6.84	6.85					+/- 0.1	
Temperature (°C)	15.91	15.56	15.57	15.56	15.57					+/- 0.5 °C	
Specific Conductance (µmhos/cm)	.490	.479	.474	.480	.486					+/- 3%	
Turbidity (NTU)	27.6	25.2	27.0	22.1	18.2					+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	6.01	6.47	6.56	6.60	6.58					+/- 0.3	
ORP (mV)	275	275	275	275	275					+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1						
Total Liters Purged	1L	2	3	4	5						

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: CAFelix / R. Johnson.

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/6/2012 1030 Project Site/Subsite: RFSGW R4

Sample ID: RFSGWEERC04

Well ID: EERC Point Name: _____

Depth to Well Bottom: 16.95 ft. below top of casing (PVC cap)

Depth to Water Level: 11.26 ft. below PVC cap

Depth to Water Level: 13.82 ft below PVC cap prior to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 4 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate .33 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1015	1018	1021	1024							
PH	6.80	6.78	6.78	6.78						+/- 0.1	
Temperature (°C)	14.84	14.82	14.79	14.80						+/- 0.5 °C	
Specific Conductance (µmhos/cm)	5.01	5.00	4.98	4.99						+/- 3%	
Turbidity (NTU)	6.7	5.8	5.3	5.9						+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	2.03	1.75	1.70	1.62						+/- 0.3	
ORP (mV)	283	284	285	286						+/- 10 mV	
Each Volume Purged (L)	1	1	1	1							
Total Liters Purged	1L	2L	3L	4L							

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: CTEMC / R. Johnson.

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/6/2012 934 Project Site/Subsite: _____

Sample ID: RFSGWB460004

Well ID: B460 Point Name: _____

Depth to Well Bottom: 18.2 ft. below top of casing (PVC cap)

Depth to Water Level: 11.5 ft. below PVC cap

Depth to Water Level: 13.5 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer -peristaltic.

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate NA .25 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading	lowered tubing ↓924								Stabilization Criteria	Final
Time	913	916	~~919~~	926	928	930	932				
PH	6.83	6.81	4.77	6.77	6.78	6.77	6.77			+/- 0.1	
Temperature (°C)	14.76	4.72	15.19	15.09	14.98	14.99	14.94			+/- 0.5 °C	
Specific Conductance (µmhos/cm)	.433	.444	.423	.429	.434	.432	.433			+/- 3%	
Turbidity (NTU)	6.5	6.4	5.9	5.1	5.4	5.2	5.5			+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	2.19	2.20	1.76	1.51	1.71	1.61				+/- 0.3	
ORP (mV)	274	274	274	274	275	275	275			+/- 10 mV	
Each Volume Purged (L)	1	1	1	.5	.5	.5	.5				
Total Liters Purged	1L	2L	3L	3.5L	4L	4.5L	5L				

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: Cemil R. Johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/6/2012 840 Project Site/Subsite: _____

Sample ID: RFSGWB450404

Well ID: B450 Point Name: _____

Depth to Well Bottom: 15.6' ft. below top of casing (PVC cap)

Depth to Water Level: 11.51 ft. below PVC cap

Depth to Water Level: 11.51 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer - peristaltic.

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 3.5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.25 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	826	828	830	832	834	836					
PH	6.67	6.64	6.64	6.62	6.62	6.61				+/- 0.1	
Temperature (°C)	15.40	16.32	16.32	16.42	16.47	16.42				+/- 0.5 °C	
Specific Conductance (µmhos/cm)	1.223	1.215	1.209	1.202	1.209	1.208				+/- 3%	
Turbidity (NTU)	50.7	39.9	30.7	25.0	21.9	21.6				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	3.15	3.16	3.18	3.25	3.27	3.31				+/- 0.3	
ORP (mV)	280	280	280	280	280	280				+/- 10 mV	
Each Volume Purged (L)	1	.5	.5	.5	.5	.5					
Total Liters Purged	1	1.5	2L	2.5	3L	3.5L					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: C Ferrucci R. Johnson.

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/2/2012 14:07 Project Site/Subsite: RFS

Sample ID: RFSGWCTPS04 RFSGWCTP04 (on Table 4)

Well ID: CTPS Point Name: _____

Depth to Well Bottom: 13.9 ft. below top of casing (PVC cap)

Depth to Water Level: 7.53 ft. below PVC cap

Depth to Water Level: 10.34 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 4.5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.25 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	13:50	13:52	13:54	13:56	13:58	14:00	14:02	14:04	14:06		
PH	6.71	6.72	6.69	6.72	6.73	6.76	6.74	6.71	6.72	+/- 0.1	
Temperature (°C)	14.94	15.0	14.99	14.95	14.97	14.96	15.01	14.97	15.03	+/- 0.5 °C	
Specific Conductance (µmhos/cm)	0.864	0.771	0.779	0.772	0.792	0.790	0.779	0.792	0.784	+/- 3%	
Turbidity (NTU)	13.0	12.2	10.8	9.9	9.4	9.0	9.4	8.9	10.2	+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	6.37	4.78	5.00	5.42	5.64	5.95	5.99	6.14	6.0	+/- 0.3	
ORP (mV) 285	4.00	285	285	285	285	285	285	285	285	+/- 10 mV	
Each Volume Purged (L)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
Total Liters Purged	0.5L	1L	1.5L	2.0L	2.5L	3.0L	3.5L	4.0L	4.5L		

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments NA

Sample(s) Collected By: C. FERLIC ; Q. JOHNSON

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/2/2012 / 1708 Project Site/Subsite: RFS GW R4

Sample ID: RFSGWTP104 not in table

Well ID: TP1 Point Name: –

Depth to Well Bottom: 16.0 ft. below top of casing (PVC cap)

Depth to Water Level: 9.87 ft. below PVC cap

Depth to Water Level: 9.77 ft below PVC cap prior to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer – peristaltic –

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1658	1700	1702	1704	1706						
PH	6.89	6.86	6.84	6.82	6.83					+/- 0.1	
Temperature (°C)	17.14	17.20	17.21	17.19	17.18					+/- 0.5 °C	
Specific Conductance (µmhos/cm)	3.11	3.13	3.12	3.06	3.02					+/- 3%	
Turbidity (NTU)	27.4	17.2	13.2	11.2	12.0					+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	.86	.47	.36	.30	.27					+/- 0.3	
ORP (mV)	288	287	286	286	286					+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1						
Total Liters Purged	1	2	3	4	5						

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): –

Comments –

Sample(s) Collected By: CFerhel & Johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/5/2012 Project Site/Subsite: RFS GW R4

Sample ID: RFSGWB27804 not on list

Well ID: B279 Point Name: -

Depth to Well Bottom: 16.14 ft. below top of casing (PVC cap)

Depth to Water Level: 8.3' ft. below PVC cap

Depth to Water Level: 9.17 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer PERISTALTIC PUMP

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 9 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	11:20	11:22	11:24	11:26	11:28	11:30	11:32	11:34	11:36		
PH	6.93	6.92	6.92	6.91	6.90	6.90	6.90	6.89	6.90	+/- 0.1	
Temperature (°C)	14.94	14.80	14.82	14.95	14.90	15.07	15.12	15.17	15.13	+/- 0.5 °C	
Specific Conductance (µmhos/cm)	3.44	3.43	3.43	3.43	3.42	3.42	3.41	3.41	3.41	+/- 3%	
Turbidity (NTU)	16.7	14.2	12.7	12.4	11.0	10.7	9.2	9.3	9.0	+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.87	1.87	1.90	1.91	1.91	1.72	1.57	1.20	1.43	+/- 0.3	
ORP (mV)	299	299	300	300	300	300	300	301	301	+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1	1	1	1		
Total Liters Purged	1	2	3	4	5	6	7	8	9		

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments None

Sample(s) Collected By: C FERLIC ; Q JOHNSON

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/5/2012 15:11 Project Site/Subsite: RFS

Sample ID: RFSGWWTA04

Well ID: WTA Point Name: -

Depth to Well Bottom: 14.0 ft. below top of casing (PVC cap)

Depth to Water Level: 5.20 ft. below PVC cap

Depth to Water Level: 5.55 ft below PVC cap ~~prior~~ AFTER to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 9 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	14:54	14:56	14:58	15:00	15:02	15:04	15:06	15:08	15:10		
PH	7.20	7.21	7.19	7.15	7.15	7.15	7.15	7.14	7.14	+/- 0.1	
Temperature (°C)	14.77	14.68	14.73	14.84	14.89	14.90	14.91	14.93	14.92	+/- 0.5 °C	
Specific Conductance (µmhos/cm)	1.84	1.84	1.81	1.78	1.74	1.72	1.73	1.71	1.72	+/- 3%	
Turbidity (NTU)	70.2	59.1	141	118	107	98.2	96.1	85.4	88.0	+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	0.73	0.38	0.29	0.26	0.25	0.23	0.23	0.21	0.22	+/- 0.3	
ORP (mV)	286	286	287	287	287	287	287	287	287	+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1	1	1	1		
Total Liters Purged (L)	1	2	3	4	5	6	7	8	9		

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments ROOTS IN SAMPLE WATER

Sample(s) Collected By: C. FERLIC , Q. JOHNSON

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/5/2012 10:32 Project Site/Subsite: RFS

Sample ID: RFSGWMFA04

Well ID: MFA Point Name: MFA

Depth to Well Bottom: 13.81 ft. below top of casing (PVC cap)

Depth to Water Level: 2.35 ft. below PVC cap

Depth to Water Level: 2.34 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 9 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	10:13	10:15	10:17	10:19	10:21	10:23	10:25	10:27	10:29		
PH	7.21	7.15	7.11	7.10	7.12	7.08	7.09	7.08	7.08	+/- 0.1	
Temperature (°C)	14.55	14.63	14.66	14.72	14.77	14.82	14.81	14.83	14.83	+/- 0.5 °C	
Specific Conductance (µmhos/cm)	1.335	1.163	1.137	1.130	1.092	1.100	1.081	1.092	1.082	+/- 3%	
Turbidity (NTU)	31.9	37.7	32.7	28.5	26.1	24.3	22.4	21.2	18.9	+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	0.56	0.38	0.32	0.27	0.25	0.25	0.23	0.23	0.22	+/- 0.3	
ORP (mV)	303	305	306	306	305	305	305	304	303	+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1	1	1	1		
Total Liters Purged	1	2	3	4	5	6	7	8	9		

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: steve | a johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/5/2012 9:37 Project Site/Subsite: RFS

Sample ID: RFSGWBULB104

Well ID: BULB1 Point Name: BULB1

Depth to Well Bottom: 18.00 ft. below top of casing (PVC cap)

Depth to Water Level: 3.93 ft. below PVC cap

Depth to Water Level: 6.86 ft below PVC cap after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer PERISTALTIC PUMP

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 6 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	9:25	9:27	9:29	9:31	9:33	9:35					
PH	8.02	8.07	8.08	8.08	8.08	8.08				+/- 0.1	
Temperature (°C)	14.15	14.06	14.03	14.07	14.11	14.13				+/- 0.5 °C	
Specific Conductance (µmhos/cm)	40.6	40.6	40.6	40.6	40.6	40.6				+/- 3%	
Turbidity (NTU)	22.0	17.6	16.1	13.8	12.1	14.2				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	0.54	0.44	0.33	0.30	0.27	0.25				+/- 0.3	
ORP (mV)	299	301	303	304	305	305				+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1					
Total Liters Purged	1	2	3	4	5	6					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments NONE

Sample(s) Collected By: CF, QJ

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 9/5/2012/ 900 Project Site/Subsite: _____

Sample ID: RFSGWBULB2DA

Well ID: Bulb 2 Point Name: _____

Depth to Well Bottom: 18.4 ft. below top of casing (PVC cap)

Depth to Water Level: 3.34 ft. below PVC cap

Depth to Water Level: 3.35 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer - peristaltic pump -

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged _____ Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	845	847	849	851	853	855	857				
PH	7.05	7.09	7.09	7.09	7.09	7.09	7.08			+/- 0.1	
Temperature (°C)	14.87	14.74	14.75	14.78	14.82	14.83	14.83			+/- 0.5 °C	
Specific Conductance (µmhos/cm)	11.08	9.55	9.18	8.94	8.83	8.76	8.72			+/- 3%	
Turbidity (NTU)	128	74.7	54.7	39.9	35.4	32.5	28.2			+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	.95	.71	.61	.46	.43	.39	.35			+/- 0.3	
ORP (mV)	296	299	300	301	301	301	301			+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1	1				
Total Liters Purged	1L	2L	3L	4L	5L	6L	7L				

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: CTEMC / Q. Johnson.

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 9/4/2012 / 1612 Project Site/Subsite: _____

Sample ID: RFSGWB150404

Well ID: B150 Point Name: _____

Depth to Well Bottom: 15.10 ft. below top of casing (PVC cap)

Depth to Water Level: 1.93' ft. below PVC cap

Depth to Water Level: 2.71' ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer - peristaltic.

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate _____ Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1602	1604	1606	1608	1610						
PH	6.70	6.68	6.67	6.68	6.67					+/- 0.1	
Temperature (°C)	14.39	14.31	14.24	14.23	14.19					+/- 0.5 °C	
Specific Conductance (µmhos/cm)	.321	.327	.322	.324	.322					+/- 3%	
Turbidity (NTU)	30.4	29.1	30.8	31.4	32.1					+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	9.00	8.93	8.86	8.82	8.80					+/- 0.3	
ORP (mV)	284	284	284	284	284					+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1						
Total Liters Purged	1L	2L	3L	4L	5L						

Duplicate Sample Collected? No (Yes) (Sample ID of Duplicate) ~~RFSGWB150404~~ RFSGWB150404D. - 16:20

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: Cherrie C. Kennedy.

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 9/4/2012/ 1540 Project Site/Subsite: _____

Sample ID: RFSGWB177Q4

Well ID: B177 Point Name: _____

Depth to Well Bottom: 18.76' ft. below top of casing (PVC cap)

Depth to Water Level: 7.85' ft. below PVC cap

Depth to Water Level: 7.82' ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer - peristaltic

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate .05 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1528	1530	1532	1534	1536						
PH	6.27	6.18	6.19	6.19	6.19					+/- 0.1	
Temperature (°C)	15.53	15.42	15.41	15.41	15.36					+/- 0.5 °C	
Specific Conductance (µmhos/cm)	.480	.482	.473	.481	.476					+/- 3%	
Turbidity (NTU)	77.0	50.6	40.8	39.4	40.3					+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	4.69	4.62	4.48	4.46	4.49					+/- 0.3	
ORP (mV)	288	288	288	288	286					+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1L						
Total Liters Purged	1L	2L	3L	4L	5L						

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: Cherie C Kennedy

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/4/2012 1502 Project Site/Subsite: RFS GW RA

Sample ID: RFSGWB38Q4

Well ID: B38 Point Name: _____

Depth to Well Bottom: 15.85' ft. below top of casing (PVC cap)

Depth to Water Level: 6.23' ft. below PVC cap

Depth to Water Level: 6.32' ft below PVC cap prior to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer -peristaltic-

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 6 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1451	1453	1455	1457	1459	1501					
PH	6.56	6.54	6.57	6.53	6.54	6.54				+/- 0.1	
Temperature (°C)	14.45	14.44	14.47	14.47	14.50	14.50				+/- 0.5 °C	
Specific Conductance (µmhos/cm)	.399	.406	.405	.403	.406	.408				+/- 3%	
Turbidity (NTU)	14.8	12.5	10.1	10.2	9.4	9.2				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	2.54	2.22	2.06	1.85	1.77	1.72				+/- 0.3	
ORP (mV)	283	284	284	285	285	285				+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1					
Total Liters Purged	1L	2L	3L	4L	5L	6L					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: CTEMC / C. Kennedy

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/4/2012 / 1430 Project Site/Subsite: RFS GW R4

Sample ID: RFSGWB18QQ4

Well ID: B18Q Point Name: _____

Depth to Well Bottom: 16.05 ft. below top of casing (PVC cap)

Depth to Water Level: 5.36 ft. below PVC cap

Depth to Water Level: 5.40 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer peristaltic

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 6 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate .05 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1418	1420	1422	1424	1426	1428					
PH	7.30	7.29	7.27	7.27	7.26	7.27				+/- 0.1	
Temperature (°C)	15.32	15.22	15.14	15.11	15.08	15.09				+/- 0.5 °C	
Specific Conductance (µmhos/cm)	.442	.436	.437	.435	.437	.435				+/- 3%	
Turbidity (NTU)	59.1	51.3	46.5	48.9	47.3	47.1				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	5.48	6.38	6.94	7.29	7.46	7.59				+/- 0.3	
ORP (mV)	286	286	285	285	284	284				+/- 10 mV	
Each Volume Purged (L)	1L	1	1	1	1	1					
Total Liters Purged	1L	2L	3L	4L	5L	6L					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: CTerrio / C. Kennedy.

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/4/2012 1400 Project Site/Subsite: RFS GW RA

Sample ID: RFSGWRWF04

Well ID: RWF. Point Name: —

Depth to Well Bottom: 17.76 ft. below top of casing (PVC cap)

Depth to Water Level: 6.96 ft. below PVC cap

Depth to Water Level: 6.991 ft below PVC cap after prior to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer peristaltic.

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 6 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1345	1347	1349	1351	1353	1355					
PH	6.90	6.81	6.73	6.72	6.75	6.76				+/- 0.1	
Temperature (°C)	15.58	15.62	15.67	15.59	15.54	15.57				+/- 0.5 °C	
Specific Conductance (µmhos/cm)	1.187	1.244	1.269	1.199	1.153	1.152				+/- 3%	
Turbidity (NTU)	—	48.7	53.4	54.6	58.3	62.6				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.12	0.79	0.39	.31	.28	.28				+/- 0.3	
ORP (mV)	292	293	293	293	293	293				+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1					
Total Liters Purged	1L	2L	3L	4L	5L	6L					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: CKellic, CKennedy

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/4/2012 1320 Project Site/Subsite: RFS GW RA

Sample ID: RFSGWB194Q4

Well ID: B194 Point Name:

Depth to Well Bottom: 17.1 ft. below top of casing (PVC cap)

Depth to Water Level: 7.04 ft. below PVC cap

Depth to Water Level: ~~initial~~ 7.85' ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1308	1310	1312	1314	1316						
PH	6.83	6.82	6.83	6.83	6.84					+/- 0.1	
Temperature (°C)	16.13	16.00	16.08	16.07	16.13					+/- 0.5 °C	
Specific Conductance (µmhos/cm)	.905	.908	.917	.903	.928					+/- 3%	
Turbidity (NTU)	35.5	32.8	33.0	33.6	35.4					+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	2.93	2.54	2.40	2.28	2.22					+/- 0.3	
ORP (mV)	292	292	292	292	292					+/- 10 mV	
Each Volume Purged (L)	1L	1L	1L	1L	1L						
Total Liters Purged	1L	2L	3L	4L	5L						

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments ←

Sample(s) Collected By: Cleric | Cikenedy

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/4/2012 1105 Project Site/Subsite: _____

Sample ID: RFSGWB175WP04

Well ID: B175W Point Name: _____

Depth to Well Bottom: 19.81 ft. below top of casing (PVC cap)

Depth to Water Level: 4.03 ft. below PVC cap

Depth to Water Level: 4.51 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer peristaltic pump

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 8L Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1048	1050	1052	1054	1056	1058	11:00	11:02			
PH	6.84	6.69	6.65	6.63	6.61	6.61	6.59	6.59		+/- 0.1	
Temperature (°C)	16.16	16.15	16.20	16.25	16.22	16.22	16.27	16.21		+/- 0.5 °C	
Specific Conductance (µmhos/cm)	.400	.377	.370	.359	.358	.350	.354	.355		+/- 3%	
Turbidity (NTU)	10.3	7.2	8.5	8.6	9.9	9.7	10.3	12.4		+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	2.03	2.13	1.90	1.70	1.62	1.55	1.51	1.53		+/- 0.3	
ORP (mV)	285	285	285	284	284	284	284	284		+/- 10 mV	
Each Volume Purged (L)	1L	1L	1L	1L	1L	1L	1L	1L			
Total Liters Purged	1L	2L	3L	4L	5L	6L	7L	8L			

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? No (Yes) _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: Chemical Remedy

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/9/2012/ 1020 Project Site/Subsite: NFS GW R4

Sample ID: RFSGW1755 04

Well ID: 1755 Point Name: _____

Depth to Well Bottom: 14.82 ft. below top of casing (PVC cap)

Depth to Water Level: 7.01 ft. below PVC cap

Depth to Water Level: ~~WATER~~ 7.08' ft below PVC cap prior to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 9L Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate _____ Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1002	1004	1006	1008	1010	1012	1014	1016	1018		
PH	6.65	6.65	6.64	6.65	6.67	6.67	6.68	6.69	6.69	+/- 0.1	
Temperature (°C)	15.28	15.34	15.43	15.52	15.59	15.56	15.59	15.60	15.62	+/- 0.5 °C	
Specific Conductance (µmhos/cm)	.874	.874	.874	.859	.861	.855	.861	.869	.864	+/- 3%	
Turbidity (NTU)	16.8	22.4	30.5	50.4	43.3	36.4	30.7	25.6	23.0	+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	3.59	3.60	3.44	3.25	2.93	2.94	2.72	2.61	2.50	+/- 0.3	
ORP (mV)	291	291	292	292	292	292	292	292	292	+/- 10 mV	
Each Volume Purged (L)	1L	1L	1L	1L	1L	1L	1L	1L	1L		
Total Liters Purged	1L	2L	3L	4L	5L	6L	7L	8L	9L		

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: Chemical C. Kemedy

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/4/2024 939 Project Site/Subsite: LFS GW RA

Sample ID: LFSGWB121Q4

Well ID: B121 Point Name: _____

Depth to Well Bottom: 17.8' ft. below top of casing (PVC cap)

Depth to Water Level: 7.23 ft. below PVC cap

Depth to Water Level: 7.41 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer peristaltic pump

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 9 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate _____ Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	916	918	920	922	924	926	928	930	932		
PH	7.00	6.95	6.94	6.93	6.93	6.92	6.92	6.92	6.91	+/- 0.1	
Temperature (°C)	15.32	15.49	15.59	15.61	15.67	15.78	15.83	15.85	15.81	+/- 0.5 °C	
Specific Conductance (µmhos/cm)	.865	.857	.845	.858	.857	.858	.895	.851	.850	+/- 3%	
Turbidity (NTU)	36.0	34.6	46.1	38.1	30.6	28.1	24.0	21.2	19.5	+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.29	1.07	.96	.87	.80	.71	.64	.61	.61	+/- 0.3	
ORP (mV)	289	290	290	290	291	290	291	291	291	+/- 10 mV	
Each Volume Purged (L)	1L	1L	1L	1L	1L	1L	1L	1L	1L		
Total Liters Purged	1L	2L	3L	4L	5L	6L	7L	8L	9L		

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: OFerlic / C. Kennedy.

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/4/2012 8:45 Project Site/Subsite: RFS GWR4

Sample ID: RFSGWCCCT04

Well ID: CCCT Point Name: _____

Depth to Well Bottom: 15.11 ft. below top of casing (PVC cap)

Depth to Water Level: 4.09' ft. below PVC cap

Depth to Water Level: 4.22 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer peristaltic.

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 7L Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5L Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	8:32	8:34	8:36	~~8:38~~	8:40	8:42	8:44				
PH	7.05	7.02	7.00	6.99	6.98	6.97	6.96			+/- 0.1	
Temperature (°C)	13.63	13.98	14.07	14.11	14.24	14.28	14.30			+/- 0.5 °C	
Specific Conductance (µmhos/cm)	2.06	1.96	1.92	1.90	1.85	1.82	1.82			+/- 3%	
Turbidity (NTU)	53.9	51.3	38.2	31.9	25.2	21.0	18.6			+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.08	.57	.49	.42	.37	.31	.30			+/- 0.3	
ORP (mV)	298	295	292	291	290	289	290			+/- 10 mV	
Each Volume Purged (L)	1L	1L	1L	1L	1L	1L	1L				
Total Liters Purged	1L	2L	3L	4L	5L	6L	7L				

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments None.

Sample(s) Collected By: CTEH/ C. Kennedy.

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/3/12 16:55 Project Site/Subsite: RFS GW Rd4 / B277

Sample ID: RFSGWB277Ø4

Well ID: B277 Point Name: _____

Depth to Well Bottom: 17.9 ft. below top of casing (PVC cap)

Depth to Water Level: 9.75 ft. below PVC cap

Depth to Water Level: 9.77 ft below PVC cap prior to sampling

Method of Purging: Bladder Pump ~~Submersible Pump~~ Peristaltic
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate Ø.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	16:43	16:45	16:47	16:49	16:51	16:53					
PH	7.Ø6	7.31	7.34	7.34	7.34					+/- 0.1	
Temperature (°C)	16.97	15.81	15.80	15.77	15.71	15.71				+/- 0.5 °C	
Specific Conductance (µmhos/cm) in S/cm	Ø.795	Ø.735	Ø.733	Ø.738	Ø.738	Ø.737				+/- 3%	
Turbidity (NTU)	32.2	38.Ø	21.2	19.8	18.5	18.2				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.3Ø	Ø.61	Ø.43	Ø.34	Ø.29	Ø.28				+/- 0.3	
ORP (mV)	292	292	292	292	292	292				+/- 10 mV	
Each Volume Purged (L)		1	1	1	1	1					
Total Liters Purged		1	2	3	4	5					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Carolyn Ferlic

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/3/12 16:20 Project Site/Subsite: RFSGW B28ØA Ø4

Sample ID: RFSGWB28ØAØ4

Well ID: B28ØA Point Name: _____

Depth to Well Bottom: 13.6 ft. below top of casing (PVC cap)

Depth to Water Level: 10.14 ft. below PVC cap

Depth to Water Level: 10.15 ft below PVC cap ~~prior to~~ after sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer Peristaltic

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 6 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate Ø.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading								Stabilization Criteria	Final
Time	16:04	16:06	16:08	16:10	16:12	16:14	16:16			
PH	7.08	6.93	6.91	6.92	6.92	6.92	6.92		+/- 0.1	
Temperature (°C)	16.89	16.37	16.34	16.34	16.33	16.31	16.33		+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	Ø.89Ø	Ø.877	Ø.879	Ø.879	Ø.885	Ø.887	Ø.885		+/- 3%	
Turbidity (NTU)	234	18.7	17.5	16.8	16.Ø	16.2	15.9		+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	2.95	1.12	Ø.86	Ø.54	ØA2	Ø.34	Ø.32		+/- 0.3	
ORP (mV)	292	293	293	293	293	293	293		+/- 10 mV	
Each Volume Purged (L)		1	1	1	1	1	1			
Total Liters Purged		1	2	3	4	5	6			

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Carolyn Ferlic

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/3/12 15:05 Project Site/Subsite: RFS GW-FSW3

Sample ID: ~~RFSGWCPTDEEP0412~~ RFSGWDEEPCPT01

Well ID: CPT DEEP Point Name: CPT DEEP think this might be CTP

Depth to Well Bottom: 40.3 ft. below top of casing (PVC cap)

Depth to Water Level: 10.54 ft. below PVC cap

Depth to Water Level: 13.08 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Bailer ~~Submersible Pump~~ Peristaltic

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged _____ Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading								Stabilization Criteria	Final
Time	14:51	14:57	15:00	15:02						
PH	7.69	7.63	7.67	7.65					+/- 0.1	
Temperature (°C)	17.46	16.13	16.15	16.17					+/- 0.5 °C	
Specific Conductance (µmhos/cm)	0.669	0.650	0.641	0.649					+/- 3%	
Turbidity (NTU)	34.3	30.6	35.9	38.1					+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	4.55	0.79	0.51	0.44					+/- 0.3	
ORP (mV)	299	299	299	299					+/- 10 mV	
Each Volume Purged (L)		3	1 1/2	1						
Total Liters Purged		3	4 1/2	5 1/2						

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments Volatiles only

Sample(s) Collected By: Carolyn Ferlic

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/3/12 14:25 Project Site/Subsite: RFS GW Rd 4/B280

Sample ID: RFSGWB280B04

Well ID: B280B Point Name: B280B

Depth to Well Bottom: 16.0 ft. below top of casing (PVC cap)

Depth to Water Level: 9.94 ft. below PVC cap

Depth to Water Level: ~~16.0~~ 12.74 ft below PVC cap ~~prior to~~ after sampling

Method of Purging: Bladder Pump ~~Submersible Pump~~ Peristaltic
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	14:10	14:12	14:14	14:16	14:18	14:20					
PH	7.17	7.35	7.37	7.37	7.39	7.40				+/- 0.1	
Temperature (°C)	21.40	15.58	15.41	15.34	15.31	15.30				+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	1.028	0.898	0.894	0.896	0.893	0.895				+/- 3%	
Turbidity (NTU)	59.4	24.0	19.1	22.1	22.3	21.6				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	5.35	6.56	6.69	6.61	6.70	6.71				+/- 0.3	
ORP (mV)	293	293	293	293	293	293				+/- 10 mV	
Each Volume Purged (L)		1	1	1	1	1					
Total Liters Purged		1	2	3	4	5					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Caselyn Fertic

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/3/12 12:50 Project Site/Subsite: RTSGW Rd4/B195

Sample ID: RTSGWB19504

Well ID: B195 Point Name: B195

Depth to Well Bottom: 16.2 ft. below top of casing (PVC cap)

Depth to Water Level: 4.51 ft. below PVC cap

Depth to Water Level: 4.51 ft below PVC cap ~~prior to~~ after sampling

Method of Purging: Bladder Pump ~~Submersible Pump~~ Peristaltic
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	12:35	12:37	12:39	12:41	12:43	12:45					
PH	6.89	6.88	6.93	6.92	6.91	6.89				+/- 0.1	
Temperature (°C)	15.87	14.87	14.63	14.66	14.67	14.69				+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	2.20	1.50	1.147	1.124	1.103	1.091				+/- 3%	
Turbidity (NTU)	103	80.2	60.9	48.8	44.0	42.1				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.45	2.10	3.25	3.54	3.65	3.66				+/- 0.3	
ORP (mV)	292	293	292	292	292	292				+/- 10 mV	
Each Volume Purged (L)		1	1	1	1	1					
Total Liters Purged		1	2	3	4	5					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Carolyn Ferlic

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/3/12 / 11:00 Project Site/Subsite: RFS GW Rd 4 / B197

Sample ID: RFSGWB197004

Well ID: B197 Point Name: B197

Depth to Well Bottom: 7.50 ft. below top of casing (PVC cap) → seems to be an obstruction @ 7.5 ft

Depth to Water Level: 4.09 ft. below PVC cap

Depth to Water Level: 4.30 ft below PVC cap ~~prior to~~ after original sampling
4.19 after deep

Method of Purging: Bladder Pump Submersible Pump
Bailer Peristaltic Pump

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 8 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 L/m Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	16:44	10:46	10:48	10:50	10:52	10:54	10:56	10:58	11:00		
PH	6.80	6.75	6.78	6.79	6.79	6.79	6.78	6.77	6.77	+/- 0.1	
Temperature (°C)	15.93	15.84	15.93	16.03	16.12	16.14	16.12	16.12	16.12	+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	2.81	2.94	3.03	3.21	3.23	3.13	3.03	2.98	2.99	+/- 3%	
Turbidity (NTU)	119	100	67.1	57.1	54.5	54.4	51.2	47.8	47.6	+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	0.85	0.70	0.57	0.48	0.44	0.37	0.36	0.34	0.31	+/- 0.3	
ORP (mV)	245	226	213	223	240	251	259	264	265	+/- 10 mV	
Each Volume Purged (L)		1	1	1	1	1	1	1	1		
Total Liters Purged		1	2	3	4	5	6	7	8		

Duplicate Sample Collected? No (Yes) (Sample ID of Duplicate) RFSGWB197004D

MS/MSD Sample Collected? No Yes _____

Sample Remarks (odors, colors, sediment): Sulfur Smell

Comments Obstruction in well, looks like plant matter?

Sample(s) Collected By: Carolyn Ferlic

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/3/12 Project Site/Subsite: RFSGW Rd4 / B120

Sample ID: RFSGW B120 Q4

Well ID: B120 Point Name: B120

Depth to Well Bottom: 13.2 ft. below top of casing (PVC cap)

Depth to Water Level: 2.91 ft. below PVC cap

Depth to Water Level: 2.97 ft below PVC cap ~~prior to~~ after sampling

Method of Purging: Bladder Pump ~~Submersible Pump~~ Peristaltic Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 7 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate .5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading								Stabilization Criteria	Final
Time	09:15	09:17	09:19	09:21	09:23	09:25	09:27	09:29		
PH	6.93	6.97	6.95	6.92	6.91	6.90	6.89	6.89	+/- 0.1	
Temperature (°C)	14.78	14.99	15.00	14.99	14.99	15.00	15.00		+/- 0.5 °C	
Specific Conductance (mS/cm µmhos/cm)	3.78	3.74	3.37	3.12	3.01	2.91	2.86	2.84	+/- 3%	
Turbidity (NTU)	86.9	104	77.0	64.9	58.9	54.5	53.3	53.3	+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	0.94	0.99	0.43	0.36	0.32	0.29	0.29	0.28	+/- 0.3	
ORP (mV)	315	315	314	314	314	314	314	314	+/- 10 mV	
Each Volume Purged (L)		1	1	1	1	1	1	1		
Total Liters Purged		1	2	3	4	5	6	7		

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Carolyn Feglic

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 08:48 / 4/3/12 Project Site/Subsite: RFSGW Rd 4/B178

Sample ID: RFSGWB178Ø4

Well ID: B178 Point Name: B178

Depth to Well Bottom: 13.5' ft. below top of casing (PVC cap)

Depth to Water Level: 1.75' ft. below PVC cap 1.78 after sampling

Depth to Water Level: _____ ft below PVC cap prior to sampling

Method of Purging: Bladder Pump ~~Submersible Pump~~ Peristaltic Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 3 1/2 Liters 6 Purge Rate goal = 0.5 Liters/Min. Actual purge rate Ø.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	8:35	8:35	8:37	8:39	8:41	8:43	8:45	8:47	8:48		
PH	6.93	6.93	6.92	6.91	6.90	6.88	6.85	6.84		+/- 0.1	
Temperature (°C)	15.36	15.44	15.40	15.38	15.32	15.36	15.37	15.38		+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	3.72	3.66	3.63	3.59	3.35	3.27	3.11	3.01	W Q	+/- 3%	
Turbidity (NTU)	89.9	56.2	39.3	29.1	23.9	20.9	19.4	19.5	W Q	+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.98	Ø.79	Ø.65	Ø.59	Ø.47	Ø.41	Ø.38	Ø.36	W Q	+/- 0.3	
ORP (mV)	317	317	317	317	316	316	316	316		+/- 10 mV	
Each Volume Purged (L)		1	1	1	2	2	2	2			
Total Liters Purged			1	2	3	4	5	6			

Duplicate Sample Collected? No Yes (Sample ID of Duplicate) NO

MS/MSD Sample Collected? No Yes NO

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Carolyn Fertic

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/3/12, 12:10 Project Site/Subsite: RFSGWAD 4/PZ8

Sample ID: RFSGWPZ8Q4

Well ID: PZ8 Point Name: PZ8

Depth to Well Bottom: 20.6 ft. below top of casing (PVC cap)

Depth to Water Level: 4.45 ft. below PVC cap

Depth to Water Level: 4.45 ft below PVC cap ~~prior to~~ ASTEC sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer Peristaltic

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 7 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	11:52	11:54	11:56	11:58	12:00	12:02	12:04	12:06			
PH	6.82	6.77	6.74	6.72	6.73	6.72	6.72	6.72		+/- 0.1	
Temperature (°C)	16.05	15.55	15.40	15.40	15.35	15.40	15.35	15.35		+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	1.161	0.861	0.853	0.861	0.853	0.867	0.868	0.868		+/- 3%	
Turbidity (NTU)	116	90.4	81.2	73.3	61.9	60.1	51.1	47.1		+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	0.78	0.67	0.54	0.47	0.41	0.38	0.36	0.36		+/- 0.3	
ORP (mV)	284	284	285	286	287	287	288	288		+/- 10 mV	
Each Volume Purged (L)		1	1	1	1	1	1	1			
Total Liters Purged		1	2	3	4	5	6	7			

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Carolyn Ferlic

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/2/2012 16:54 Project Site/Subsite: RFS

Sample ID: RFSGWB12804

Well ID: B128 Point Name: B128

Depth to Well Bottom: ~~4.33~~ 15.95 ft. below top of casing (PVC cap)

Depth to Water Level: 4.33 ft. below PVC cap

Depth to Water Level: 7.66 ft below PVC cap prior to sampling AFTER

Method of Purging: Bladder Pump Submersible Pump
Bailer PERISTALTIC PUMP

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 9 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	4:33	4:35	16:37	16:39	16:41	16:43	16:45	16:47	16:49		
PH	6.88	~~15~~ 6.88	6.88	6.88	6.89	6.89	6.10	6.10	6.89	+/- 0.1	
Temperature (°C)	15.89	15.88	14.91	14.92	14.95	14.94	14.95	15.03	15.01	+/- 0.5 °C	
Specific Conductance (µmhos/cm)	0.686	0.683	0.688	0.687	0.688	0.671	0.675	0.677	0.679	+/- 3%	
Turbidity (NTU)	41.8	455	43.3	41.7	41.7	41.1	41.2	41.2	41.8	+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.85	1.88	1.89	1.89	1.87	1.87	1.86	1.87	1.86	+/- 0.3	
ORP (mV)	387	386	386	385	385	384	384	384	384	+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1	1	1	1		
Total Liters Purged	1	2	3	4	5	6	7	8	9		

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments None.

Sample(s) Collected By: CF, QJ

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/2/2012, 15:42 Project Site/Subsite: RFS

Sample ID: RFSGWB163D4

Well ID: B163 Point Name: B163

Depth to Well Bottom: 16.68 ft. below top of casing (PVC cap)

Depth to Water Level: 3.27 ft. below PVC cap

Depth to Water Level: 3.30 ft below PVC cap AFTER ~~prior to~~ sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer PERISTALTIC PUMP

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 9 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.5 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	3:25	3:27	3:29	3:31	3:33	3:35	3:37	3:39	3:41		
PH	5.88	6.08	5.88	5.88	5.88	6.88	5.81	5.81	5.81	+/- 0.1	
Temperature (°C)	16.83	16.84	16.92	16.92	16.94	16.95	16.97	16.99	16.96	+/- 0.5 °C	
Specific Conductance (µmhos/cm)	3.26	3.26	3.25	3.24	3.24	3.24	3.24	3.24	3.23	+/- 3%	
Turbidity (NTU)	25.0. ~~5.00~~	228.	~~313.0~~ 126.0	126	111	87.7	88.6	65.7	68.7	+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.55	20.6	1.31	1.14	1.05	0.96	0.86	0.85	0.74	+/- 0.3	
ORP (mV)	314	314	313	313	313	312	312	312	312	+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1	1	1	1		
Total Liters Purged	1	2	3	4	5	6	7	8	9		

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments None.

Sample(s) Collected By: CF ; QJ

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/2/2012 / 17:30 Project Site/Subsite: RFS

Sample ID: RFSGWB185S04

Well ID: B185 Point Name: B185

Depth to Well Bottom: 13.86 ft. below top of casing (PVC cap)

Depth to Water Level: 1.72 ft. below PVC cap

Depth to Water Level: 2.24 ft below PVC cap ~~prior to~~ AFTER sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer PERISTALTIC PUMP

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged _____ Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate _____ Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	17:24	17:26	17:28	17:30	17:32	17:34					
PH	6.57	6.54	6.54	6.54	6.55	6.56				+/- 0.1	
Temperature (°C)	14.85	14.95	14.97	14.96	15.05	15.05				+/- 0.5 °C	
Specific Conductance (µmhos/cm)	2.02	2.04	2.05	2.05	2.10	2.10				+/- 3%	
Turbidity (NTU)	45.3	49.5	48.0	47.4	45.0	44.4				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.52	0.80	0.63	0.45	0.36	0.32				+/- 0.3	
ORP (mV)	300	300	309	309	309	309				+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1					
Total Liters Purged	1	2	3	4	5	6					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments NONE.

Sample(s) Collected By: CF, QJ

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total require

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/6/2012 1650 Project Site/Subsite: RFSGW R4

Sample ID: RFSGWGEO04

Well ID: GEO Point Name: _____

Depth to Well Bottom: 16.1' ft. below top of casing (PVC cap)

Depth to Water Level: 8.35' ft. below PVC cap

Depth to Water Level: _____ ft below PVC cap prior to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 6 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate .3 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1640	1643	1646	1649							
PH	7.14	7.13	7.14	7.14						+/- 0.1	
Temperature (°C)	15.02	15.05	15.02	15.02						+/- 0.5 °C	
Specific Conductance (µmhos/cm)	.955	.949	.951	.951						+/- 3%	
Turbidity (NTU)	8.1	7.4	6.1	5.3						+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.52	1.33	1.25	1.30						+/- 0.3	
ORP (mV)	280	281	280	280						+/- 10 mV	
Each Volume Purged (L)	2	1	1	1							
Total Liters Purged	2L	3L	5L	6L							

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): —

Comments —

Sample(s) Collected By: C. Ortiz / R. Johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/5/2012/ 1220 4/6/2012/1450 Project Site/Subsite: RFS GW R4

Sample ID: RFSGWDH04 / RFSGWDH04A

Well ID: DH. Point Name:

Depth to Well Bottom: 10.7 ft. below top of casing (PVC cap) → obstruction, tape wont go deeper.

Depth to Water Level: 7.84/8.07 ft. below PVC cap

Depth to Water Level: 9.03 ft below PVC cap after prior to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 6 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate _____ Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1208	1210	1212	1214	1216	1218					
PH	6.31	6.27	6.28	6.27	6.25	6.26				+/- 0.1	
Temperature (°C)	14.87	14.77	14.74	14.76	14.81	14.86				+/- 0.5 °C	
Specific Conductance (µmhos/cm)	6.89	6.61	6.49	6.62	6.90	7.26				+/- 3%	
Turbidity (NTU)	40.5	23.5	19.6	18.6	19.7	21.8				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	.89	.49	.30	.27	.24	.23				+/- 0.3	
ORP (mV)	266	272	278	279	281	281				+/- 10 mV	
Each Volume Purged (L)	1	1	1	1	1	1					
Total Liters Purged	1L	2L	3L	4L	5L	6L					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): odor - sulfer.

Comments 4/6/12 purged 1/2 L began sampling

Sample(s) Collected By: CFerrick / Q. Johnson.

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/10/12 12:25 Project Site/Subsite: RPS/CCC3

Sample ID: RPSGWCCC3Ø4

Well ID: CCC3 Point Name: _____

Depth to Well Bottom: 14.2Ø ft. below top of casing (PVC cap)

Depth to Water Level: 5.26 ft. below PVC cap

Depth to Water Level: 7.3Ø ft below PVC cap ~~prior to~~ after sampling

Method of Purging: Bladder Pump ~~Submersible Pump~~ Peristaltic
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 4 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate Ø.29Ø Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	12:Ø6	12:1Ø	12:14	12:18	12:22						
PH 7.1Ø	~~4.58~~ 7.16	7.16	7.12	7.1Ø						+/- 0.1	
Temperature (°C)	14.52	14.56	14.49	14.46	14.51					+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	1.126	1.162	1.16Ø	1.146	1.14Ø					+/- 3%	
Turbidity (NTU)	41.4	29.Ø	16.1	11.7	1Ø.7					+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	2.Ø7	Ø.75	Ø.56	Ø.68	Ø.6Ø					+/- 0.3	
ORP (mV)	272	272	273	273	273					+/- 10 mV	
Each Volume Purged (L)		1	1	1	1						
Total Liters Purged		1	2	3	4						

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Rebecca Johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/10/12 09:25 Project Site/Subsite: RFS/ETA

Sample ID: RFSGWETA04 09:25

Well ID: ETA Point Name: _____

Depth to Well Bottom: 13.41 ft. below top of casing (PVC cap)

Depth to Water Level: 2.11 ft. below PVC cap

Depth to Water Level: 3.32 ft below PVC cap ~~prior to~~ after sampling

Method of Purging: Bladder Pump ~~Submersible Pump~~ Peristaltic
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.250 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	9:03	9:07	9:11	9:15	9:18	9:21					
PH	7.04	7.06	7.05	7.04	7.03	7.03				+/- 0.1	
Temperature (°C)	13.41	13.93	13.96	13.99	13.98	13.98				+/- 0.5 °C	
Specific Conductance (µmhos/cm)	1.87	2.31	2.30	2.26	2.25	2.22				+/- 3%	
Turbidity (NTU)	135	126	110	126	116	115				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	2.53	0.70	0.53	0.45	0.42	0.40				+/- 0.3	
ORP (mV)	276	277	277	297	277	277				+/- 10 mV	
Each Volume Purged (L)		1	1	1	1	1					
Total Liters Purged		1	2	3	4	5					

Duplicate Sample Collected? No (Yes) (Sample ID of Duplicate) RFSGWETA04D

MS/MSD Sample Collected? No Yes 09:35

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Rebecca Johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/10/12 Project Site/Subsite: RFS / CCC1

Sample ID: RFSGWCCC1Q4 11:40

Well ID: CCC1 Point Name: _____

Depth to Well Bottom: 13.09 ft. below top of casing (PVC cap)

Depth to Water Level: 8.45 ft. below PVC cap

Depth to Water Level: 9.23 ft below PVC cap ~~prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer Peristaltic

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 3 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate Q.25Q Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	11:25	11:29	11:33	11:37							
PH	6.91	7.02	7.03	7.03						+/- 0.1	
Temperature (°C)	14.55	14.79	14.82	14.87						+/- 0.5 °C	
Specific Conductance (µmhos/cm)	1.223	1.022	1.009	Q.999						+/- 3%	
Turbidity (NTU)	74.2	14.7	14.7	14.2						+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.29	1.81	1.71	1.61						+/- 0.3	
ORP (mV)	276	274	274	274						+/- 10 mV	
Each Volume Purged (L)		1	1	1							
Total Liters Purged		1	2	3							

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Rebecca Johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/19/12 Project Site/Subsite: RFS / CCC2

Sample ID: RFSGWCCC2Ø4 1Ø:55

Well ID: CCC2 Point Name: _____

Depth to Well Bottom: 14.2Ø ft. below top of casing (PVC cap)

Depth to Water Level: 7.42 ft. below PVC cap

Depth to Water Level: 8.16 ft below PVC cap ~~prior to~~ after sampling

Method of Purging: Bladder Pump ~~Submersible Pump~~ Peristaltic
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill= _____ Discharge= _____ Throttle= _____ psi

Total Purged 5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate Ø.25Ø Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	1Ø:31	1Ø:35	1Ø:39	1Ø:43	1Ø:47	1Ø:51					
PH	7.Ø3	6.82	6.81	6.89	6.89	6.89				+/- 0.1	
Temperature (°C)	14.ØØ	14.43	14.55	14.65	14.75	14.77				+/- 0.5 °C	
Specific Conductance (µmhos/cm)	1.98	1.95	1.96	1.96	1.97	1.97				+/- 3%	
Turbidity (NTU)	31.Ø	21.8	16.8	14.5	13.6	13.Ø				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.61	Ø.75	Ø.59	Ø.51	Ø.42	Ø.4Ø				+/- 0.3	
ORP (mV)	274	274	275	275	275	275				+/- 10 mV	
Each Volume Purged (L)		1	1	1	1	1					
Total Liters Purged		1	2	3	4	5					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Rebecca Johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/9/12 16:20 Project Site/Subsite: B480

Sample ID: RFSGWB480004

Well ID: B480 Point Name: _____

Depth to Well Bottom: 15.92 ft. below top of casing (PVC cap)

Depth to Water Level: 10.90 ft. below PVC cap

Depth to Water Level: 11.16 ft below PVC cap prior to sampling

Method of Purging: Bladder Pump Submersible Pump Peristaltic
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 4 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.333 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading								Stabilization Criteria	Final
Time	1600	16:03	16:06	16:09	16:12					
PH	6.88 ~~6.89~~	6.86	6.86	6.86	6.86				+/- 0.1	
Temperature (°C)	17.68	16.51	16.42	16.44	16.47				+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	0.908	0.996	1.012	1.003	1.008				+/- 3%	
Turbidity (NTU)	16.0	9.5	11.0	10.0	10.0				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.95	2.03	1.94	1.85	1.78				+/- 0.3	
ORP (mV)	~~270~~	272	272	272	273				+/- 10 mV	
Each Volume Purged (L)		1	1	1	1					
Total Liters Purged		1	2	3	4					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Rebecca Johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

MONIWELL.FRM

15.92 DEPTH TO BOTTOM

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/19/12 Project Site/Subsite: _____

Sample ID: RFSGWB474Q4

Well ID: B474 Point Name: _____

Depth to Well Bottom: 19.15 ft. below top of casing (PVC cap)

Depth to Water Level: 12.65 ft. below PVC cap

Depth to Water Level: 14.89 ft below PVC cap prior to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer Peristaltic

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 4 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.250 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	14:45	14:49	14:53	14:57	15:01						
PH 6.91	~~16.35~~	6.80	6.80	6.81	6.81					+/- 0.1	
Temperature (°C)	16.35	15.82	15.32	15.33	15.38					+/- 0.5 °C	
Specific Conductance (µmhos/cm)	0.418	0.389	0.386	0.375	0.369					+/- 3%	
Turbidity (NTU)	50.5	38.9	18.0	24.6	22.6					+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.06	0.42	0.31	0.27	0.25					+/- 0.3	
ORP (mV)	267	266	266	266	266					+/- 10 mV	
Each Volume Purged (L)		1	1	1	1						
Total Liters Purged		1	2	3	4						

Duplicate Sample Collected? No Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? No Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: _____

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/9/12 13:55 Project Site/Subsite: RFS/TP2

Sample ID: RFSGWTP2Ø4

Well ID: TP2 Point Name: _____

Depth to Well Bottom: 17.1Ø ft. below top of casing (PVC cap)

Depth to Water Level: 9.51 ft. below PVC cap

Depth to Water Level: ~~17.1Ø~~ 9.55 ft below PVC ~~cap prior~~ after to sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer Peristaltic

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 5 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate Ø.33 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	13:34	13:38	13:4Ø	13:43	13:46	13:49					
PH	6.78	6.82	6.8Ø	6.77	6.77	6.76				+/- 0.1	
Temperature (°C)	17.34	16.46	16.47	16.5Ø	16.49	16.3Ø				+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	1.62	1.28	1.25	1.25	1.23	1.22				+/- 3%	
Turbidity (NTU)	75Ø	3Ø.7	32.1	25.5	18.9	18.3				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.92	1.Ø6	Ø.93	Ø.71	Ø.61	Ø.56				+/- 0.3	
ORP (mV)	274	273	273	273	273	273				+/- 10 mV	
Each Volume Purged (L)		1	1	1	1	1					
Total Liters Purged		1	2	3	4	5					

Duplicate Sample Collected? ~~No~~ (Yes) (Sample ID of Duplicate) RFSGWTP2Ø4D

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments Rebecca Johnson

Sample(s) Collected By: _____

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/9/12, 12:25 Project Site/Subsite: RFS/B300

Sample ID: RFSGWB300Ø4

Well ID: B300 Point Name: _____

Depth to Well Bottom: 17.15 ft. below top of casing (PVC cap)

Depth to Water Level: 10.91 ft. below PVC cap

Depth to Water Level: 12.25 ft below PVC cap ~~prior to~~ after sampling

Method of Purging: Bladder Pump ~~Submersible Pump~~ Peristaltic
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 4 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate Ø.33 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	12:ØØ	12:03	12:06	12:09	12:22						
PH	6.65	6.64	6.62	6.62	6.62					+/- 0.1	
Temperature (°C)	16.46	15.89	15.83	15.83	15.84					+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	2.25	2.78	2.78	2.77	2.78					+/- 3%	
Turbidity (NTU)	8.3	7.5	5.3	4.6	5.Ø					+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	Ø.72	Ø.34	Ø.28	Ø.25	Ø.23					+/- 0.3	
ORP (mV)	262	265	266	268	268					+/- 10 mV	
Each Volume Purged (L)		1	1	1	1						
Total Liters Purged		1	2	3	4						

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Rebecca Johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/9/12 11:25 Project Site/Subsite: RFS / NRLF

Sample ID: RFSGWNRLF04

Well ID: NRLF Point Name: _____

Depth to Well Bottom: 16.10 ft. below top of casing (PVC cap)

Depth to Water Level: 12.95 ft. below PVC cap

Depth to Water Level: 14.02 ft below PVC cap ~~prior to~~ after sampling

Method of Purging: Bladder Pump ~~Submersible Pump~~ PERISTALTIC
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 4 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.33 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading									Stabilization Criteria	Final
Time	11:10	11:13	11:16	11:19	11:22						
PH	6.92	6.73	6.87	6.85	6.90					+/- 0.1	
Temperature (°C)	16.87	15.45	15.46	15.48	15.50					+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	0.775	0.714	0.714	0.712	0.713					+/- 3%	
Turbidity (NTU)	9.6	5.3	3.7	4.1	4.1					+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	1.24	0.53	0.45	0.40	0.38					+/- 0.3	
ORP (mV)	257	258	258	258	258					+/- 10 mV	
Each Volume Purged (L)		1	1	1	1						
Total Liters Purged		1	2	3	4						

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): Smells slightly sulfuric

Comments _____

Sample(s) Collected By: Rebecca Johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/9/12 10:40 Project Site/Subsite: RFS / B490

Sample ID: RFSGWB490Q4

Well ID: B490 Point Name: _____

Depth to Well Bottom: 18.05 ft. below top of casing (PVC cap)

Depth to Water Level: 13.55 ft. below PVC cap

Depth to Water Level: 13.80 ft below PVC cap ~~prior to~~ after sampling

Method of Purging: Bladder Pump Submersible Pump Peristaltic
Bailer

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 4 Liters Purge Rate goal = 0.5 Liters/Min. Actual purge rate 0.33 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading								Stabilization Criteria	Final
Time	10:24	10:27	10:30	10:33	10:36					
PH	6.73	6.94	6.95	6.95	6.95				+/- 0.1	
Temperature (°C)	16.00	15.62	15.59	15.65	15.67				+/- 0.5 °C	
Specific Conductance (µmhos/cm)	0.844	0.895	0.905	0.904	0.905				+/- 3%	
Turbidity (NTU)	11.3	7.5	7.2	6.9	6.1				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	4.04	1.75	1.82	1.65	1.66				+/- 0.3	
ORP (mV)	271	271	273	273	273				+/- 10 mV	
Each Volume Purged (L)		1	1	1	1					
Total Liters Purged		1	2	3	4					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Rebecca Johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

Tetra Tech EM Inc.

MONITORING WELL SAMPLING FORM

Date/Time of Sample Collection: 4/9/12, 09:50 Project Site/Subsite: RFS/FG

Sample ID: RFSGWFG024

Well ID: FG Point Name: _____

Depth to Well Bottom: 16.25 ft. below top of casing (PVC cap)

Depth to Water Level: 12.61 ft. below PVC cap

Depth to Water Level: 14.05 ft below PVC cap ~~prior to~~ after sampling

Method of Purging: Bladder Pump Submersible Pump
Bailer Peristaltic

Minimum Purge Volume: Two-inch well _____ Liters

Four-inch well _____ Liters

Control Box Settings: Box # _____ Refill = _____ Discharge = _____ Throttle = _____ psi

Total Purged 4 Liters Purge Rate goal = ~~0.5~~ 0.33 Liters/Min. Actual purge rate 0.33 Liters/Min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial reading								Stabilization Criteria	Final
Time	09:34	09:37	09:40	09:43	09:46					
PH	6.74	6.51	6.92	6.51	6.51				+/- 0.1	
Temperature (°C)	15.84	16.44	16.48	16.60	16.62				+/- 0.5 °C	
Specific Conductance (µmhos/cm) mS/cm	0.710	0.679	0.679	0.685	0.689				+/- 3%	
Turbidity (NTU)	35.6	31.7	26.4	22.3	21.5				+/- 10% or +/- 10 NTU	
Dissolved Oxygen (mg/L)	5.67	5.58	5.56	5.49	5.48				+/- 0.3	
ORP (mV)	273	272	272	272	272				+/- 10 mV	
Each Volume Purged (L)		1	1	1	1					
Total Liters Purged		1	2	3	4					

Duplicate Sample Collected? (No) Yes (Sample ID of Duplicate) _____

MS/MSD Sample Collected? (No) Yes _____

Sample Remarks (odors, colors, sediment): _____

Comments _____

Sample(s) Collected By: Rebecca Johnson

Well Volume purge Calc: Length of tubing X 9.6 (ml/ft) + 130 (bladder volume) = Total required purge (liters) before collection

ATTACHMENT 2

COMPLETE ANALYTICAL RESULTS

(lab reports – electronic copy only)

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater Sampling, Field Sampling Workplan
University of California, Berkeley, Richmond Field Station, Richmond, California

METALS (ug/L)

Location ID	Sample Date	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	BORON	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	ANLYGRP
B120	09/09/2010	33	1U	2.2	26	.5U	100	1U	170000	1.2	.4J	2.2	59J	2U	METAL
	04/15/2011	75UJ	1U	1.6J	20	1UJ	NA	2U	210000	.34J	1U	4.3	16J	.43J	DMETAL
	10/04/2011	50U	2.4	4.2	19	.23J	NA	1U	190000	.48J	.38J	1.6U	100U	1U	DMETAL
	4/3/2012	50 U	1 U	2.6 UJ	25	1 U	NA	0.25 J	160000	0.44 J	1 U	1.6 J	50 U	1 U	DMETAL
B121	09/08/2010	33	1U	1.8	57	.5U	86J	1U	49000	1.5	.31J	2U	100U	2U	METAL
	04/13/2011	50UJ	.2J	1.2	55	1U	NA	1U	42000	1.3	.14J	.5J	50U	.31J	DMETAL
	10/04/2011	50U	1U	3.2	62	.22J	NA	.44J	48000	.88J	1U	1.6U	100U	1U	DMETAL
	4/4/2012	50 U	0.45 J	0.97 J	59	1 U	NA	1 U	47000	1.1	1 U	2.3 U	15 UJ	1 U	DMETAL
B128	09/23/2010	55	1U	5.7	23	.5U	320	1U	69000	1.1	.58	1.3J	250	2U	METAL
	09/23/2010	41	1U	3.5	24	.5U	280	1U	64000	1.1	.28J	1.6J	72J	2U	METAL
	04/18/2011	50U	.7J	.95J	41	1UJ	NA	2U	27000	1U	1U	8.4J	50UJ	.71J	DMETAL
	10/04/2011	50U	.62J	5.8	22	1U	NA	1U	30000	1U	.47J	1.6U	59UJ	1U	DMETAL
	4/2/2012	9.6 J	0.33 UJ	0.89 UJ	57	1 U	NA	0.94 J	24000	0.54 J	1 U	2.3 U	50 U	1 U	DMETAL
B150	09/08/2010	14J	1U	.89J	12	.5U	95J	1U	27000	1U	.5U	1.6J	100U	2U	METAL
	04/13/2011	50UJ	.19J	.57J	26	1U	NA	.44J	18000	.73J	1U	4.2J	50U	.46J	DMETAL
	10/05/2011	34J	.34J	.67J	20	1UJ	NA	1U	21000	.37J	1U	3.4	50U	.25J	DMETAL
	10/05/2011	49J	.14J	1U	14	1UJ	NA	1U	19000	.32J	1U	1U	50U	1U	DMETAL
	4/4/2012	6.5 J	1 U	0.39 J	35	1 U	NA	1 U	16000	0.98 J	1 U	2.3 U	50 U	1 U	DMETAL
	4/4/2012	18 J	1 U	0.5 J	35	0.28 J	NA	0.099 J	16000	0.89 J	1 U	2.3 U	15 UJ	1 U	DMETAL
B158	09/08/2010	590	1U	6.3	13	.5U	64J	1U	4200	2.8	.5U	1.4J	500	2U	METAL
	04/15/2011	120J	.3J	4.5	6	1UJ	NA	2U	3600	1.3	1U	6.8	66	.47J	DMETAL
	10/05/2011	99J	.82J	6.2	4.4	1U	NA	1U	3200	2	.22J	.94J	50UJ	1U	DMETAL
	4/6/2012	21 UJ	1 U	4.9	7.4	0.57 J	NA	0.35 UJ	4000	2.1	1 U	2.3 U	50 U	1 U	DMETAL
B163	09/02/2010	44	1U	1.6	17	.5U	240	5.2	260000	5U	6	2.5	70J	2U	METAL
	04/12/2011	50U	.18J	1.3	12	1U	NA	5.5	230000	.14J	4.6	.35J	50U	.38J	DMETAL
	04/12/2011	58	.17J	.74J	13	1U	NA	6.2	240000	.23J	4.8	1U	89UJ	1U	METAL
	10/03/2011	50U	.17J	4.2	13	1U	NA	5.2	290000	.34UJ	4.6	1.6U	45J	1U	DMETAL
	10/03/2011	72	.18J	1.2	13	1U	NA	5.9J	300000	1U	4.8	1.6U	91	1U	METAL
	4/2/2012	33 J	0.63 UJ	2.3 UJ	12	1 U	NA	6.2	240000	1 U	4.2	2.3 U	71	1 U	DMETAL
	4/2/2012	500	3.5	1.3	14 J	0.8 J	NA	7	240000	0.92 J	5	2.3 U	570	1 U	METAL
	4/4/2012	130	1 U	1.1	11 J	0.36 J	NA	1 U	12000	0.63 J	1 U	2.3 U	63 UJ	1 U	DMETAL
B175S	09/03/2010	17J	1U	1.6	56	.5U	97J	1U	53000	.81J	.36J	1.4J	100U	2U	METAL

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University of California, Berkeley, Richmond Field Station, Richmond, California

METALS (ug/L)

Location ID	Sample Date	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	BORON	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	ANLYGRP
B175S	04/13/2011	50U	1U	.69J	33	1U	NA	.43J	38000	.8J	1U	1UJ	50U	.4J	DMETAL
	10/04/2011	50U	.12J	7	55	1U	NA	1U	46000	1.4	1U	1.6U	100U	1U	DMETAL
	4/4/2012	50 U	0.36 J	1.5	43	1 U	NA	1 U	42000	0.29 J	1 U	2.3 U	50 U	1 U	DMETAL
B175W	09/08/2010	99	1U	1.7	26	.5U	130	1U	17000	1.3	.5U	1J	120	2U	METAL
	04/13/2011	50U	.18J	2.1	11	1U	NA	.26J	15000	.43J	1U	4.7J	50U	.54J	DMETAL
	10/04/2011	50U	1U	3	21	.32J	NA	1U	18000	3.9	.33J	1.6U	3400	1U	DMETAL
B177	09/23/2010	22	1U	1.1	32	.5U	77J	1U	12000	.91J	.5U	1.7J	100U	2U	METAL
	04/18/2011	9.9J	.41J	.48J	63	1UJ	NA	2U	15000	.55J	1U	2.6J	50UJ	.41J	DMETAL
	10/05/2011	50UJ	1U	.83J	37	1UJ	NA	1U	13000	.61J	1U	1U	50UJ	1U	DMETAL
	4/4/2012	9.2 J	1 U	0.49 J	71	1 U	NA	1 U	19000	1 U	1 U	2.3 U	50 U	1 U	DMETAL
B178	09/02/2010	20U	1U	1.8	25	.5U	130	1U	170000	1U	.87	2.2	100U	2U	METAL
	04/15/2011	75UJ	1.1U	1.6J	20	3.2UJ	NA	2U	170000	1.3U	.44J	2.7	89U	1.9U	DMETAL
	10/04/2011	50U	4.1	9.1	23	.34J	NA	1U	170000	1U	1U	1.6U	100U	1U	DMETAL
	4/3/2012	20 J	0.21 UJ	3.2 UJ	25 J	1 U	NA	0.51 J	150000	1 U	0.29 J	2.3 U	180 U	1 U	DMETAL
B180	09/15/2010	380	1U	3.8	22	.5U	74J	1U	5600	2.9	.5	3.6	400	2U	METAL
	04/13/2011	50UJ	.22J	2.9	6.5	1U	NA	.46J	5500	2.9	1U	36J	50U	2.7	DMETAL
	10/06/2011	58	.34UJ	3.2	17	1U	NA	1U	4900J	3.1	1U	1U	50U	1U	DMETAL
	10/06/2011	50U	.63UJ	3.6	16	1U	NA	1U	5200J	3	1U	1U	50U	1U	DMETAL
	4/4/2012	50 U	0.31 J	3.6	6.4	1 U	NA	1 U	4900	1.2	1 U	2.3 U	50 U	1 U	DMETAL
B185	09/02/2010	10J	1U	1.7	15	.5U	120	1U	160000	.57J	.63	1.6J	100U	2U	METAL
	04/15/2011	75UJ	1.1U	1.1J	13	3.2UJ	NA	2U	150000	.39J	1U	6.4	16J	1.9U	DMETAL
	04/15/2011	75UJ	1.1U	.8J	14	3.2UJ	NA	2U	160000	.22J	.18J	4.3	34J	1.9U	DMETAL
	10/03/2011	50U	1U	3	14	1U	NA	.25J	170000	.74UJ	.14J	1.9J	50U	1U	DMETAL
	10/03/2011	50U	.13J	2.7	14	1U	NA	.14J	170000	.75UJ	.18J	1.6U	500U	1U	DMETAL
	4/2/2012	14 J	0.18 UJ	2 UJ	19	1 U	NA	0.48 J	150000	0.44 J	1 U	2.3 U	71	1 U	DMETAL
B194	09/09/2010	64	1U	2.6	55	.5U	160	1U	55000	.97J	.42J	1.7J	84J	2U	METAL
	04/13/2011	50U	.19J	1.8	100	1U	NA	1.2	51000	.99J	1U	1.5J	50U	.41J	DMETAL
	10/04/2011	50U	.21J	2.7	110	.11J	NA	1U	52000	.99J	.11J	1.6U	100U	1U	DMETAL
	4/4/2012	50 U	0.23 J	0.87 J	95	1 U	NA	1 U	48000	0.65 J	1 U	2.3 U	50 U	1 U	DMETAL
B195	09/09/2010	53	1U	2	34	.5U	110	1U	150000	.73J	.45J	1.8J	73J	2U	METAL
	04/13/2011	50U	.21J	1.5	18	1U	NA	.28J	51000	.78J	1U	75J	50U	4.6	DMETAL
	04/13/2011	64	.19J	.77J	20	1U	NA	.28J	55000	.8J	.13J	1U	50UJ	1U	METAL

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University of California, Berkeley, Richmond Field Station, Richmond, California

METALS (ug/L)

Location ID	Sample Date	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	BORON	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	ANLYGRP
B195	04/13/2011	50U	.2J	1.3	17	1U	NA	.21J	49000	.62J	1U	7.5J	50U	.83J	DMETAL
	04/13/2011	68	.17J	1.6J	20	1U	NA	.27J	55000	.82J	1U	1U	50UJ	1U	METAL
	10/04/2011	50U	.72J	2.9	47	.2J	NA	.4J	160000	1.2	.19J	1.6U	100U	1U	DMETAL
	10/04/2011	44J	1U	1.4	52	1U	NA	1U	180000	1U	1U	1.6U	41J	1U	METAL
	4/3/2012	50 U	1 U	1.3 UJ	19	1 U	NA	0.16 J	68000	1.2	1 U	1.6 J	50 U	1 U	DMETAL
	4/3/2012	7.9 J	1 U	1.4 UJ	16	1 U	NA	1 U	61000	0.68 J	0.1 J	2.3 U	180 U	1 U	METAL
B197	09/09/2010	17J	1U	1.8	26	.5U	98J	1U	140000	1.1	.3J	1.7J	100U	2U	METAL
	09/09/2010	20U	1U	1.8	25	.5U	93J	1U	140000	1.2	.29J	1.6J	100U	2U	METAL
	04/13/2011	50U	.17J	2	28	1U	NA	1U	160000	1U	1.6	1UJ	50U	.31J	DMETAL
	10/04/2011	50U	.42J	4.5	22	.11J	NA	.24J	140000	.97J	.81J	1.6U	1300	1U	DMETAL
	4/3/2012	50 U	1 U	10	35	1 U	NA	1 U	180000	1 U	1	1.2 J	980	1 U	DMETAL
	4/3/2012	50 U	1 U	9	33	1 U	NA	1 U	180000	1 U	0.97 J	1.3 J	920	1 U	DMETAL
B277	09/15/2010	35	1U	1.9	34	.5U	110	1U	54000	1.8	.5U	2U	100U	2U	METAL
	04/18/2011	50U	1U	2.2	73	1UJ	NA	2U	57000	1.8	1U	3.3J	50UJ	.54J	DMETAL
	10/05/2011	50U	.13J	.52J	61	1UJ	NA	1U	54000	.31J	1U	1U	50U	1U	DMETAL
	4/3/2012	50 U	0.32 UJ	1.9 UJ	61	1 U	NA	0.34 J	56000	1.5	1 U	2.3 U	50 U	1 U	DMETAL
B278	09/16/2010	23J	1U	2	56	.5U	140	1U	280000	1.6	.57	1.8J	100U	2U	METAL
	04/19/2011	50U	.78J	1.5J	59	1U	NA	2U	230000	1.4	1U	1.1J	89UJ	.94J	DMETAL
	10/05/2011	50U	1U	1U	51	1U	NA	1U	260000	.49J	1U	1U	50U	1U	DMETAL
	4/5/2012	50 U	1 U	2	62	1 U	NA	1 U	270000	1.4	1 U	2.3 U	50 U	1 U	DMETAL
B280A	09/16/2010	20U	1U	1.4	66	.5U	94J	1U	68000	.93J	.5U	1.1J	100U	2U	METAL
	04/14/2011	75U	1.1U	1J	84	1UJ	NA	2U	50000	.25J	1U	1.9J	24J	1.9U	DMETAL
	10/06/2011	50U	.42UJ	.55J	110	1U	NA	.33J	57000J	.54J	1U	.52J	120	1U	DMETAL
	4/3/2012	50 U	1 U	1.7	110	1 U	NA	1 U	64000	0.53 J	1 U	2.3 U	50 U	1 U	DMETAL
B280B	10/01/2010	19J	1U	3.4	8	.5U	280	1U	51000	1.5	.5U	2U	100U	2U	METAL
	04/14/2011	50U	1.1U	1.7J	6.4	1UJ	NA	2U	53000	2.1	1U	5.8	23J	1.9U	DMETAL
	10/06/2011	50U	.33UJ	2.8	6.5	1U	NA	1U	52000J	1U	1U	1U	50U	1U	DMETAL
	4/3/2012	11 J	0.2 UJ	3.3 UJ	5.2	1 U	NA	1 U	55000	1.3	1 U	0.87 J	50 U	1 U	DMETAL
B300	09/09/2010	23	1U	2	90	.5U	150	1U	150000	1.7	.48J	1.3J	100U	2U	METAL
	04/15/2011	50UJ	1U	1.4J	250	1UJ	NA	2U	280000	1U	8.9	6	1200	.5J	DMETAL
	10/06/2011	2000U	5UJ	26U	23	20U	NA	20U	18000J	20U	20U	21U	2000U	20U	DMETAL
	4/9/2012	50 U	1 U	2.3	150	1 U	NA	0.11 J	210000	1 U	2.1	2.3 U	4600	1 U	DMETAL

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METALS (ug/L)

Location ID	Sample Date	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	BORON	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	ANLYGRP
B38	09/15/2010	44	1U	1.2	50	.5U	150	1U	31000	2.3	.5U	3.3	72J	2U	METAL
	04/19/2011	50U	.22J	1J	47	1U	NA	2U	24000	.93J	1U	2.2	89U	.57J	DMETAL
	04/19/2011	50U	.3J	1.3J	51	1U	NA	2U	26000	1.3	1U	65	89U	3.6	DMETAL
	10/06/2011	50U	.33UJ	1.5	40	1U	NA	.32J	14000J	.14J	1U	1U	150	1U	DMETAL
	4/4/2012	14 J	1 U	0.99 J	37	1 U	NA	1 U	18000	0.6 J	1 U	2 J	19 UJ	1 U	DMETAL
B450	04/19/2011	50U	2.6	1.7J	50	.4J	NA	2U	59000	1J	1U	1.8J	89U	.43J	DMETAL
	04/19/2011	110	1.2	2.3	53	1U	NA	2U	65000	2	1U	2.2U	180	1.9U	METAL
	10/10/2011	50U	1.1	1	71	1U	NA	.21J	36000	.85J	1U	1U	50U	1U	DMETAL
	4/6/2012	6.8 UJ	3.3	1.8	78	0.38 J	NA	1 U	73000	0.94 J	1 U	1 J	50 U	1 U	DMETAL
B460	09/15/2010	160	1U	3.2	13	.5U	82J	1U	31000	.53J	1.2	1.9J	280	2U	METAL
	04/20/2011	75U	.38J	2.4	8.8	3.2U	NA	2U	43000	1.3U	1U	21	89U	.96J	DMETAL
	10/07/2011	50U	.39J	3.4	8.4	1U	NA	.31J	40000	.38J	.46J	1U	210	1U	DMETAL
	4/6/2012	8.5 UJ	0.18 J	2.7	5.4	1 U	NA	1 U	30000	0.67 J	1 U	2.3 U	50 U	1 U	DMETAL
B473	09/24/2010	180	1U	2	64	.5U	140	1U	25000	3.9	.31J	4.7	330	2U	METAL
	04/20/2011	75U	1.1U	2.2	22	3.2U	NA	2U	44000	1.6	1U	9.1	89UJ	.8J	DMETAL
	10/07/2011	50U	.35J	1.9	19	1U	NA	1U	19000	1.3	1U	1U	50U	1U	DMETAL
	4/6/2012	14 UJ	0.4 J	2.3	12	0.32 J	NA	0.18 UJ	17000	1.4	1 U	0.97 J	50 U	1 U	DMETAL
B474	09/23/2010	450	1U	9.8	25	.5U	200	1U	24000	1.7	1.6	2	1400	2U	METAL
	04/20/2011	75U	1.1U	3.9	6.2	3.2U	NA	2U	35000	1.3U	1U	5.1	89U	1.9U	DMETAL
	04/20/2011	31J	.45J	4.3	7.4	3.2U	NA	2U	35000	1.3U	1U	4.7	89UJ	1.9U	METAL
	10/07/2011	50U	1.7	1.6	8.1	1U	NA	1U	12000	1.7	1U	12	240	.72J	DMETAL
	10/07/2011	240	1.5	2.8	36	.69J	NA	1U	17000	1.2	1.2	21	990	7.3	METAL
	4/9/2012	50 U	0.49 J	2.7	46	1 U	NA	0.42 J	32000	0.74 J	0.96 J	2.3 U	47 J	1 U	DMETAL
	4/9/2012	67	3.1	2.6	34	1 U	NA	0.57 J	28000	0.84 J	0.89 J	6.8	150	0.97 J	METAL
B480	09/24/2010	22	1U	6.5	41	.5U	110	1U	53000	.68J	1.5	2U	420	2U	METAL
	04/19/2011	32J	1J	3.1	42	1U	NA	2U	51000	1.2J	1U	7.8	89U	.54J	DMETAL
	10/07/2011	50U	.52J	2.6	39	1U	NA	.81J	34000	.34J	.2J	.28J	50U	1U	DMETAL
	4/9/2012	50 U	0.23 J	2.8	75	1 U	NA	0.65 J	51000	1.8	1 U	2.3 U	50 U	1 U	DMETAL
B490	09/16/2010	21	1U	2.2	53	.5U	130	1U	52000	2.6	.5U	1.1J	100U	2U	METAL
	04/20/2011	75U	1.1U	1.6J	79	3.2U	NA	2U	52000	4.4	1U	11	89U	1.5J	DMETAL
	10/10/2011	50U	5U	1.8	90	1U	NA	1U	45000	2.7	1U	5.2U	50U	.37J	DMETAL
	4/9/2012	50 U	2.8	2.4	93	1 U	NA	1 U	46000	3.2	1 U	2.3 U	37 J	1 U	DMETAL

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BULB1	10/19/2010	70	10U	17	230	1U	1700	10U	370000	2.1	18	6.6	100	20U	METAL
	04/12/2011	50UJ	1.4	12	110	1U	NA	1U	330000	.13J	2.3	14J	50UJ	.91J	DMETAL
	04/12/2011	140	.24J	12J	140	1U	NA	.99J	420000	.99J	4.7J	1U	660	.47J	METAL
	09/30/2011	50U	.31J	12	150	1U	NA	.09J	380000	1.2UJ	1.3	1.6U	50U	1U	DMETAL
	09/30/2011	81	.45J	9.7	170	1U	NA	1U	440000	1U	.24J	1.6U	340J	13	METAL
	4/5/2012	17 J	1.2	9	120	0.25 J	NA	0.2 J	320000	0.49 J	0.52 J	2.3 U	320	1 U	DMETAL
	4/5/2012	34 UJ	3.2	9.3	120	0.22 J	NA	0.31 UJ	290000	2.5	0.38 J	2.3 U	380	1 U	METAL
BULB2	10/19/2010	770	1U	8.9	540	.5U	850	1U	130000	3	8.1	5.6J	2800	3.9	METAL
	04/12/2011	50UJ	2.5	3	55	1U	NA	.55J	19000	.23J	1.1	28J	50UJ	1.3	DMETAL
	04/12/2011	240	1.8	5J	230	1U	NA	1.4	75000	1.4	4.3	.94J	1500	.71J	METAL
	09/30/2011	50U	.13J	3.8	53	1U	NA	1U	31000	1.8UJ	1.1	1.6U	1200	.18J	DMETAL
	09/30/2011	220	.52J	2.6	66	1U	NA	.14J	31000	1U	1.4	1.6U	880J	.67J	METAL
	4/5/2012	17 J	0.21 J	3.1	370 J	1 U	NA	1 U	180000 J	0.56 J	1.8	1.7 J	3100 J	1 U	DMETAL
	4/5/2012	40 UJ	0.38 J	3.4	370 J	0.21 J	NA	0.54 UJ	180000	0.34 J	1.7	5.2	3100	0.91 J	METAL
CCC1	09/08/2010	72	1U	3	6.3	.5U	91J	1U	27000	.84J	.5U	1.5J	88J	2U	METAL
	04/14/2011	75U	1.2	2.4	6.4	3.2UJ	NA	2U	34000	1.9	1U	4.6	43J	1.9U	DMETAL
	10/05/2011	50U	1U	.45J	3.2	1UJ	NA	1U	37000	1U	1U	1U	50U	1U	DMETAL
	4/10/2012	50 U	1 U	2.5	6.8	1 U	NA	0.27 J	44000	0.34 J	1 U	2.3 U	50 U	1 U	DMETAL
CCC2	09/08/2010	20U	1U	2.3	24	.5U	140	1U	48000	32	.5U	1.5J	100U	2U	METAL
	04/14/2011	75U	.51J	.85J	36	3.2UJ	NA	2U	210000	2.1	1U	20	47J	2.6	DMETAL
	04/14/2011	17J	1U	.96J	39	1U	NA	.66J	210000	2.3	1U	1U	50UJ	1U	METAL
	10/04/2011	50U	.54J	3.6	21	1U	NA	1U	65000	13	.25J	1.6U	540	1U	DMETAL
	10/04/2011	130	4	1.8	19	1U	NA	.13J	62000	12	1U	1.6U	140	.3J	METAL
	4/10/2012	50 U	1 U	1.2	35	1 U	NA	0.34 J	120000	4.5	1 U	2.3 U	12 J	1 U	DMETAL
	4/10/2012	50 U	0.2 J	1.1	29	1 U	NA	0.24 J	96000	9.4	1 U	2.3 U	17 J	1 U	METAL
CCC3	09/03/2010	390	1U	5.9	27	.5U	190	1U	68000	2.8	2.1	2.4	550	2U	METAL
	09/03/2010	29	1U	4.6	22	.5U	130	1U	64000	1.1	1.8	1.3J	91J	2U	METAL
	04/12/2011	50U	.19J	2.9	9.6	1U	NA	1U	45000	.86J	1U	12J	50U	.55J	DMETAL
	10/04/2011	50U	.45J	6.7	18	1U	NA	1U	61000	1U	.48J	1.6U	100U	1U	DMETAL
	10/04/2011	50U	.15J	2.4	17	1U	NA	1U	59000	.67J	.68J	1.6U	100U	1U	DMETAL
	4/10/2012	50 U	1 U	4.4	13	1 U	NA	1 U	61000	0.28 J	0.73 J	2.3 U	14 J	1 U	DMETAL
CCCT	09/03/2010	55	1U	3.9	28	.5U	210	1U	100000	1U	2	1.8J	260	2U	METAL

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CCCT	04/18/2011	50U	.6J	1.7J	24	1UJ	NA	2U	100000	1.3U	1U	12J	50UJ	.69J	DMETAL
	10/03/2011	50U	.11J	3.5	22	1U	NA	1U	98000	.53UJ	.44J	1.6U	98	1U	DMETAL
	4/4/2012	50 U	1.4	2.6	24	1 U	NA	1 U	110000	1 U	0.26 J	2.3 U	70 UJ	1 U	DMETAL
CTP	09/30/2010	23	1U	2.6	38	.5U	120	1U	50000	1.1	.54	2U	150	2U	METAL
	09/30/2010	17J	1U	2.5	39	.5U	110	1U	50000	1.1	.52	2U	140	2U	METAL
	04/14/2011	75U	1.1U	1.3J	55	1UJ	NA	9.3	50000	.47J	.61J	5.4	44J	1.9U	DMETAL
	10/06/2011	50U	.32UJ	.81J	65	1U	NA	.52J	47000J	.45J	1U	1U	50U	1U	DMETAL
	4/3/2012	50 U	0.27 UJ	2.1 UJ	57	1 U	NA	0.62 J	57000	1	1 U	2.3 U	50 U	1 U	DMETAL
CTPS	09/30/2010	36	1U	3.6	82	.5U	260	1U	130000	1.4	1.6	1.8J	240	2U	METAL
	04/19/2011	50U	.39J	.96J	13	.14J	NA	2U	47000	1.3U	1U	5	89U	1.1	DMETAL
	10/07/2011	50U	.52J	1.5	20	1U	NA	.82J	55000	1U	1U	1U	50U	1U	DMETAL
	4/5/2012	50 U	1 U	1.1	17	0.26 J	NA	1 U	36000	0.37 J	1 U	1.2 J	50 U	1 U	DMETAL
DH	09/30/2010	20U	1U	3.5	41	.5U	320	.75J	530000	1U	1.2	2.8	100U	2U	METAL
	04/14/2011	75U	1.1U	1.3J	89	1UJ	NA	1.9J	590000	.28J	.33J	3.5	89U	1.9U	DMETAL
	10/05/2011	50U	.18J	1.6	100	1UJ	NA	1U	810000	1U	2.7	53	50U	1.3	DMETAL
	4/6/2012	34 UJ	0.21 J	18	88	1 U	NA	0.46 UJ	510000	1.5	12	2.3 U	10000	1 U	DMETAL
EERC	10/01/2010	10J	1U	11	39	.5U	480	1U	450000	1U	11	2.9	840	2U	METAL
	04/20/2011	75U	1.1U	2.9	19	3.2U	NA	2U	420000	1.3U	.54J	6.2	89U	1.9U	DMETAL
	04/20/2011	75U	.52J	1.7J	22	3.2U	NA	2U	460000	1.3U	.37J	.96J	89UJ	1.9U	METAL
	10/07/2011	50U	.56J	3.1	20	1U	NA	1U	350000	1U	5.1	1U	32J	1U	DMETAL
	10/07/2011	420	.87J	5.2	27	.16J	NA	.29J	350000	.81J	5.6	2.4	1000	.41J	METAL
	4/6/2012	7 UJ	0.34 J	2.6	23	0.28 J	NA	1 U	330000	0.62 J	1 U	0.86 J	50 U	1 U	DMETAL
	4/6/2012	19 J	2.9	2.4	25	1 U	NA	0.13 J	320000	0.74 J	1 U	0.96 J	36 UJ	1 U	METAL
EPA	09/16/2010	130	1U	3.2	50	.5U	190	1U	88000	2.1	.74	2.7	230	2U	METAL
	04/19/2011	50U	.48J	1.6J	42	.14J	NA	2U	120000	1.4	1U	2.1J	89U	.57J	DMETAL
	10/06/2011	50U	.41UJ	2.3	38	1U	NA	.3J	89000J	1U	1U	7.5	50U	1U	DMETAL
	4/6/2012	50 U	1 U	1.9	45	1 U	NA	1 U	100000	1 U	0.44 J	2.3 U	66 UJ	1 U	DMETAL
	4/6/2012	50 U	1 U	1.8	51	0.44 J	NA	1 U	120000	0.86 J	0.91 J	1.2 J	50 U	1 U	DMETAL
ETA	09/24/2010	1600	1U	22	39	.5U	150	.93J	110000	5.8	3.8	22	3300	9.8	METAL
	09/24/2010	630	1U	13	28	.5U	140	1U	110000	2.6	2.4	8	1800	3.2	METAL
	04/12/2011	50U	.26J	7.4	18	1U	NA	.37J	120000	.093J	1.3	2.1J	120	.36J	DMETAL
	04/12/2011	870	.56J	17J	34	1U	NA	2.4	120000	3.1	2.4	8.3	2100	4.1	METAL

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ETA	09/30/2011	50U	.38J	5.3	16	1U	NA	.28J	99000	.75UJ	3	1.6U	380	1U	DMETAL
	09/30/2011	430	1.3	5.9	21	1U	NA	.46J	96000	.69J	3.4	2.9	1900J	2.4	METAL
	4/10/2012	50 U	1 U	5.5	20	1 U	NA	0.45 J	150000	0.23 J	2.4	2.3 U	410	1 U	DMETAL
	4/10/2012	140	0.4 J	5.7	21	0.64 J	NA	0.7 J	120000	0.4 J	2.7	2.9	930	0.94 J	METAL
	4/10/2012	50 U	1 U	5.9	20	1 U	NA	0.73 J	140000	0.23 J	2.2	2.3 U	390	1 U	DMETAL
	4/10/2012	120	0.37 J	5.3	20	1 U	NA	0.47 J	110000	0.35 J	2.7	2.6	880	0.56 J	METAL
FG	09/23/2010	30000	1U	9.7	190	2.6	120	1.9	120000	50	49	56	34000	33	METAL
	04/19/2011	50U	.47J	1.2J	21	.25J	NA	2U	33000	1.3U	1U	24	89U	2.8	DMETAL
	04/19/2011	1500	.63J	2.2	33	.31J	NA	2U	34000	3.8	.98J	2.5	1600	.87J	METAL
	04/19/2011	50U	.4J	1.2J	21	.14J	NA	2U	33000	.61J	1U	35	89U	2.2	DMETAL
	04/19/2011	760	.58J	1.7J	29	.25J	NA	2U	34000	2.2	1.7	2.4	1100	.72J	METAL
	10/10/2011	50U	.35UJ	1.4	23	1U	NA	.19J	48000	1U	1U	5.2	50U	.2J	DMETAL
	10/10/2011	75	.22J	1J	29	1U	NA	.25J	50000	.61J	1U	.71J	180	.17J	METAL
	4/9/2012	50 U	1 U	1.4	15 J	1 U	NA	1 U	25000	0.48 J	1 U	2.3 U	35 J	1 U	DMETAL
	4/9/2012	150	1 U	1.4	16	1 U	NA	0.11 J	25000	0.73 J	0.24 J	1 J	200	1 U	METAL
GEO	09/03/2010	12J	1U	1.8	56	.5U	120	1U	59000	1.6	.5U	1.1J	100U	2U	METAL
	04/20/2011	75U	1.1U	1.7J	88	3.2U	NA	2U	69000	1.3U	.63J	27	89UJ	1.7J	DMETAL
GEO	10/06/2011	50U	.27UJ	2.5	67	1U	NA	1U	51000J	1.7	1U	1U	50U	1U	DMETAL
	4/6/2012	15 UJ	1 U	1.6	94	0.26 J	NA	0.17 UJ	67000	0.62 J	1 U	2.3 U	50 U	1 U	DMETAL
MFA	09/24/2010	160	1U	2.3	33	.5U	140	1U	75000	.65J	1.1	1.8J	220	2U	METAL
	04/12/2011	50UJ	.98J	1.4	28	1U	NA	1U	45000	.28J	.81J	9.5J	50U	.62J	DMETAL
	10/03/2011	50U	.11J	.47J	48	1U	NA	.15J	74000	.8UJ	.71J	6.2	500U	1U	DMETAL
	4/5/2012	50 U	0.79 J	2.3	31	1 U	NA	0.57 J	47000	1 U	0.92 J	1.6 J	5.8 UJ	1 U	DMETAL
NRLF	09/16/2010	25	1U	3.3	13	.5U	110	1U	50000	1U	.57	2U	300	2U	METAL
	04/20/2011	75U	.41J	5.2	15	3.2U	NA	2U	63000	1.3U	.86J	82	150UJ	4.1	DMETAL
	10/06/2011	50U	.38UJ	1.4	30	1U	NA	1U	34000J	1U	1U	1U	50U	1U	DMETAL
	4/9/2012	50 U	0.61 J	2.9	58	1 U	NA	1 U	47000	1 U	0.64 J	2.3 U	180	1 U	DMETAL
PZ11	10/01/2010	20U	1U	2.5	11	.5U	77J	2.7	200000	1U	1	22	100U	2U	METAL
	04/20/2011	1200	1.1U	.67J	12	2.1J	NA	30	240000	1J	3.7	1200	89UJ	2.6	DMETAL
	04/20/2011	1200	.56J	.82J	13	1.8J	NA	35	260000	.74J	3.4	1300	95UJ	.67J	METAL
	10/10/2011	50U	.37UJ	1.6	10	1U	NA	4.9	230000	1U	1.2	12	50U	1U	DMETAL
	10/10/2011	50U	.17J	1.4	10	1U	NA	3.4	230000	1U	1.3	34	38J	1U	METAL

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METALS (ug/L)

Location ID	Sample Date	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	BORON	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	ANLYGRP
PZ11	4/5/2012	600	1 U	1.1	11	1.1	NA	22	160000	1.9	1.5	800	17 UJ	1 U	DMETAL
	4/5/2012	740	0.18 J	0.5 J	10	0.98 J	NA	19	130000	68 U	1.4	770	50 U	1 U	METAL
PZ8	10/15/2010	68	1U	1.6	96	.5U	97J	1U	44000	1.3	.29J	1.5J	110	2U	METAL
	04/18/2011	50U	.32J	2	84	1UJ	NA	2U	40000	1.1J	1U	3.7J	50UJ	.45J	DMETAL
	10/04/2011	50U	.36J	7.7	99	1U	NA	1U	44000	1.2	1U	1.6U	100U	1U	DMETAL
	4/3/2012	50 U	1 U	2.1 UJ	88	1 U	NA	0.48 J	44000	1	1 U	1.6 J	50 U	1 U	DMETAL
PZ9	09/24/2010	20U	1U	2.7	79	.5U	62J	1U	36000	1U	.29J	2U	100U	2U	METAL
	04/20/2011	75U	1.1U	1.9	84	3.2U	NA	2U	37000	1.3U	.8J	5.8	89UJ	1.9U	DMETAL
	10/07/2011	50U	.4J	2.3	67	1U	NA	1U	29000	1U	1U	1U	50U	1U	DMETAL
	10/07/2011	50U	.45J	3.2	66	1U	NA	.19J	30000	1U	.17J	1U	50U	1U	DMETAL
	4/6/2012	26 UJ	0.32 J	3	130 J	1 U	NA	1 U	47000	1 U	1	2.3 U	92 UJ	1 U	DMETAL
RWF	09/15/2010	54	1U	1.3	120	.5U	100	1U	72000	1.6	.5U	1.6J	83J	2U	METAL
	04/18/2011	10J	.26J	.63J	79	1UJ	NA	2U	72000	.58J	1U	3.7J	50UJ	.49J	DMETAL
	10/06/2011	50U	.43UJ	1.3	120	1U	NA	1U	63000J	.78J	1U	1U	50U	1U	DMETAL
	4/4/2012	50 U	0.18 J	2.2	150	0.21 J	NA	1.1	71000	0.47 J	0.52 J	1 J	28 UJ	1 U	DMETAL
TP1	09/29/2010	22	1U	1.9	29	.5U	90J	1U	67000	1U	.28J	1.3J	100U	2U	METAL
	04/18/2011	50U	.24J	2.2	42	1UJ	NA	2U	160000	1.3U	1.3	7.8J	310	.55J	DMETAL
	10/07/2011	50U	.52J	1.4	23	1U	NA	1U	59000	1U	.86J	1U	50U	1U	DMETAL
	4/5/2012	50 U	1 U	8.4	54	1 U	NA	1 U	180000	1 U	6.5	1.1 J	1200	1 U	DMETAL
TP2	09/29/2010	90	1U	1.3	110	.5U	110	1U	87000	1.9	.39J	2U	150	2U	METAL
	04/18/2011	50U	.22J	.74J	97	1UJ	NA	2U	75000	1.2J	1U	2.2UJ	50UJ	.16J	DMETAL
	10/07/2011	50U	1	2.4	81	1U	NA	.38J	76000	.7J	1U	1U	50U	.27J	DMETAL
	4/9/2012	50 U	0.28 J	1.3	89	1 U	NA	0.42 J	77000	1.7	1 U	2.3 U	5.3 J	1 U	DMETAL
	4/9/2012	50 U	1 U	1.9	91	1 U	NA	0.22 J	78000	1.7	1 U	2.3 U	50 U	1 U	DMETAL
WTA	09/30/2010	30	1U	2.2	36	.5U	150	1U	110000	9.5	.33J	2U	100U	2U	METAL
	04/14/2011	75U	.51J	1.3J	36	3.2UJ	NA	2U	99000	6	1U	11	89U	1.9U	DMETAL
	04/14/2011	86	1U	1.5J	39	1U	NA	.34J	100000	6	.17J	1U	100UJ	1U	METAL
	04/14/2011	75U	1.1U	1.6J	37	3.2UJ	NA	2U	93000	6.1	1U	3	89U	1.9U	DMETAL
	04/14/2011	66	1U	1.7J	39	1U	NA	.47J	110000	6.1	.16J	1U	80UJ	1U	METAL
	10/05/2011	50U	1U	.55J	41	1UJ	NA	1U	100000	4.5	1U	1U	50U	1U	DMETAL
	10/5/2011	150	1U	1.6	47	1U	NA	.25J	98000	5.1	.49J	5.2U	270	.17J	METAL
	4/5/2012	17 J	1 U	2.4	55	1 U	NA	1 U	100000	5.8	1 U	2.3 U	8.1 UJ	1 U	DMETAL
	4/5/2012	87 UJ	0.23 J	2.3	48	1 U	NA	0.35 UJ	90000	5.2	1 U	2.3 U	68 UJ	1 U	METAL

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METALS (ug/L)

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B120	09/09/2010	150000	92	.03U	2.7	7.1	1600J	170000	2U	.5U	2U	NA	4.6	15	METAL
	04/15/2011	180000	140	.2U	2.2UJ	1U	1300	160000	1U	1.7U	1U	NA	5.2	3.3J	DMETAL
	10/04/2011	170000	290	.2U	.79UJ	11	1900	160000	.97J	1U	.13J	NA	7.6	9U	DMETAL
	4/3/2012	160000	330	0.079 J	0.9 J	6.5	1700 U	NA	1 U	1 U	180000	1 U	4.7	9 U	DMETAL
B121	09/08/2010	39000	320	.02J	1.7	4.3	1600J	75000	2U	.5U	2U	NA	2.5J	6.4	METAL
	04/13/2011	34000	7.7	.2U	.33J	1.2	850	59000	1U	1U	1U	NA	4	20	DMETAL
	10/04/2011	40000	8.2	.2U	1U	1U	640	64000	1U	.14J	1U	NA	5.9	9.8	DMETAL
	4/4/2012	40000	7.6	0.2 U	0.89 J	1 U	470	NA	0.34 UJ	1 U	68000	1 U	4.4	3.8 J	DMETAL
B128	09/23/2010	46000	360	.048	2.8	2.7	6400	180000	2U	.5U	2U	NA	4U	2.8J	METAL
	09/23/2010	39000	56	.015J	1.7	2	7700	170000	2U	.5U	2U	NA	4U	6.9	METAL
	04/18/2011	16000	69	.11J	.91J	10	730	93000	.4J	1.7U	.11J	NA	1.5UJ	9U	DMETAL
	10/04/2011	22000	170	.052UJ	.36UJ	7.1	1300	130000	1U	.095J	1U	NA	2.5	21	DMETAL
	4/2/2012	17000	15	0.089 J	1 U	7.2	170 U	NA	0.58 UJ	0.6 J	83000	1 U	1.9	9 U	DMETAL
B150	09/08/2010	19000	30	.03U	.36J	5.3	1300J	36000	3.2	.5U	2U	NA	4U	3.1J	METAL
	04/13/2011	14000	2.2	.2U	1U	2.7	560	26000	37	1U	1U	NA	1.4	18	DMETAL
	10/05/2011	16000UJ	5U	.2U	1U	1U	580	29000	14	1U	1U	NA	6	5U	DMETAL
	10/05/2011	16000J	5U	.2U	1U	1U	590	29000	10	1U	1U	NA	2.8	5U	DMETAL
	4/4/2012	13000	1 U	0.2 U	0.22 J	0.58 J	170 U	NA	67	1 U	30000	1 U	2.3	4.6 J	DMETAL
	4/4/2012	14000	0.9 J	0.2 U	0.53 J	0.71 J	170 U	NA	66	1 U	30000	1 U	3.1	9 U	DMETAL
B158	09/08/2010	2600	13	.03U	.87	1.8	1100J	52000	2U	.5U	2U	NA	6.4	3J	METAL
	04/15/2011	1900	1.8	.2U	1.9U	1U	380	36000	.3J	1.7U	.068J	NA	5.9	9U	DMETAL
	10/05/2011	2500	2.3J	.2U	1U	1U	350J	50000	1U	1U	1U	NA	8	5U	DMETAL
	4/6/2012	2900	1.3	0.2 U	0.52 J	1 U	170 U	NA	1 U	0.18 J	53000	1 U	7.3	35	DMETAL
B163	09/02/2010	200000	17000	.083	.95	170	2800	230000	2U	.5U	2U	NA	4U	9.2	METAL
	04/12/2011	180000	15000	.2UJ	.23J	180	1500	190000	1UJ	1U	.08J	NA	1.9	27	DMETAL
	04/12/2011	190000	19000	.19J	1UJ	200	1600	190000	.39J	1U	.063J	NA	2.2	27	METAL
	10/03/2011	330000	20000	.17UJ	.71UJ	200	1800	240000	.65J	1U	1U	NA	.68J	15	DMETAL
	10/03/2011	240000	20000	.18J	.35UJ	200	2200J	250000	.36UJ	1U	1U	NA	2.2	4.1J	METAL
	4/2/2012	200000	16000	0.23	2.4	180	1800	NA	1.2 UJ	1 U	210000	1 U	3.3	9.1	DMETAL
	4/2/2012	200000 J	17000	0.22	1.2 UJ	200	990	NA	1.3 J	1 U	220000	1 U	2.7	7.9 J	METAL
	4/4/2012	11000	4	0.2 U	3	1 U	280	NA	1.1 UJ	1 U	45000	1 U	2	9 U	DMETAL
B175S	09/03/2010	43000	250	.072	1.3	3.3	2100	91000	2U	.5U	2U	NA	4U	2.5J	METAL

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METALS (ug/L)

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B175S	04/13/2011	30000	12	.2U	.23J	2.3	740	67000	.86J	1U	.062J	NA	2.3	14	DMETAL
	10/04/2011	38000	39	.054UJ	.27UJ	1U	630	67000	.26J	1U	1U	NA	2.7	7.1J	DMETAL
	4/4/2012	35000	4.6	0.2 U	1 U	1 U	110 J	NA	0.76 UJ	1 U	74000	1 U	2.3	9 U	DMETAL
B175W	09/08/2010	12000	17	.03U	.54	2.5	2700	56000	2U	.5U	2U	NA	4U	3.8J	METAL
	04/13/2011	9700	3.2	.2U	.78J	.96J	1600	45000	1UJ	1U	1U	NA	2.4	15	DMETAL
	10/04/2011	13000	39	.065UJ	.93UJ	1U	890	45000	1U	1U	1U	NA	4.7	18	DMETAL
B177	09/23/2010	9900	3.9	.03U	.27J	1.8	2000U	32000	1.1J	.5U	2U	NA	4U	4J	METAL
	04/18/2011	14000	.95J	.038J	.52J	1U	280	34000	1.8	1.7U	1U	NA	1.7UJ	5U	DMETAL
	10/05/2011	11000J	9.8	.2U	1U	1U	250J	29000	1U	1U	.28J	NA	3	5.8	DMETAL
	4/4/2012	21000	0.44 J	0.2 U	0.23 J	7.1	170 U	NA	2.6	1 U	45000	1 U	2	9.3	DMETAL
B178	09/02/2010	140000	570	.03U	2.4	7.5	2800	150000	2U	.5U	2U	NA	2.9J	4.7J	METAL
	04/15/2011	140000	430	.2U	2.4UJ	1U	1400	160000	2.5U	1.7U	1U	NA	4.7	3.4J	DMETAL
	10/04/2011	150000	810	.2U	2.3UJ	12	1400	130000	1.5	.16J	.37J	NA	6.5	6J	DMETAL
	4/3/2012	150000	1100	0.2 U	1.7	12 J	1500	NA	0.41 UJ	1 U	250000	1 U	3.6	3.7 J	DMETAL
B180	09/15/2010	5200	20	.03U	1.2	2.2	2000U	92000	2U	.5U	2U	NA	9.6	4.2J	METAL
	04/13/2011	4200	2.7	.2U	.91J	.53J	640	83000	1UJ	1U	1U	NA	6.2	54	DMETAL
	10/06/2011	5500J	.5J	.2U	1.1UJ	1U	340	76000	.66J	1U	1U	NA	9.6	9.6	DMETAL
	10/06/2011	5600J	.29J	.2U	1UJ	1U	320	76000	.34J	1U	1U	NA	8.5	28	DMETAL
	4/4/2012	4700	0.8 J	0.2 U	1.7	1 U	98 J	NA	0.55 UJ	1 U	78000	1 U	6.7	9 U	DMETAL
B185	09/02/2010	130000	330	.03U	1	7.1	2400	130000	2U	.5U	2U	NA	4U	3.6J	METAL
	04/15/2011	120000	130	.2U	1.9U	1U	990	92000	2.5U	1.7U	1U	NA	3.4	8.3	DMETAL
	04/15/2011	130000	120	.2U	1.9U	1U	1000	97000	2.5U	1.7U	1U	NA	3.6	5.8J	DMETAL
	10/03/2011	140000	170	.088UJ	.69UJ	8.4	1200	120000	.28J	1U	1U	NA	5.7	47	DMETAL
	10/03/2011	220000	170	.088UJ	1U	1U	1300	130000	1U	1U	1U	NA	5.2	29	DMETAL
	4/2/2012	140000	440	0.041 J	0.77 J	5.2	780	NA	0.89 UJ	1 U	120000	1 U	4.8	9 U	DMETAL
B194	09/09/2010	39000	180	.03U	2.3	1.8	4400	120000	2U	.5U	2U	NA	2.4J	5U	METAL
	04/13/2011	35000	1.8	.2U	.74J	.79J	1100	99000	1UJ	1U	1U	NA	3.9	27	DMETAL
	10/04/2011	36000	8.7	.2U	1U	1U	1000	110000	.51J	1U	.24J	NA	4.7	9U	DMETAL
	4/4/2012	35000	0.36 J	0.2 U	1 U	1 U	350 U	NA	1 U	1 U	110000	1 U	4.4	5.4 J	DMETAL
B195	09/09/2010	110000	63	10	1.1	3.1	2900	130000	2U	.5U	2U	NA	4U	4.3J	METAL
	04/13/2011	36000	5	1.2	.36J	1.1	570	57000	1UJ	1U	1U	NA	4	57	DMETAL
	04/13/2011	39000	11	2.4	1UJ	1.1	660	59000	.43J	1U	1U	NA	4.1	5UJ	METAL

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B195	04/13/2011	35000	5.1	1.1	.39J	1	560	56000	.44J	1U	1U	NA	3.6	27	DMETAL
	04/13/2011	40000	8.1	2.2	1UJ	2.9U	690	60000	.41J	1U	1U	NA	3.9	8UJ	METAL
	10/04/2011	120000	15	10	1.2UJ	3.3	820	110000	1U	1U	1.6	NA	5	9J	DMETAL
	10/04/2011	150000	16	15	2.5	1.5	870	140000	1U	1U	.45J	NA	4	9U	METAL
	4/3/2012	50000	8.3	2	0.71 J	1 U	390	NA	1.1 UJ	1 U	69000	1 U	6.2	9 U	DMETAL
	4/3/2012	43000	7 J	2.7	1 U	0.41 J	740	NA	1.3	1 U	65000	1 U	1.9	9 U	METAL
B197	09/09/2010	120000	36	.03U	1.5	2.8	2000	130000	2U	.5U	2U	NA	2.7J	5.8	METAL
	09/09/2010	120000	34	.03U	1.4	2.6	1800J	130000	2U	.5U	2U	NA	2.8J	3.8J	METAL
	04/13/2011	150000	1300	.2U	1.3	8.4	1300	140000	1U	1U	1U	NA	2.4	10	DMETAL
	10/04/2011	120000	530	.2U	.73UJ	8	1300	110000	.68J	.21J	1U	NA	6.7	14	DMETAL
	4/3/2012	170000	2500	0.049 J	1 U	3.3	1700 U	NA	0.44 UJ	1 U	170000	1 U	1 U	9 U	DMETAL
	4/3/2012	160000	2400	0.062 J	1 U	2.2	1700 U	NA	0.47 UJ	1 U	170000	1 U	1 U	9 U	DMETAL
B277	09/15/2010	23000	9.9	.03U	1	1U	2000	58000	2U	.5U	2U	NA	2.5J	5U	METAL
	04/18/2011	22000	37	.07J	1.4	1U	1200	45000	.53J	1.7U	1U	NA	4.5	7.8J	DMETAL
	10/05/2011	23000J	35	.2U	.3J	1U	1100	55000	1U	1U	1U	NA	6.6	25	DMETAL
	4/3/2012	24000	4.8	0.2 U	1.1	1 U	1000	NA	0.56 UJ	1 U	47000	1 U	6.2	12	DMETAL
B278	09/16/2010	150000	150	.015J	.62	2.7	3900	190000	2U	.5U	2U	NA	4U	6.4	METAL
	04/19/2011	130000	35	.15J	1.9UJ	2.3J	2100	170000	2.5U	1.7U	1U	NA	3	38J	DMETAL
	10/05/2011	150000	46	.2U	1U	1U	2500	170000	1U	1U	1U	NA	5.1	29	DMETAL
	4/5/2012	150000	19	0.036 UJ	0.79 UJ	2.7	1700 U	NA	1 U	1 U	200000	1 U	4.1	20 U	DMETAL
B280A	09/16/2010	29000	15	.03U	1.6	.77J	1200J	66000	2U	.5U	2U	NA	2.4J	5U	METAL
	04/14/2011	22000	8.3	.2U	1.9UJ	1U	570	48000	2.5U	1.7U	1U	NA	3.7	9U	DMETAL
	10/06/2011	25000J	14	.2U	1.6UJ	.37J	840	54000	.31J	1U	1U	NA	4.8	8.9	DMETAL
	4/3/2012	27000	6.6	0.2 U	1 U	1 U	730	NA	1 U	1 U	62000	1 U	6.3	9 U	DMETAL
B280B	10/01/2010	25000	7.2	.03U	3.8	.62J	8900	130000	2U	.5U	2U	NA	4U	3.2J	METAL
	04/14/2011	20000	.86J	.2U	1.9UJ	1U	3900	87000	2.5U	1.7U	1U	NA	2.7	6.5J	DMETAL
	10/06/2011	21000J	22	.2U	2.8	1U	3000	72000	1U	1U	1U	NA	2.3	7.3	DMETAL
	4/3/2012	20000	3.8	0.066 J	1 U	1 U	2900	NA	1 U	1 U	78000	1 U	5.1	9 U	DMETAL
B300	09/09/2010	82000	110	.03U	1	2.8	4100	110000	2U	.5U	2U	NA	4U	5U	METAL
	04/15/2011	160000	12000	.2U	1.9UJ	.8J	9100J	190000	.4J	1.7U	1U	NA	.73J	9U	DMETAL
	10/06/2011	5300J	1400	.11UJ	20U	23U	13000	6500	20U	20U	10U	NA	12J	1000	DMETAL
	4/9/2012	130000	9200	0.06 UJ	1 U	7.6	3800	NA	1 U	1 U	140000	1 U	0.51 J	53	DMETAL

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B38	09/15/2010	23000	37	.03U	.58	3.9	1600J	57000	2U	.5U	2U	NA	4U	3.6J	METAL
	04/19/2011	18000	4.3	.2U	1UJ	2.2J	520	47000	2.5U	1.7U	1U	NA	2.6	11	DMETAL
	04/19/2011	18000	4	.089J	1UJ	2.6J	590	51000	2.5U	1.7U	1U	NA	2.7	40	DMETAL
	10/06/2011	15000J	31	.2U	.36UJ	3.1	480	37000	1U	1U	1U	NA	3.1	8.6	DMETAL
	4/4/2012	17000	11	0.2 U	0.32 J	0.67 J	170 U	NA	0.46 UJ	1 U	42000	1 U	3.5	6.5 J	DMETAL
B450	04/19/2011	43000	5.1	.055J	1.4UJ	2.9U	1800	73000	2.5U	1.7U	.36J	NA	3.2	3.3J	DMETAL
	04/19/2011	51000	22	.099J	1.4J	1U	2200	84000	2.5U	1.7U	.48J	NA	3.5	9U	METAL
	10/10/2011	35000	73	.2U	.69J	1.5	1400	52000	.32J	1U	.16J	NA	3.6	38	DMETAL
	4/6/2012	61000	1.4	0.2 U	1.4	1 U	2100	NA	1.7	1 U	79000	1 U	2.6	17 J	DMETAL
B460	09/15/2010	17000	500	.03U	.65	2.8	3300	44000	2U	.5U	2U	NA	4U	8.2	METAL
	04/20/2011	18000J	7.2	.08J	1.9UJ	1.3J	2900	45000	2.5U	1.7U	1U	NA	1.7J	23	DMETAL
	10/07/2011	18000	270	.2U	1.5UJ	.75J	1800	37000	1U	1U	1U	NA	1.4	7.1	DMETAL
	4/6/2012	15000	35	0.2 U	0.64 J	1 U	1000	NA	1 U	1 U	36000	1 U	2.1	17 J	DMETAL
B473	09/24/2010	26000	42	.03U	.95	2	1900J	100000	2U	.5U	2U	NA	4.1	23	METAL
	04/20/2011	44000J	1.2J	.067J	1.9UJ	1.2J	4000	99000	2.5U	1.7U	1U	NA	3.7	14	DMETAL
	10/07/2011	22000	.55UJ	.2U	.38UJ	1U	1400	67000	1U	1U	1U	NA	3.7	8.4	DMETAL
	4/6/2012	18000	2.8	0.2 U	0.89 J	1 U	1000	NA	1 U	1 U	59000	1 U	3.1	12 J	DMETAL
B474	09/23/2010	24000	540	.024J	2.1	5.3	3500	120000	2U	.5U	2U	NA	2.4J	6.4	METAL
	04/20/2011	27000J	42	.066J	2.5UJ	1.5J	3000	81000	2.5U	1.7U	1U	NA	4.2	36	DMETAL
	04/20/2011	26000	55	.2UJ	3.1	1.7J	2900	78000	2.5U	1.7U	.057J	NA	3.7	9U	METAL
	10/07/2011	10000	4UJ	.11UJ	18	3.5	1500	20000	1U	1U	1U	NA	3.5	98	DMETAL
	10/07/2011	14000	66	.22	21	6	2000	17000	.31J	1U	1U	NA	4.6	17	METAL
	4/9/2012	16000	140	0.07 UJ	8.7	6.7	2300	NA	1 U	1 U	16000	1 U	4.7	11 J	DMETAL
	4/9/2012	14000	140	0.038 J	9.5	6	2200	NA	0.45 J	1 U	20000	1 U	1.7	16 J	METAL
B480	09/24/2010	46000	480	.03U	1.5	2	3900	110000	2U	.5U	2U	NA	2J	3.3J	METAL
	04/19/2011	39000	37	.1J	1.9UJ	1.3J	2200	86000	2.5U	1.7U	.082J	NA	4.1	11	DMETAL
	10/07/2011	32000	42UJ	.2U	1.3UJ	2	1500	61000	.37J	1U	1U	NA	3.8	30	DMETAL
	4/9/2012	50000	3.8	0.06 UJ	1 U	3.3	1700	NA	1 U	1 U	92000	1 U	6.8	21	DMETAL
B490	09/16/2010	54000	86	.03U	.66	2.1	1600J	55000	2U	.5U	2U	NA	3.2J	5U	METAL
	04/20/2011	52000	1.4J	.2U	1.9UJ	1.1J	860	56000	2.5U	1.7U	1U	NA	5.2	16	DMETAL
	10/10/2011	42000	11	.2U	1.2UJ	.37J	500U	50000	1U	.076J	.42J	NA	5.3	18	DMETAL
	4/9/2012	50000	4.9	0.049 UJ	0.33 J	2.5	510	NA	1 U	1 U	53000	1 U	6.7	9.8 J	DMETAL

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METALS (ug/L)

Location ID	Sample Date	MAGNESIUM	MANGANSES	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SODIUM	SELENIUM	SILVER	THALLIUM	TIN	VANADIUM	ZINC	ANLYGRP
BULB1	10/19/2010	850000	5600	.09	33	46	150000	7700000	8.6	5U	20U	NA	10U	20	METAL
	04/12/2011	670000	1300	.2UJ	5.5	4	190000	5700000	1UJ	1U	.1J	NA	.9J	18	DMETAL
	04/12/2011	710000	2000	.15J	7.7	7.5	150000	6400000	.6J	1U	.39J	NA	1.3	38	METAL
	09/30/2011	1400000	950	.2U	6.5	5	230000	8200000	1J	.19J	1U	NA	10	19	DMETAL
	09/30/2011	980000	750	.09J	4.7	1U	300000	9700000	.73UJ	1U	1U	NA	1.3	9U	METAL
	4/5/2012	970000	640	0.2 U	6.5	2.7	270000	NA	0.87 J	1 U	8000000	1 U	0.64 J	20 U	DMETAL
	4/5/2012	860000	510	0.043 J	6.2	1.4	260000	NA	1.1 UJ	1 U	7300000	1 U	4.5	20 U	METAL
BULB2	10/19/2010	190000	5600	2.5	7.9	25	40000	1900000	3	.5U	2U	NA	2.8J	22	METAL
	04/12/2011	21000	460	.2U	6.6	3.2	10000	400000	1UJ	1U	.22J	NA	2.1	48	DMETAL
	04/12/2011	85000	2800	.2J	8.1	16	17000	740000	.36J	1U	.18J	NA	3.2	61	METAL
	09/30/2011	42000	760	.2U	7.3	2.5	7900	220000	1U	1U	1U	NA	4.9	15	DMETAL
	09/30/2011	44000	770	.31	5.6	.12J	9100	240000	1U	1U	1U	NA	3.9	9U	METAL
	4/5/2012	190000	1600	0.047 UJ	4.2	13	37000	NA	1.3	1 U	1500000	1 U	2.8	8.8 J	DMETAL
	4/5/2012	200000 J	1400 J	0.099 J	5.9	5.3	30000	NA	0.46 UJ	1 U	1500000 J	1 U	2.5	15 J	METAL
CCC1	09/08/2010	17000	4.1	.03U	2.2	1.2	2500	98000	2U	.5U	2U	NA	3.3J	3.5J	METAL
	04/14/2011	20000	18	.047J	2.4UJ	1.4J	1400	91000	2.5U	1.7U	.11J	NA	3.6	9UJ	DMETAL
	10/05/2011	23000J	24	.2U	.9J	1U	1300	89000	1U	1U	1U	NA	6.3	2.1J	DMETAL
	4/10/2012	28000	7.7	0.043 UJ	0.24 J	3	1500	NA	0.28 J	1 U	120000	1 U	3.9	17 J	DMETAL
CCC2	09/08/2010	32000	42	.03U	2.4	1.6	3600	120000	6.6	.5U	2U	NA	2J	3.4J	METAL
	04/14/2011	160000	69	.2U	1.9U	38	2000	140000	5.4	1.7U	.62J	NA	.82J	55	DMETAL
	04/14/2011	180000	100	.2U	1U	40	2100	160000	6.1	1U	1U	NA	1.2	5.7UJ	METAL
	10/04/2011	47000	110	.05UJ	.85UJ	1U	1700	110000	6.8	1U	1U	NA	2.4	13	DMETAL
	10/04/2011	46000	120	.2U	1.3UJ	4	1700	99000	6.6	1U	.63J	NA	3	9U	METAL
	4/10/2012	84000	200	0.059 UJ	1 U	11	1800	NA	3.5	1 U	110000	1 U	2.3	49	DMETAL
	4/10/2012	72000	140	0.043 J	0.75 J	9	2000	NA	4.8	1 U	89000	1 U	1.6	7 J	METAL
CCC3	09/03/2010	47000	940	.019J	4	6.5	4200	110000	2U	.5U	2U	NA	3.5J	3.9J	METAL
	09/03/2010	46000	1200	.03U	3.3	5.8	2800	99000	2U	.5U	2U	NA	4U	5U	METAL
	04/12/2011	35000	31	.2U	1.1	1	2000	86000	1U	1U	1U	NA	3.1	13	DMETAL
	10/04/2011	45000	510	.2U	1.6UJ	1U	2000	91000	1U	1U	1U	NA	3.5	9U	DMETAL
	10/04/2011	44000	520	.058UJ	2.3UJ	1U	1900	85000	1U	1U	1U	NA	3	9U	DMETAL
	4/10/2012	46000	350	0.053 UJ	0.51 J	4.9	2500	NA	1 U	1 U	95000	1 U	2.6	10 J	DMETAL
CCCT	09/03/2010	81000	1400	.015J	2.5	6.6	5000	150000	2U	.5U	2U	NA	4U	3.3J	METAL

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CCCT	04/18/2011	68000	86	.12J	1.7	1U	2300	120000	.47J	1.7U	.072J	NA	3.2UJ	2.7J	DMETAL
	10/03/2011	84000	210	.091UJ	1.6UJ	1U	1900	140000	.26J	1U	1U	NA	1U	53	DMETAL
	4/4/2012	91000	210	0.2 U	2.9	1.6	1500	NA	0.5 UJ	1 U	140000	1 U	2.9	7.5 J	DMETAL
CTP	09/30/2010	27000	400	.03U	1.2	2.1	2000	76000	2U	.5U	2U	NA	4U	5U	METAL
	09/30/2010	28000	400	.03U	1.2	2.1	1700J	76000	2U	.5U	2U	NA	4U	5U	METAL
	04/14/2011	28000	280	.2U	1.9UJ	1U	1500	52000	2.5U	1.7U	1U	NA	2.9	230	DMETAL
	10/06/2011	26000J	230	.2U	.74UJ	.9J	890	56000	.17J	1U	1U	NA	2.9	63	DMETAL
	4/3/2012	30000	110	0.2 U	1 U	1 U	1000	NA	0.67 UJ	1 U	63000	1 U	1.9	57	DMETAL
CTPS	09/30/2010	69000	1000	.03U	1.3	4.4	7500	150000	2U	.5U	2U	NA	4U	2.7J	METAL
	04/19/2011	25000	6.8	.2U	1UJ	1.7J	1300	65000	2.5U	1.7U	1U	NA	.94J	11	DMETAL
	10/07/2011	30000	37UJ	.2U	.51UJ	2.4	2000	78000	.3J	1U	.27J	NA	1.5	11	DMETAL
	4/5/2012	24000	1.7	0.023 UJ	0.57 UJ	3.1	430	NA	1 U	0.37 J	62000	1 U	2.1	20 U	DMETAL
DH	09/30/2010	340000	1300	.03U	2.2	37	6700	520000	2U	.5U	2U	NA	4U	5	METAL
	04/14/2011	420000	980	.2U	1.9UJ	39	5100	480000	2.5U	1.7U	1U	NA	2.8	17	DMETAL
	10/05/2011	560000J	4500	.2U	.21J	14	4200	570000	1U	1U	1U	NA	2.4	41	DMETAL
	4/6/2012	390000	19000	0.066 J	1.6	56	7900	NA	1 U	1 U	560000	1 U	2.2	25	DMETAL
EERC	10/01/2010	350000	5500	.015J	2.9	18	9800	480000	2U	.5U	2U	NA	4U	7.5	METAL
	04/20/2011	330000J	320	.044J	1.9UJ	9.5J	5000	520000	2.5U	1.7U	1U	NA	3.1	11	DMETAL
	04/20/2011	330000	190	.2UJ	1.8J	9.7	4300	570000	2.5U	1.7U	.07J	NA	3.3	9U	METAL
	10/07/2011	270000	2900	.2U	1.7UJ	9.9	2900	400000	.71J	1U	1U	NA	1.2	5.4	DMETAL
	10/07/2011	270000	3500	.2U	2.4	13	2800	430000	.56J	1U	1U	NA	2.9	11	METAL
	4/6/2012	270000	23	0.2 U	1.5	1 U	3300	NA	0.35 J	1 U	440000	1 U	3.6	7.6 J	DMETAL
	4/6/2012	260000	45	0.2 U	2.9	2.7	3500	NA	0.78 J	1 U	430000	1 U	3.1	20 U	METAL
EPA	09/16/2010	39000	700	.017J	2.5	2.1	5100	130000	2U	.5U	2U	NA	4U	6.2	METAL
	04/19/2011	39000	130	.2U	2UJ	1.3J	2700	150000	2.5U	1.7U	1U	NA	1.8	4.5J	DMETAL
	10/06/2011	37000J	390	.2U	1.8UJ	1U	2200	120000	.24J	1U	1U	NA	2.5	11	DMETAL
	4/6/2012	48000	520	0.2 U	1.4	1 U	1700	NA	1 U	1 U	150000	1 U	1	15 J	DMETAL
	4/6/2012	45000	410	0.2 U	1.4	1 U	1300	NA	1 U	1 U	160000	1 U	1.3	8.1 J	DMETAL
ETA	09/24/2010	86000	4600	2.3	2.7	10	1900J	150000	2U	.5U	2U	NA	5.4	110	METAL
	09/24/2010	86000	4600	1.3	2.9	4.9	1600J	150000	2U	.5U	2U	NA	4U	50	METAL
	04/12/2011	81000	4000	.2U	4.3	2.8	1300	130000	1U	1U	.3J	NA	.55J	47	DMETAL
	04/12/2011	89000	4300	1.6	4.9	6.3	1800	130000	.15J	1U	1U	NA	3.9	95	METAL

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ETA	09/30/2011	81000	5000	.2U	2.1UJ	3.6	900	150000	.8J	.06J	1U	NA	13	47	DMETAL
	09/30/2011	84000	4800	1.6	1.8	4.3J	980	160000	1U	1U	1U	NA	2.2	61	METAL
	4/10/2012	130000	5100	0.083 UJ	1.8	3.8	1300	NA	1 U	1 U	190000	1 U	0.99 J	57	DMETAL
	4/10/2012	90000	4900	0.78	3	4	780	NA	1 U	0.74 J	110000	0.28 J	1.1	54	METAL
	4/10/2012	110000	4800	0.095 UJ	2	3.6	1200	NA	1 U	1 U	170000	1 U	1.1	55	DMETAL
	4/10/2012	87000	4900	0.64	3	3.9	1200	NA	1 U	1 U	110000	1 U	0.96 J	49	METAL
FG	09/23/2010	130000	4200	.015J	.93	130	2700	130000	8U	.5U	2U	NA	91	170	METAL
	04/19/2011	33000	28	.063J	1UJ	2.7J	800	83000	2.5U	1.7U	1U	NA	1.9	29	DMETAL
	04/19/2011	35000	70	.14J	1.1J	7.3	1200	91000	2.5U	1.7U	.21J	NA	5.8	9U	METAL
	04/19/2011	31000	31	.057J	1UJ	.26J	810	79000	2.5U	1.7U	1U	NA	1.8	29	DMETAL
	04/19/2011	35000	84	.1J	1.9U	6.7	1000	87000	2.5U	1.7U	.15J	NA	4.2	9U	METAL
	10/10/2011	50000	93	.2U	.73UJ	3.8	2100	94000	.19J	1U	1U	NA	2	31	DMETAL
	10/10/2011	54000	160	.2U	.66J	4.9	1200	100000	.21J	1U	1U	NA	1.8	10	METAL
	4/9/2012	29000	1.8	0.032 UJ	1 U	1 U	420	NA	0.28 J	1 U	75000	1 U	4.2	20 U	DMETAL
	4/9/2012	27000	13	0.2 U	0.8 UJ	2.1	810	NA	1 U	1 U	73000	1 U	1.9	20 U	METAL
GEO	09/03/2010	30000	43	.03U	2.6	1.5	2800	85000	2U	.5U	2U	NA	2.5J	5U	METAL
	04/20/2011	31000J	440	.071J	4.5UJ	6.2J	3700	69000	2.5U	1.7U	.17J	NA	3.2	58	DMETAL
GEO	10/06/2011	25000J	230	.2U	3.4	1.5	1900	54000	.32J	1U	1U	NA	4	26	DMETAL
	4/6/2012	33000	27	0.2 U	1.6	1 U	810	NA	1 U	1 U	71000	1 U	4.6	36	DMETAL
MFA	09/24/2010	61000	580	.18	5.2	7.9	1400J	150000	2U	.5U	2U	NA	3.9J	4.4J	METAL
	04/12/2011	37000	230	.2UJ	4.2	7.1	510	99000	1UJ	1U	1U	NA	4.6	39	DMETAL
	10/03/2011	60000	410	.82	4.1J	16	450	120000	.23J	1U	1U	NA	3.3	8.2J	DMETAL
	4/5/2012	43000	270	0.52	5.4	9.4	200	NA	1 U	1 U	130000	0.21 J	6.4	20 U	DMETAL
NRLF	09/16/2010	26000	440	.03U	1.1	1.9	2400	57000	2U	.5U	2U	NA	4U	5U	METAL
	04/20/2011	30000J	640	.2U	1.9UJ	2.9UJ	2700	81000	2.5U	1.7U	1U	NA	.92J	83	DMETAL
	10/06/2011	22000J	110	.2U	1UJ	.31J	920	42000	1U	1U	1U	NA	2.8	22	DMETAL
	4/9/2012	25000	210	0.053 UJ	1 U	4.9	1300	NA	1 U	1 U	54000	1 U	0.89 J	11 J	DMETAL
PZ11	10/01/2010	210000	1700	.03U	3.8	140	1100J	170000	2U	.5U	2U	NA	3.8J	430	METAL
	04/20/2011	290000J	11000	.08J	1.9UJ	1700J	350	180000	2.5U	1.7U	1U	NA	1.7U	10000	DMETAL
	04/20/2011	290000	13000	.23UJ	1.9U	2400	430	200000	2.5U	1.7U	.1J	NA	1.7U	13000	METAL
	10/10/2011	250000	3200	.2U	3.4	300	730	150000	.22J	1U	1U	NA	4.4	740	DMETAL
	10/10/2011	270000	3700	.2U	3.6	340	490	160000	1U	1U	1U	NA	3.8	810	METAL

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PZ11	4/5/2012	200000	6600	0.049 UJ	1 U	1400	170 U	NA	0.35 J	1 U	170000	1 U	1	7600	DMETAL
	4/5/2012	180000	5400	0.03 J	0.41 UJ	1200	170 U	NA	0.48 UJ	1 U	160000	1 U	0.4 J	6600	METAL
PZ8	10/15/2010	40000	27	.03UJ	.49J	2.5	2000U	66000	2U	.5U	2U	NA	3.5J	3.4J	METAL
	04/18/2011	31000	2.9	.04J	.56J	1U	800	53000	.26J	1.7U	1U	NA	4.1	5U	DMETAL
	10/04/2011	40000	.73J	.07UJ	.56UJ	.87J	490	62000	.26J	.099J	1U	NA	4.2	9U	DMETAL
	4/3/2012	42000	4.5	0.2 U	1 U	1 U	130 J	NA	0.44 J	1 U	56000	1 U	3.1	9 U	DMETAL
PZ9	09/24/2010	36000	260	.17	.95	3.5	2000U	54000	2U	.5U	2U	NA	2.3J	4.9J	METAL
	04/20/2011	34000J	1900	.2U	1.9UJ	5.3J	330	45000	2.5U	1.7U	1U	NA	2.1	10	DMETAL
	10/07/2011	31000	190	.022UJ	.54UJ	2.7	560	42000	1U	1U	1U	NA	3.8	69	DMETAL
	10/07/2011	32000	200	.2U	.64UJ	1U	570	43000	1U	1U	1U	NA	3.6	60	DMETAL
	4/6/2012	44000	2900 J	0.026 J	1.7	1 U	170 U	NA	1 U	1 U	53000	1 U	0.47 J	8.3 J	DMETAL
RWF	09/15/2010	60000	88	.03U	.71	2.8	2000	77000	2U	.5U	2U	NA	2.1J	3.8J	METAL
	04/18/2011	55000	3.1	.2U	1	1U	1100	75000	.21J	1.7U	1U	NA	2.6UJ	9U	DMETAL
	10/06/2011	53000J	19	.2U	.52UJ	.78J	1000	61000	.54J	1U	1U	NA	3.7	29	DMETAL
	4/4/2012	57000	290	0.029 J	0.86 J	2.9	2300	NA	1 U	1 U	70000	1 U	3.9	120	DMETAL
TP1	09/29/2010	60000	260	.33	1.3	5.8	2000	92000	2U	.5U	2U	NA	2.3J	7.2	METAL
	04/18/2011	94000	980	.17J	1.9	1U	3900	210000	.21J	1.7U	1U	NA	1.7UJ	5.5J	DMETAL
	10/07/2011	60000	420	.056UJ	.65UJ	11	980	71000	1U	1U	1U	NA	1.8	12	DMETAL
	4/5/2012	120000	3400	0.2 UJ	2.7	20	1300	NA	1 U	1 U	290000	1 U	1.1	20 U	DMETAL
TP2	09/29/2010	72000	120	.03U	1.1	8.6	1600J	88000	2U	.5U	2U	NA	2.9J	5U	METAL
	04/18/2011	56000	3.3	.2U	.82J	1U	2300	75000	.78J	1.7U	1U	NA	3.9	4.2J	DMETAL
	10/07/2011	67000	5.1UJ	.2U	.68UJ	1U	1300	73000	.17J	1U	.11J	NA	3.4	42	DMETAL
	4/9/2012	66000	5.4	0.054 UJ	1 U	4.1	1800	NA	1 U	1 U	75000	1 U	5.7	8.5 J	DMETAL
	4/9/2012	67000	6.1	0.058 UJ	1 U	3.4	1500	NA	0.28 J	1 U	79000	1 U	6.8	8.7 J	DMETAL
WTA	09/30/2010	66000	48	.03U	1.4	1.5	2100	150000	2U	.5U	2U	NA	3J	5U	METAL
	04/14/2011	61000	21	.2U	1.9UJ	.97J	1100	120000	2.5U	1.7U	.093J	NA	3.8	4.3J	DMETAL
	04/14/2011	63000	31	.041J	1UJ	2.9U	1200	130000	1U	1U	1U	NA	4.1	5UJ	METAL
	04/14/2011	61000	20	.2U	1.9UJ	1J	1100	120000	2.5U	1.7U	.1J	NA	4.1	9U	DMETAL
	04/14/2011	64000	29	.042J	1UJ	2.9U	1200	130000	1U	1U	1U	NA	4.1	9U	METAL
	10/05/2011	64000J	93	.2U	.25J	1U	1300	140000	1U	1U	1U	NA	4.1	5U	DMETAL
	10/5/2011	67000J	120J	.2U	1.2	2.7UJ	1100	130000	.66J	1U	.15J	NA	5.2	5.6	METAL
	4/5/2012	60000	26	0.03 UJ	1.3 UJ	1.1	990	NA	1 U	1 U	150000	1 U	5.1	20 U	DMETAL
	4/5/2012	55000	46	0.2 U	1.5 UJ	1 U	500	NA	0.97 UJ	1 U	140000	1 U	3.9	6.7 J	METAL

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

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University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE
B120	09/09/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.6	.5U	.5U
	04/15/2011	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	5U	1.3U	1.3U	.5J	1.3U	1.3U
	10/04/2011	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	8U	2U	2U	.6J	2U	2U
	04/03/12	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	5 U	1.3 U	1.3 U	0.6 J	1.3 U	1.3 U
B121	09/08/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B128	09/23/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	09/23/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/02/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B150	09/08/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B158	09/08/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/15/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B163	09/02/2010	.5U	.5U	.5U	.5U	.3J	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	8.5	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5U	.6	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	9	.5U	.5U
	10/03/2011	.5U	.5U	.5U	.5U	.4J	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	7.1	.5U	.5U
	04/02/12	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	8.2	0.5 U	0.5 U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

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University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE
B175S	09/03/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B175W	09/08/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
B177	09/23/2010	.5U	.5U	.5U	.5U	.5UJ	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B178	09/02/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5	.5U	.5U
	04/15/2011	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	5U	1.3U	1.3U	.4J	1.3U	1.3U
	10/04/2011	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	5U	1.3U	1.3U	.5J	1.3U	1.3U
	04/03/12	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	6.7 U	1.7 U	1.7 U	0.5 J	1.7 U	1.7 U
B180	09/15/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B185	09/02/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	1.4	.5U	.5U
	04/15/2011	.7U	.7U	.7U	.7U	.7U	.7U	.7U	.7U	.7U	.7U	2.9U	.7U	.7U	1	.7U	.7U
	04/15/2011	.5U	.5U	.5U	.5U	.2J	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	1.3	.5U	.5U
	10/03/2011	.5U	.5U	.5U	.5U	.2J	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	1.6	.5U	.5U
B185	10/03/2011	.7U	.7U	.7U	.7U	.3J	.7U	.7U	.7U	.7U	.7U	2.9U	.7U	.7U	1.1	.7U	.7U
	04/02/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U
B194	09/09/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U

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VOCs (ug/L)

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B194	10/04/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B195	09/09/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	1	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.3J	.5U	.5U
	04/13/2011	.7U	.7U	.7U	.7U	.7U	.7U	.7U	.7U	.7U	.7U	2.9U	.7U	.7U	.2J	.7U	.7U
	10/04/2011	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	5U	1.3U	1.3U	.7J	1.3U	1.3U
	04/03/12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	1 U	0.6 J	1 U	1 U
B197	09/09/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5	.5U	.5U
	09/09/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5	.5U	.5U
	04/13/2011	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	6.7U	1.7U	1.7U	1.7U	1.7U	1.7U
	10/04/2011	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	6.7U	1.7U	1.7U	.4J	1.7U	1.7U
	04/03/12	1 U	1 U	1 U	1 U	0.3 J	1 U	1 U	1 U	1 U	1 U	4 U	1 U	1 U	0.7 J	1 U	1 U
	04/03/12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	1 U	0.7 J	1 U	1 U
B277	09/15/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B278	09/16/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B280A	09/16/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
B280A	10/06/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B280B	10/01/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater Sampling, Field Sampling Workplan

University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE
B280B	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B300	09/09/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/15/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B38	09/15/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B450	04/19/2011	.2J	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/10/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B460	09/15/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B473	09/24/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B474	09/23/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
B474	04/20/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B480	09/24/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater Sampling, Field Sampling Workplan

University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE
B480	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
B490	09/16/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/10/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BULB1	10/19/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	09/30/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BULB2	10/19/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	09/30/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CCC1	09/08/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CCC2	09/08/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CCC3	09/03/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	09/03/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CCCT	09/03/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.2J	.5U	.5U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater Sampling, Field Sampling Workplan

University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE
CCCT	04/18/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.2J	.5U	.5U
	10/03/2011	.5U	.5U	.5U	.5U	.2J	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.2J	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U
CTP	09/30/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	09/30/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CTPS	09/30/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DH	09/30/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
EERC	10/01/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
EERC	10/07/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
EPA	09/16/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETA	09/24/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	09/24/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5U	.3J	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U

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University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE
ETA	09/30/2011	.5U	.5U	.5U	.5U	.3J	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.2J	.5U	.5U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
FG	09/23/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/10/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
GEO	09/03/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MFA	09/24/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/03/2011	.5U	.5U	.5U	.5U	.2J	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
NFA	04/12/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
NRLF	09/16/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
NRLF	10/06/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PZ11	10/01/2010	.5U	.5U	.5U	.5U	1.5	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/10/2011	3.1U	3.1U	3.1U	3.1U	2.4J	3.1U	3.1U	3.1U	3.1U	3.1U	13U	3.1U	3.1U	3.1U	3.1U	3.1U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PZ8	10/15/2010	.5U	.5U	.5U	.5U	.5UJ	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater Sampling, Field Sampling Workplan

University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE
PZ9	09/24/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	.1J	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	.1J	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
RWF	09/15/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TP1	09/29/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TP2	09/29/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
WTA	09/30/2010	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5	.5U
	04/14/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.4J	.5U
	04/14/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.4J	.5U
	10/05/2011	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	2U	.5U	.5U	.5U	.5J	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater Sampling, Field

University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE
B120	09/09/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/15/2011	1.3U	1.3U	1.3U	1.3U	25U	1.3U	25U	1.3U	25U	25U	1.3U	1.3U	1.3U	1.3U	2.5U	2.5U
	10/04/2011	2U	2U	2U	2U	40U	2U	40U	2U	40U	40U	2U	2U	2U	2U	4U	4U
	04/03/12	1.3 U	1.3 U	1.3 U	1.3 U	25 U	1.3 U	25 U	1.3 U	25 U	25 U	1.3 U	1.3 U	1.3 U	1.3 U	2.5 U	2.5 U
B121	09/08/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	2J	.5U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B128	09/23/2010	.5U	.5U	.5U	.5U	43	.5U	NA	.5U	NA	11J	.5U	.5U	.5U	.5U	.5U	.5U
	09/23/2010	.5U	.5U	.5U	.5U	49	.5U	NA	.5U	NA	14J	.5U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/02/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B150	09/08/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1UJ
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1UJ
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B158	09/08/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/15/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1UJ
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B163	09/02/2010	.5U	.5U	.5U	.5UJ	4U	.5U	NA	.5U	NA	2.7UJ	.2J	.5U	.5U	.5U	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.3J	.5U	.5U	.5U	1U	1U
	10/03/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.3J	.5U	.5U	.5U	1U	1U
	04/02/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.4 J	0.5 U	0.5 U	0.5 U	1 U	1 U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater Sampling, Field

University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE
B175S	09/03/2010	.5U	.5U	.5U	.5UJ	4U	.5U	NA	.5U	NA	2.5UJ	.5U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B175W	09/08/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
B177	09/23/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4UJ	.5U	.5U	.5U	.5U	.5U	.5UJ
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1UJ
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B178	09/02/2010	.5U	.5U	.5U	.5UJ	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/15/2011	1.3U	1.3U	1.3U	1.3U	25U	1.3U	25U	1.3U	25U	25U	1.3U	1.3U	1.3U	1.3U	2.5U	2.5U
	10/04/2011	1.3U	1.3U	1.3U	1.3U	25U	1.3U	25U	1.3U	25U	25U	1.3U	1.3U	1.3U	1.3U	2.5U	2.5U
	04/03/12	1.7 U	1.7 U	1.7 U	1.7 U	33 U	1.7 U	33 U	1.7 U	33 U	33 U	1.7 U	1.7 U	1.7 U	1.7 U	3.3 U	3.3 U
B180	09/15/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B185	09/02/2010	.5U	.5U	.5U	.5UJ	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/15/2011	.7U	.7U	.7U	.7U	14U	.7U	14U	.7U	14U	14U	.7U	.7U	.7U	.7U	1.4U	1.4U
	04/15/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.1J	.5U	.5U	.5U	1U	1U
	10/03/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.1J	.5U	.5U	.5U	1U	1U
B185	10/03/2011	.7U	.7U	.7U	.7U	14U	.7U	14U	.7U	14U	14U	.7U	.7U	.7U	.7U	1.4U	1.4U
	04/02/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.1 J	0.5 U	0.5 U	0.5 U	1 U	1 U
B194	09/09/2010	.5U	.5U	.5U	.5U	2.1J	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

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VOCs (ug/L)

Location ID	Sample Date	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE
B194	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B195	09/09/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/13/2011	.7U	.7U	.7U	.7U	14U	.7U	14U	.7U	14U	14U	.7U	.7U	.7U	.7U	1.4U	1.4U
	10/04/2011	1.3U	1.3U	1.3U	1.3U	25U	1.3U	25U	1.3U	25U	25U	1.3U	1.3U	1.3U	1.3U	2.5U	2.5U
	04/03/12	1 U	1 U	1 U	1 U	20 U	1 U	20 U	1 U	20 U	20 UJ	1 U	1 U	1 U	1 U	2 U	2 U
B197	09/09/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	09/09/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/13/2011	1.7U	1.7U	1.7U	1.7U	33U	1.7U	33U	1.7U	33U	33U	1.7U	1.7U	1.7U	1.7U	3.3U	3.3U
	10/04/2011	1.7U	1.7U	1.7U	1.7U	33U	1.7U	33U	1.7U	33U	33U	1.7U	1.7U	1.7U	1.7U	3.3U	3.3U
	04/03/12	1 U	1 U	1 U	1 U	20 U	1 U	20 U	1 U	20 U	20 UJ	1 U	1 U	1 U	1 U	2 U	2 U
	04/03/12	1 U	1 U	1 U	1 U	20 U	1 U	20 U	1 U	20 U	20 U	1 U	1 U	1 U	1 U	2 U	2 U
B277	09/15/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1UJ
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B278	09/16/2010	.5U	.5U	.5U	.5U	12	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1UJ
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B280A	09/16/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
B280A	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B280B	10/01/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U

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VOCs (ug/L)

Location ID	Sample Date	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE
B280B	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B300	09/09/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/15/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	1.5J	10U	.5U	.5U	.5U	.5U	1U	.3J
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B38	09/15/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	.4J
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B450	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/10/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B460	09/15/2010	.5U	.5U	.5U	.5U	27	.5U	NA	.5U	NA	22	.5U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B473	09/24/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4UJ	.5U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B474	09/23/2010	.5U	.5U	.5U	.5U	180	.5U	NA	.5U	NA	40J	.5U	.5U	.5U	.5U	.5U	.5U
B474	04/20/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B480	09/24/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	3.2UJ	.5U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U

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VOCs (ug/L)

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B480	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B490	09/16/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/10/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
BULB1	10/19/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	2.3J	2.3	.5U	.5U	.5U	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	09/30/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
BULB2	10/19/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	3.3J	4.1	.5U	.5U	.5U	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	09/30/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
CCC1	09/08/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	2.3J	.5U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1UJ
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
CCC2	09/08/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
CCC3	09/03/2010	.5U	.5U	.5U	.5UJ	30	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	09/03/2010	.5U	.5U	.5U	.5UJ	32	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
CCCT	09/03/2010	.5U	.5U	.5U	.5UJ	3.2J	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U

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VOCs (ug/L)

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CCCT	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/03/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
CTP	09/30/2010	.5U	.5U	.5U	.5U	35J	.5U	NA	.5U	NA	7UJ	.5U	.5U	.5U	.5U	.5U	.5U
	09/30/2010	.5U	.5U	.5U	.5U	17J	.5U	NA	.5U	NA	4.4UJ	.5U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
CTPS	09/30/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
DH	09/30/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	2.4UJ	.5U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1UJ
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	15 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
EERC	10/01/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1UJ
EERC	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
EPA	09/16/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
ETA	09/24/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4UJ	.5U	.5U	.5U	.5U	.5U	.5U
	09/24/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4UJ	.5U	.5U	.5U	.5U	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater Sampling, Field

University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE
ETA	09/30/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
FG	09/23/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	2.7J	.5U	.5U	.5U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/10/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
GEO	09/03/2010	.5U	.5U	.5U	.5UJ	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
MFA	09/24/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4UJ	.5U	.5U	.5U	.5U	.5U	.5U
	10/03/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
NFA	04/12/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
NRLF	09/16/2010	.5U	.5U	.5U	.5U	200	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
NRLF	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
PZ11	10/01/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/10/2011	3.1U	3.1U	3.1U	3.1U	63U	3.1U	63U	3.1U	63U	63U	3.1U	3.1U	3.1U	3.1U	6.3U	6.3U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
PZ8	10/15/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	.1J
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/03/12	0.5 U	0.5 U	0.1 J	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater Sampling, Field

University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE
PZ9	09/24/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4UJ	.5U	.5U	.5U	.5U	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5UJ	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 UJ	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
RWF	09/15/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4U	.5U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
TP1	09/29/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4UJ	.5U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
TP2	09/29/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	4UJ	.5U	.5U	.5U	.5U	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10UJ	.5U	.5U	.5U	.5U	1U	1U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
WTA	09/30/2010	.5U	.5U	.5U	.5U	4U	.5U	NA	.5U	NA	2UJ	.5U	.5U	.5U	.5U	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	10U	.5U	10U	10U	.5U	.5U	.5U	.5U	1U	1UJ
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	10 U	0.5 U	10 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater Sampling,
University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOCHLOROMETHANE	DIBROMOMETHANE	DICHLORODIFLOROETHANE	ETHYL TERT-BUTYL ETHER (ETBE)	ETHYLBENZENE	FREON 113	FREON 12	HEXACHLOROBUTADIENE
B120	09/09/2010	NA	.5U	.5U	.5U	.5U	.5U	3.1	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/15/2011	1.3U	1.3U	1.3U	2.5U	.3J	2.5U	3.6	1.3U	1.3U	1.3U	NA	1.3U	1.3U	5U	2.5U	5U
	10/04/2011	2U	2U	2U	4U	2U	4U	3.5	2U	2U	2U	NA	2U	2U	8U	4U	8U
	04/03/12	1.3 U	1.3 U	1.3 U	2.5 U	1.3 U	2.5 U	3	1.3 U	1.3 U	1.3 U		1.3 U	1.3 U	5 U	2.5 U	5 U
B121	09/08/2010	NA	.5U	.5U	.5UJ	.5U	.5UJ	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/13/2011	.5U	.5U	.5U	1U	.5U	1UJ	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/04/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/04/12	0.5 U	0.5 U	0.5 U	1 U	0.1 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B128	09/23/2010	NA	.5U	.5U	.5U	.3J	.5U	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	09/23/2010	NA	.5U	.5U	.5U	.5	.5U	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/18/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/04/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/02/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 UJ	2 U
B150	09/08/2010	NA	.5U	.5U	.5UJ	1.4	.5UJ	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/13/2011	.5U	.5U	.5U	1U	.5U	1UJ	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/05/2011	.5U	.5U	.5U	1U	.6	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1UJ	2U
	10/05/2011	.5U	.5U	.5U	1U	.5J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1UJ	2U
	04/04/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
	04/04/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B158	09/08/2010	NA	.5U	.5U	.5UJ	4	.5UJ	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/15/2011	.5U	.5U	.5U	1U	1.6	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/05/2011	.5U	.5U	.5U	1U	2	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1UJ	2U
	04/06/12	0.5 U	0.5 U	0.5 U	1 U	1.6 UJ	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 UJ	2 U
B163	09/02/2010	NA	.5U	6.5	.5U	2.1	.5U	3	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/12/2011	.5U	.5U	8.4	1U	2.3	1U	3.2	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/03/2011	.5U	.5U	7.6	1U	2.4	1U	3.6	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/02/12	0.5 U	0.5 U	7.5	1 U	2.3	1 U	3	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 UJ	2 U
	04/04/12	0.5 U	0.5 U	0.5 U	1 U	0.3 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U

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VOCs (ug/L)

Location ID	Sample Date	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOCHLOROMETHANE	DIBROMOMETHANE	DICHLORODIFLOROETHANE	ETHYL TERT-BUTYL ETHER (ETBE)	ETHYLBENZENE	FREON 113	FREON 12	HEXACHLOROBUTADIENE
B175S	09/03/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/13/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/04/2011	.5U	.5U	.5U	1U	.5U	1U	.2J	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/04/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B175W	09/08/2010	NA	.5U	.5U	.5UJ	.4J	.5UJ	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/13/2011	.5U	.5U	.5U	1U	.2J	1UJ	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/04/2011	.5U	.5U	.5U	1U	.2J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
B177	09/23/2010	NA	.5U	.5U	.5U	9.5	.5U	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5UJ	NA	.5U
	04/18/2011	.5U	.5U	.5U	1U	2.7	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/05/2011	.5U	.5U	.5U	1U	6.5	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1UJ	2U
	04/04/12	0.5 U	0.5 U	0.5 U	1 U	0.9	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B178	09/02/2010	NA	.5U	.5U	.5U	.2J	.5U	2.5	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/15/2011	1.3U	1.3U	1.3U	2.5U	.4J	2.5U	2.7	1.3U	1.3U	1.3U	NA	1.3U	1.3U	5U	2.5U	5U
	10/04/2011	1.3U	1.3U	1.3U	2.5U	1.3U	2.5U	3.2	1.3U	1.3U	1.3U	NA	1.3U	1.3U	5U	2.5U	5U
	04/03/12	1.7 U	1.7 U	1.7 U	3.3 U	1.7 U	3.3 U	2.3	1.7 U	1.7 U	1.7 U		1.7 U	1.7 U	6.7 U	3.3 U	6.7 U
B180	09/15/2010	NA	.5U	.5U	.5U	1.8	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/13/2011	.5U	.5U	.5U	1U	.3J	1UJ	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/06/2011	.5U	.5U	.5U	1U	.4J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/06/2011	.5U	.5U	.5U	1U	.4J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/04/12	0.5 U	0.5 U	0.5 U	1 U	0.1 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B185	09/02/2010	NA	4.3	1.2	.5U	1.3	.5U	1	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/15/2011	.7U	3.5	1	1.4U	.8	1.4U	1	.7U	.7U	.7U	NA	.7U	.7U	2.9U	1.4U	2.9U
	04/15/2011	.5U	4.7	1.1	1U	1.2	1U	1.5	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/03/2011	.5U	5.6	1.6	1U	1.4	1U	1.4	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
B185	10/03/2011	.7U	4.1	1.1	1.4U	1	1.4U	1.3	.7U	.7U	.7U	NA	.7U	.7U	2.9U	1.4U	2.9U
	04/02/12	0.5 U	4.8	1.2	1 U	0.9	1 U	1.1	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 UJ	2 U
B194	09/09/2010	NA	.5U	.5U	.5UJ	.5U	.5UJ	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/13/2011	.5U	.5U	.5U	1U	.5U	1UJ	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U

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VOCs (ug/L)

Location ID	Sample Date	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOCHLOROMETHANE	DIBROMOMETHANE	DICHLORODIFLOROETHANE	ETHYL TERT-BUTYL ETHER (ETBE)	ETHYLBENZENE	FREON 113	FREON 12	HEXACHLOROBUTADIENE
B194	10/04/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/04/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B195	09/09/2010	NA	.5U	.5U	.5UJ	.5U	.5UJ	3.7	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/13/2011	.5U	.5U	.5U	1U	.5U	1U	1.4	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2UJ
	04/13/2011	.7U	.7U	.7U	1.4U	.7U	1.4UJ	1	.7U	.7U	.7U	NA	.7U	.7U	2.9U	1.4U	2.9U
	10/04/2011	1.3UJ	1.3U	.9J	2.5U	1.3U	2.5UJ	4.1	1.3U	1.3U	1.3U	NA	1.3U	1.3U	5U	2.5U	5U
	04/03/12	1 U	1 U	0.9 J	2 U	1 U	2 U	1.7	1 U	1 U	1 U		1 U	1 U	4 U	2 U	4 U
B197	09/09/2010	NA	.5U	.5U	.5U	.5U	.5U	2.8	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	09/09/2010	NA	.5U	.5U	.5U	.5U	.5U	2.9	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/13/2011	1.7U	1.7U	1.7U	3.3U	1.7U	3.3UJ	2.2	1.7U	1.7U	1.7U	NA	1.7U	1.7U	6.7U	3.3U	6.7U
	10/04/2011	1.7U	1.7U	1.7U	3.3U	1.7U	3.3U	3.6	1.7U	1.7U	1.7U	NA	1.7U	1.7U	6.7U	3.3U	6.7U
	04/03/12	1 U	1 U	1 U	2 U	1 U	2 U	2.3	1 U	1 U	1 U		1 U	1 U	4 U	2 U	4 U
	04/03/12	1 U	1 U	1 U	2 U	1 U	2 U	2.5	1 U	1 U	1 U		1 U	1 U	4 U	2 U	4 U
B277	09/15/2010	NA	.5	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/18/2011	.5U	1	.5U	1U	.3J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/05/2011	.5U	.8	.5U	1U	.3J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1UJ	2U
	04/03/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B278	09/16/2010	NA	.5U	.5U	.5U	1.7	.5UJ	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/19/2011	.5U	.3J	.5U	1U	2.1	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/05/2011	.5U	.1J	.5U	1U	.9	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1UJ	2U
	04/05/12	0.5 U	0.2 J	0.5 U	1 U	1	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B280A	09/16/2010	NA	.9	.5U	.5U	.5U	.5UJ	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/14/2011	.5U	1.1	.5U	1U	.2J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
B280A	10/06/2011	.5U	1.4	.5U	1U	.1J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/03/12	0.5 U	0.9	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B280B	10/01/2010	NA	.5U	.5U	.5U	.5	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/14/2011	.5U	.5U	.5U	1U	.1J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/06/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U

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B280B	04/03/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B300	09/09/2010	NA	.5U	.5U	.5UJ	.5U	.5UJ	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/15/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/06/2011	.5U	.5U	.5U	1U	.5U	5.1	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/09/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B38	09/15/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/19/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/19/2011	.5U	.5U	.5U	1U	.1J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/06/2011	.5U	.5U	.5U	1U	.5U	3.1	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/04/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B450	04/19/2011	.5U	.5U	.5U	1U	.2J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/10/2011	.5U	.5U	.5U	1U	.2J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/06/12	0.5 U	0.5 U	0.5 U	1 U	0.5 UJ	1 U	0.3 J	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 UJ	2 U
B460	09/15/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/07/2011	.5U	.5U	.5U	1U	.5U	1UJ	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/06/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 UJ	2 U
B473	09/24/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/07/2011	.5U	.5U	.5U	1U	.5U	1UJ	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/06/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 UJ	2 U
B474	09/23/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
B474	04/20/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/07/2011	.5U	.5U	.5U	1U	.5U	1UJ	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/09/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B480	09/24/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/19/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/07/2011	.5U	.5U	.5U	1U	.9	1UJ	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U

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B480	04/09/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
B490	09/16/2010	NA	.5U	.5U	.5U	.5U	.5UJ	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/10/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/09/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
BULB1	10/19/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/12/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	09/30/2011	.6	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/05/12	0.4 J	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
BULB2	10/19/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/12/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	09/30/2011	.5U	.5U	.5U	1U	.5U	1U	.4J	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/05/12	0.5 U	0.5 U	0.3 J	1 U	0.5 U	1 U	0.3 J	0.5 U	0.5 U	0.5 U		0.5 U	0.1 J	2 U	1 U	2 U
CCC1	09/08/2010	NA	.5U	.5U	.5UJ	1.2	.5UJ	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/14/2011	.5U	.5U	.5U	1U	.4J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/05/2011	.5U	.5U	.5U	1U	.2J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1UJ	2U
	04/10/12	0.5 U	0.5 U	0.5 U	1 U	0.1 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
CCC2	09/08/2010	NA	.5U	.5U	.5UJ	.5U	.5UJ	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/14/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/04/2011	.5U	.5U	.5U	1U	.1J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/10/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
CCC3	09/03/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	09/03/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/12/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/04/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/04/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/10/12	0.5 J	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
CCCT	09/03/2010	NA	.5U	.5U	.5U	.5U	.5U	1	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater Sampling,
University of California, Berkeley, Richmond Field Station, Richmond, California

VOCs (ug/L)

Location ID	Sample Date	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOCHLOROMETHANE	DIBROMOMETHANE	DICHLORODIFLOROETHANE	ETHYL TERT-BUTYL ETHER (ETBE)	ETHYLBENZENE	FREON 113	FREON 12	HEXACHLOROBUTADIENE
CCCT	04/18/2011	.5U	.5U	.5U	1U	.5U	1U	1.1	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/03/2011	.5U	.5U	.5U	1U	.5U	1U	1.3	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/04/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	1.4	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
CTP	09/30/2010	NA	19	.5U	.5U	8.6	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	09/30/2010	NA	20	.5U	.5U	8.7	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/14/2011	.5U	16	.5U	1U	5.5	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/06/2011	.5U	25	.5U	1U	7.6	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/03/12	0.5 U	14	0.5 U	1 U	6.6	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
CTPS	09/30/2010	NA	.5U	.5U	.5U	6.1	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/19/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/07/2011	.5U	.5U	.5U	1U	.5U	1UJ	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/05/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
DH	09/30/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/14/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/05/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1UJ	2U
	04/05/12	24	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
EERC	10/01/2010	NA	.5U	.5U	.5U	.5U	.5UJ	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
EERC	10/07/2011	.5U	.5U	.5U	1U	.5U	1UJ	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/06/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 UJ	2 U
EPA	09/16/2010	NA	1.8	.5U	.5U	2.3	.5UJ	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/19/2011	.5U	.5U	.5U	1U	.2J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/06/2011	.5U	.5U	.1J	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/06/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 UJ	2 U
	04/06/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 UJ	2 U
ETA	09/24/2010	NA	.5U	.5U	.5U	.5U	.5U	.9	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	09/24/2010	NA	.5U	.5U	.5U	.5U	.5U	.9	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/12/2011	.5U	.5U	.5U	1U	.5U	1U	.7	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

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VOCs (ug/L)

Location ID	Sample Date	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOCHLOROMETHANE	DIBROMOMETHANE	DICHLORODIFLOROETHANE	ETHYL TERT-BUTYL ETHER (ETBE)	ETHYLBENZENE	FREON 113	FREON 12	HEXACHLOROBUTADIENE
ETA	09/30/2011	.5U	.5U	.5U	1U	.5U	1U	1.7	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/10/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	2.1	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
	04/10/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	2	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
FG	09/23/2010	NA	.5U	.5U	.5U	.5	.5U	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/19/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/19/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/10/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/09/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
GEO	09/03/2010	NA	1.1	.5U	.5U	1	.5U	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/20/2011	.5U	1.2	.5U	1U	.7	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/06/2011	.5U	1	.5U	1U	.5	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/06/12	0.5 U	0.9	0.5 U	1 U	0.8 UJ	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 UJ	2 U
MFA	09/24/2010	NA	.5U	.5U	.5U	.5U	.5U	.9	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	10/03/2011	.5U	.5U	.5U	1U	.5U	1U	1.7	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/05/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	1	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
NFA	04/12/2011	.5U	.5U	.5U	1U	.5U	1U	.5	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
NRLF	09/16/2010	NA	.5U	.5U	.5U	.5U	.5UJ	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
NRLF	10/06/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/09/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
PZ11	10/01/2010	NA	.5U	.5U	.5U	.5U	.5U	20	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/10/2011	3.1U	3.1U	3.1U	6.3U	3.1U	6.3U	87	3.1U	3.1U	3.1U	NA	3.1U	3.1U	13U	6.3U	13U
	04/05/12	0.5 U	0.5 U	0.5 U	1 U	0.3 J	1 U	0.3 J	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
PZ8	10/15/2010	NA	.5U	.5U	.5U	.5	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/18/2011	.5U	.5U	.5U	1U	.4J	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/04/2011	.5U	.5U	.5U	1U	.9	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/03/12	0.5 U	0.5 U	0.5 U	1 U	1.4	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U

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VOCs (ug/L)

Location ID	Sample Date	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOCHLOROMETHANE	DIBROMOMETHANE	DICHLORODIFLOROETHANE	ETHYL TERT-BUTYL ETHER (ETBE)	ETHYLBENZENE	FREON 113	FREON 12	HEXACHLOROBUTADIENE
PZ9	09/24/2010	NA	.5U	.5U	.5U	.5U	.5U	.4J	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	1U	.5U	1U	.3J	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/07/2011	.5U	.5U	.5U	1U	.5U	1UJ	.6	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/07/2011	.5U	.5U	.5U	1U	.5U	1UJ	.7	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/06/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	1.2	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 UJ	2 U
RWF	09/15/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/18/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/06/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/04/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
TP1	09/29/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/18/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/07/2011	.5U	.5U	.5U	1U	.5U	1UJ	.2J	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/05/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
TP2	09/29/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5UJ	NA	.5U	.5U	NA	.5U
	04/18/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/07/2011	.5U	.5U	.5U	1U	.5U	1UJ	.2J	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/09/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
	04/09/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U
WTA	09/30/2010	NA	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	.5U	.5U	NA	.5U
	04/14/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	04/14/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1U	2U
	10/05/2011	.5U	.5U	.5U	1U	.5U	1U	.5U	.5U	.5U	.5U	NA	.5U	.5U	2U	1UJ	2U
	04/05/12	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2 U	1 U	2 U

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Technical Memorandum: Sampling Results for Phase I Groundwater

University of California, Berkeley, Richmond Field Station, Richmond,

VOCs (ug/L)

Location ID	Sample Date	ISOPROPYL ETHER (DIPE)	ISOPROPYLBENZENE	M,P-XYLENES	MTBE	METHYLENE CHLORIDE	N-BUTYLBENZENE	PROPYLBENZENE	NAPHTHALENE	O-XYLENE	PARA-ISOPROPYL TOLUENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYL ALCOHOL (TBA)	METHYL TERT-AMYL ETHER (TAME)	TERT-BUTYLBENZENE	TETRACHLOROETHENE
B120	09/09/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.4J
	04/15/2011	1.3U	1.3U	1.3U	1.3U	25U	1.3U	1.3U	5U	1.3U	1.3U	1.3U	1.3U	25U	1.3U	1.3U	1.3U
	10/04/2011	2U	2U	2U	2U	40U	2U	2U	8U	2U	2U	2U	2U	40U	2U	2U	.4J
	04/03/12	1.3 U	1.3 U	1.3 U	1.3 U	25 U	1.3 U	1.3 U	5 U	1.3 U	1.3 U	1.3 U	1.3 U	25 U	1.3 U	1.3 U	0.7 J
B121	09/08/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.3J
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.4J
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.3J
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.3 J
B128	09/23/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.3J
	09/23/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.6
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/02/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B150	09/08/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.1J
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.3 J
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.3 J
B158	09/08/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/15/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B163	09/02/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	8.4
	04/12/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	9.5
	10/03/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	12
	04/02/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	11
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 UJ	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2.7

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater

University of California, Berkeley, Richmond Field Station, Richmond,

VOCs (ug/L)

Location ID	Sample Date	ISOPROPYL ETHER (DIPE)	ISOPROPYLBENZENE	M,P-XYLENES	MTBE	METHYLENE CHLORIDE	N-BUTYLBENZENE	PROPYLBENZENE	NAPHTHALENE	O-XYLENE	PARA-ISOPROPYL TOLUENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYL ALCOHOL (TBA)	METHYL TERT-AMYL ETHER (TAME)	TERT-BUTYLBENZENE	TETRACHLOROETHENE
B175S	09/03/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.2J
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.1J
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B175W	09/08/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	1.4
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	1.7
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	1.6
B177	09/23/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B178	09/02/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.2J
	04/15/2011	1.3U	1.3U	1.3U	1.3U	25U	1.3U	1.3U	5U	1.3U	1.3U	1.3U	1.3U	25U	1.3U	1.3U	.3J
	10/04/2011	1.3U	1.3U	1.3U	1.3U	25U	1.3U	1.3U	5U	1.3U	1.3U	1.3U	1.3U	25U	1.3U	1.3U	.3J
	04/03/12	1.7 U	1.7 U	1.7 U	1.7 U	33 U	1.7 U	1.7 U	6.7 U	1.7 U	1.7 U	1.7 U	1.7 U	33 U	1.7 U	1.7 U	1.7 U
B180	09/15/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	10UJ	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	10UJ	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B185	09/02/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.4J
	04/15/2011	.7U	.7U	.7U	.2J	14U	.7U	.7U	2.9U	.7U	.7U	.7U	.7U	14U	.7U	.7U	.3J
	04/15/2011	.5U	.5U	.5U	.3J	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.3J
	10/03/2011	.5U	.5U	.5U	.2J	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.4J
B185	10/03/2011	.7U	.7U	.7U	.2J	14U	.7U	.7U	2.9U	.7U	.7U	.7U	.7U	14U	.7U	.7U	.4J
	04/02/12	0.5 U	0.5 U	0.5 U	0.2 J	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.4 J
B194	09/09/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/13/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U

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Technical Memorandum: Sampling Results for Phase I Groundwater

University of California, Berkeley, Richmond Field Station, Richmond,

VOCs (ug/L)

Location ID	Sample Date	ISOPROPYL ETHER (DIPE)	ISOPROPYLBENZENE	M,P-XYLENES	MTBE	METHYLENE CHLORIDE	N-BUTYLBENZENE	PROPYLBENZENE	NAPHTHALENE	O-XYLENE	PARA-ISOPROPYL TOLUENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYL ALCOHOL (TBA)	METHYL TERT-AMYL ETHER (TAME)	TERT-BUTYLBENZENE	TETRACHLOROETHENE
B194	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B195	09/09/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	3.1
	04/13/2011	.5U	.5U	.5U	.5U	10UJ	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	2.2
	04/13/2011	.7U	.7U	.7U	.7U	14U	.7U	.7U	2.9U	.7U	.7U	.7U	.7U	14U	.7U	.7U	1.7
	10/04/2011	1.3U	1.3U	.4J	1.3U	25U	1.3U	1.3U	5U	1.3U	1.3U	1.3U	1.3U	25U	1.3U	1.3U	3
	04/03/12	1 U	1 U	1 U	1 U	20 U	1 U	1 U	4 U	1 U	1 U	1 U	1 U	20 U	1 U	1 U	2.8
B197	09/09/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	1
	09/09/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	1
	04/13/2011	1.7U	1.7U	1.7U	1.7U	33U	1.7U	1.7U	6.7U	1.7U	1.7U	1.7U	1.7U	33U	1.7U	1.7U	1.7U
	10/04/2011	1.7U	1.7U	1.7U	1.7U	33U	1.7U	1.7U	6.7U	1.7U	1.7U	1.7U	1.7U	33U	1.7U	1.7U	1.1J
	04/03/12	1 U	1 U	1 U	1 U	20 U	1 U	1 U	4 U	1 U	1 U	1 U	1 U	20 U	1 U	1 U	1.1
	04/03/12	1 U	1 U	1 U	1 U	20 U	1 U	1 U	4 U	1 U	1 U	1 U	1 U	20 U	1 U	1 U	0.9 J
B277	09/15/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B278	09/16/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.1J
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.1 J
B280A	09/16/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
B280A	10/06/2011	.5U	.5U	.5U	.5U	10UJ	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B280B	10/01/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	10UJ	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U

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VOCs (ug/L)

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B280B	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B300	09/09/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/15/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.2J	.5U	.5U	10U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	1.6J	.5U	3.5	.5U	.5U	10U	.5U	.1J	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.2 J	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B38	09/15/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.2J	.5U	.5U	10U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B450	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.2J
	10/10/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.1J
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.4 J
B460	09/15/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B473	09/24/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.1J
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.2 J
B474	09/23/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
B474	04/20/2011	.5U	.5U	.5U	.5U	10UJ	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
B480	09/24/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.1J
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.2J

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University of California, Berkeley, Richmond Field Station, Richmond,

VOCs (ug/L)

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B480	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.2 J
B490	09/16/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/10/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
BULB1	10/19/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	09/30/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 UJ	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
BULB2	10/19/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.2J	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.9	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	09/30/2011	.5U	.5U	.5U	.9	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/05/12	0.5 U	0.3 J	0.2 J	0.6	10 U	0.5 U	0.5 U	2 UJ	0.3 J	0.5 U	0.1 J	0.5 U	10 U	0.5 U	0.5 U	0.5 U
CCC1	09/08/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
CCC2	09/08/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	2.6
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.2J
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	2.1
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	1.1
CCC3	09/03/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	09/03/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
CCCT	09/03/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater

University of California, Berkeley, Richmond Field Station, Richmond,

VOCs (ug/L)

Location ID	Sample Date	ISOPROPYL ETHER (DIPE)	ISOPROPYLBENZENE	M,P-XYLENES	MTBE	METHYLENE CHLORIDE	N-BUTYLBENZENE	PROPYLBENZENE	NAPHTHALENE	O-XYLENE	PARA-ISOPROPYL TOLUENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYL ALCOHOL (TBA)	METHYL TERT-AMYL ETHER (TAME)	TERT-BUTYLBENZENE	TETRACHLOROETHENE
CCCT	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/03/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
CTP	09/30/2010	NA	.5U	1U	2U	.4J	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	09/30/2010	NA	.5U	1U	2U	.3J	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	10UJ	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
CTPS	09/30/2010	NA	.5U	1U	2U	.5J	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
DH	09/30/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 UJ	0.5 U	0.5 U	2 U	0.5 U	0.1 J	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
EERC	10/01/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.3J
	04/20/2011	.5U	.5U	.5U	.5U	10UJ	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
EERC	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
EPA	09/16/2010	NA	.5U	1U	2U	.6	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
ETA	09/24/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	09/24/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/12/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater

University of California, Berkeley, Richmond Field Station, Richmond,

VOCs (ug/L)

Location ID	Sample Date	ISOPROPYL ETHER (DIPE)	ISOPROPYLBENZENE	M,P-XYLENES	MTBE	METHYLENE CHLORIDE	N-BUTYLBENZENE	PROPYLBENZENE	NAPHTHALENE	O-XYLENE	PARA-ISOPROPYL TOLUENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYL ALCOHOL (TBA)	METHYL TERT-AMYL ETHER (TAME)	TERT-BUTYLBENZENE	TETRACHLOROETHENE
ETA	09/30/2011	.5U	.5U	.5U	.1J	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.3J
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
FG	09/23/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/19/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/10/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GEO	09/03/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	10UJ	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
MFA	09/24/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	10/03/2011	.5U	.5U	.5U	.1J	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 UJ	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
NFA	04/12/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
NRLF	09/16/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
NRLF	10/06/2011	.5U	.5U	.5U	.5U	10UJ	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
PZ11	10/01/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	67
	04/20/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	1.2
	10/10/2011	3.1U	3.1U	3.1U	3.1U	63U	3.1U	3.1U	13U	3.1U	3.1U	3.1U	3.1U	63U	3.1U	3.1U	53
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.9
PZ8	10/15/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5UJ	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater

University of California, Berkeley, Richmond Field Station, Richmond,

VOCs (ug/L)

Location ID	Sample Date	ISOPROPYL ETHER (DIPE)	ISOPROPYLBENZENE	M,P-XYLENES	MTBE	METHYLENE CHLORIDE	N-BUTYLBENZENE	PROPYLBENZENE	NAPHTHALENE	O-XYLENE	PARA-ISOPROPYL TOLUENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYL ALCOHOL (TBA)	METHYL TERT-AMYL ETHER (TAME)	TERT-BUTYLBENZENE	TETRACHLOROETHENE
PZ9	09/24/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/20/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.2J
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.3J
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.4J
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.6
RWF	09/15/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	10UJ	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.1 J
TP1	09/29/2010	NA	.5U	1U	2UJ	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.5U
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.5U
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.1J
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
TP2	09/29/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	.2J
	04/18/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.3J
	10/07/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	.3J
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.3 J
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.2 J
WTA	09/30/2010	NA	.5U	1U	2U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	.5U	NA	NA	.5U	3.2
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	3.8
	04/14/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	4.1
	10/05/2011	.5U	.5U	.5U	.5U	10U	.5U	.5U	2U	.5U	.5U	.5U	.5U	10U	.5U	.5U	3.2
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	1.3

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I

University of California, Berkeley, Richmond Field Station,

VOCs (ug/L)

Location ID	Sample Date	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE
B120	09/09/2010	.5U	.5U	.5U	210	.5U	NA	.5U
	04/15/2011	1.3U	1.3U	1.3U	170	2.5U	25U	1.3U
	10/04/2011	2U	.4J	2U	180	4U	40U	2U
	04/03/12	1.3 U	1.3 U	1.3 U	190	2.5 U	25 U	1.3 U
B121	09/08/2010	.5U	.5U	.5U	.8	.5U	NA	.5UJ
	04/13/2011	.5U	.5U	.5U	1.1	1U	10U	.5U
	10/04/2011	.5U	.5U	.5U	1.8	1U	10U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	2	1 U	10 U	0.5 U
B128	09/23/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
	09/23/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
	04/18/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/02/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 UJ	0.5 U
B150	09/08/2010	.5U	.5U	.5U	.5U	.5U	NA	.5UJ
	04/13/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	10/05/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
B158	09/08/2010	.5U	.5U	.5U	.5U	.5U	NA	.5UJ
	04/15/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
B163	09/02/2010	.5U	.3J	.5U	100	.5U	NA	.7
	04/12/2011	.5U	.4J	.5U	77J	1U	10UJ	1.2
	10/03/2011	.5U	.4J	.5U	70	1U	10U	.8
	04/02/12	0.5 U	0.4 J	0.5 U	78	1 U	10 UJ	0.9
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 UJ	0.5 U

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Location ID	Sample Date	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE
B175S	09/03/2010	.5U	.5U	.5U	7.9	.5U	NA	.5U
	04/13/2011	.5U	.5U	.5U	5.3	1U	10U	.5U
	10/04/2011	.5U	.5U	.5U	8.6	1U	10U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	2.6	1 U	10 U	0.5 U
B175W	09/08/2010	.5U	.5U	.5U	.5U	.5U	NA	.5UJ
	04/13/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/04/2011	.5U	.5U	.5U	.1J	1U	10U	.5U
B177	09/23/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
	04/18/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
B178	09/02/2010	.5U	.4J	.5U	360	.5U	NA	.5U
	04/15/2011	1.3U	1.3U	1.3U	160	2.5U	25U	1.3U
	10/04/2011	1.3U	.5J	1.3U	170	2.5U	25U	1.3U
	04/03/12	1.7 U	1.7 U	1.7 U	170	3.3 U	33 U	1.7 U
B180	09/15/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
	04/13/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
B185	09/02/2010	.5U	.5U	.5U	150	.5U	NA	.2J
	04/15/2011	.7U	.7U	.7U	77	1.4U	14UJ	.2J
	04/15/2011	.5U	.2J	.5U	93	1U	10U	.1J
	10/03/2011	.5U	.2J	.5U	94	1U	10U	.3J
B185	10/03/2011	.7U	.2J	.7U	77	1.4U	14U	.7U
	04/02/12	0.5 U	0.5 U	0.5 U	95	1 U	10 UJ	0.2 J
B194	09/09/2010	.5U	.5U	.5U	2	.5U	NA	.5UJ
	04/13/2011	.5U	.5U	.5U	.5U	1U	10U	.5U

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B194	10/04/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
B195	09/09/2010	.5U	.4J	.5U	140	.5U	NA	.5UJ
	04/13/2011	.5U	.2J	.5U	68	1U	10UJ	.5U
	04/13/2011	.7U	.7U	.7U	65	1.4U	14U	.7U
	10/04/2011	1.1J	.5J	1.3U	170J	2.5U	25U	1.3U
	04/03/12	1 U	0.3 J	1 U	120	2 U	20 U	1 U
B197	09/09/2010	.5U	.4J	.5U	200	.5U	NA	.5U
	09/09/2010	.5U	.4J	.5U	170	.5U	NA	.5U
	04/13/2011	1.7U	1.7U	1.7U	150	3.3U	33U	1.7U
	10/04/2011	1.7U	.4J	1.7U	170	3.3U	33U	1.7U
	04/03/12	1 U	0.3 J	1 U	160	2 U	20 U	1 U
	04/03/12	1 U	0.3 J	1 U	170	2 U	20 U	1 U
B277	09/15/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
	04/18/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
B278	09/16/2010	.5U	.5U	.5U	13J	.5U	NA	.5U
	04/19/2011	.5U	.5U	.5U	15	1U	10UJ	.5U
	10/05/2011	.5U	.5U	.5U	11	1U	10UJ	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	11	1 U	10 U	0.5 U
B280A	09/16/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
	04/14/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
B280A	10/06/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
B280B	10/01/2010	.5U	.5U	.5UJ	1.8	.5U	NA	.5U
	04/14/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/06/2011	.5U	.5U	.5U	.5U	1U	10U	.5U

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B280B	04/03/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
B300	09/09/2010	.5U	.5U	.5U	.7	.5U	NA	.5UJ
	04/15/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/06/2011	.4J	.5U	.5U	.5U	1U	10U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
B38	09/15/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
	04/19/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	04/19/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	10/06/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
B450	04/19/2011	.5U	.5U	.5U	5	1U	10UJ	.5U
	10/10/2011	.5U	.5U	.5U	6.7	1U	10U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	26	1 U	10 U	0.5 U
B460	09/15/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	10/07/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
B473	09/24/2010	.5U	.5U	.5U	12	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	3.4	1U	10UJ	.5U
	10/07/2011	.5U	.5U	.5U	6.1	1U	10U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	6	1 U	10 U	0.5 U
B474	09/23/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
B474	04/20/2011	.5U	.5U	.5U	.4J	1U	10UJ	.5U
	10/07/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
B480	09/24/2010	.5U	.5U	.5U	10	.5U	NA	.5U
	04/19/2011	.5U	.5U	.5U	9.1	1U	10UJ	.5U
	10/07/2011	.5U	.5U	.5U	13	1U	10U	.5U

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B480	04/09/12	0.5 U	0.5 U	0.5 U	14	1 U	10 U	0.5 U
B490	09/16/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	10/10/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
BULB1	10/19/2010	3.4	.5U	.5U	.5U	.5U	NA	.5U
	04/12/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	09/30/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
BULB2	10/19/2010	6.8	.5U	.5U	.5U	.5U	NA	.5U
	04/12/2011	.5U	.5U	.5U	.4J	1U	10UJ	.5U
	09/30/2011	.5U	.5U	.5U	1	1U	10U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.3 J	1 U	10 U	0.5 U
CCC1	09/08/2010	.5U	.5U	.5U	.5U	.5U	NA	.5UJ
	04/14/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
CCC2	09/08/2010	.5U	.5U	.5U	.5U	.5U	NA	.5UJ
	04/14/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/10/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
CCC3	09/03/2010	.5U	.5U	.5U	6	.5U	NA	.5U
	09/03/2010	.5U	.5U	.5U	6.2	.5U	NA	.5U
	04/12/2011	.5U	.5U	.5U	.7	1U	10UJ	.5U
	10/04/2011	.5U	.5U	.5U	1.9	1U	10U	.5U
	10/04/2011	.5U	.5U	.5U	1.9	1U	10U	.5U
	04/10/12	0.5 U	0.5 U	0.5 U	1.3	1 U	10 U	0.5 U
CCCT	09/03/2010	.5U	.5U	.5U	120	.5U	NA	.5U

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CCCT	04/18/2011	.5U	.5U	.5U	84	1U	10U	.5U
	10/03/2011	.5U	.1J	.5U	79	1U	10U	.5U
	04/04/12	0.5 U	0.1 J	0.5 U	85	1 U	10 U	0.5 U
CTP	09/30/2010	.5U	.5U	.5UJ	.5U	.5U	NA	.5U
	09/30/2010	.5U	.5U	.5UJ	.5U	.5U	NA	.5U
	04/14/2011	.5U	.5U	.5U	.2J	1U	10U	.5U
	10/06/2011	.5U	.5U	.5U	.3J	1U	10U	.5U
	04/03/12	0.5 U	0.5 U	0.5 U	0.3 J	1 U	10 U	0.5 U
CTPS	09/30/2010	.5U	.5U	.5UJ	.5U	.5U	NA	.5U
	04/19/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	10/07/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
DH	09/30/2010	.5U	.5U	.5UJ	.5U	.5U	NA	.5U
	04/14/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/05/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
EERC	10/01/2010	.5U	.5U	.5U	6.8	.5U	NA	.5UJ
	04/20/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
EERC	10/07/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
EPA	09/16/2010	.5U	.5U	.5U	.6	.5U	NA	.5U
	04/19/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	10/06/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
ETA	09/24/2010	.5U	.5U	.5U	12	.5U	NA	.5U
	09/24/2010	.5U	.5U	.5U	14	.5U	NA	.5U
	04/12/2011	.5U	.5U	.5U	7.3	1U	10UJ	.5U

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ETA	09/30/2011	.5U	.3J	.5U	17	1U	10U	.5U
	04/10/12	0.5 U	1	0.5 U	9.2	1 U	10 U	0.5 U
	04/10/12	0.5 U	0.9	0.5 U	9.3	1 U	10 U	0.5 U
FG	09/23/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
	04/19/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	04/19/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	10/10/2011	.5U	.5U	.5U	.2J	1U	10U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
GEO	09/03/2010	.5U	.5U	.5U	.4J	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
	10/06/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
MFA	09/24/2010	.5U	.5U	.5U	5.7	.5U	NA	.5U
	10/03/2011	.5U	.5U	.5U	8.2	1U	10U	.2J
	04/05/12	0.5 U	0.5 U	0.5 U	5.4	1 U	10 U	0.5 U
NFA	04/12/2011	.5U	.5U	.5U	3.1	1U	10UJ	.5U
NRLF	09/16/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	.5U	1U	10UJ	.5U
NRLF	10/06/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	0.5 U	1 U	10 U	0.5 U
PZ11	10/01/2010	.5U	2.4	.5UJ	690	.5U	NA	.6
	04/20/2011	.5U	.5U	.5U	8.1	1U	10UJ	.5U
	10/10/2011	3.1U	9.6	3.1U	490	6.3U	63U	3.1U
	04/05/12	0.5 U	0.5 U	0.5 U	9.7	1 U	10 U	0.5 U
PZ8	10/15/2010	.5U	.5U	.5U	.5U	.5U	NA	.5U
	04/18/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	10/04/2011	.5U	.5U	.5U	.5U	1U	10U	.5U
	04/03/12	0.5 U	0.5 U	0.5 U	0.1 J	1 U	10 U	0.5 U

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PZ9	09/24/2010	.5U	.5U	.5U	16	.5U	NA	.5U
	04/20/2011	.5U	.5U	.5U	11	1U	10UJ	.5U
	10/07/2011	.5U	.5U	.5U	28	1U	10U	.5U
	10/07/2011	.5U	.5U	.5U	27	1U	10U	.5U
	04/06/12	0.5 U	0.5 U	0.5 U	65 J	1 U	10 UJ	0.5 U
RWF	09/15/2010	.5U	.5U	.5U	4.4	.5U	NA	.5U
	04/18/2011	.5U	.5U	.5U	2.8	1U	10U	.5U
	10/06/2011	.5U	.5U	.5U	5	1U	10U	.5U
	04/04/12	0.5 U	0.5 U	0.5 U	2.8	1 U	10 U	0.5 U
TP1	09/29/2010	.5U	.5UJ	.5U	13	.5U	NA	.5U
	04/18/2011	.5U	.5U	.5U	1.8	1U	10U	.5U
	10/07/2011	.5U	.5U	.5U	8.5	1U	10U	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	3.8	1 U	10 U	0.5 U
TP2	09/29/2010	.5U	.5U	.5U	15	.5U	NA	.5U
	04/18/2011	.5U	.5U	.5U	12	1U	10U	.5U
	10/07/2011	.5U	.5U	.5U	14	1U	10U	.5U
	04/09/12	0.5 U	0.5 U	0.5 U	13	1 U	10 U	0.5 U
	04/09/12	0.5 U	0.5 U	0.5 U	12	1 U	10 U	0.5 U
WTA	09/30/2010	.5U	.5U	.5UJ	.4J	.5U	NA	.5U
	04/14/2011	.5U	.5U	.5U	.4J	1U	10U	.5U
	04/14/2011	.5U	.5U	.5U	.4J	1U	10U	.5U
	10/05/2011	.5U	.5U	.5U	.5J	1U	10UJ	.5U
	04/05/12	0.5 U	0.5 U	0.5 U	0.2 J	1 U	10 U	0.5 U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Memorandum: Sampling Results for Phase I Groundwater Sampling, Field Sampling Workplan
University of California, Berkeley, Richmond Field Station, Richmond, California

		PCB (ug/L)								MISC (ug/L)	
Location ID	Sample Date	AROCLOR_1016	AROCLOR_1221	AROCLOR_1232	AROCLOR_1242	AROCLOR_1248	AROCLOR_1254	AROCLOR_1260	AROCLOR_1262	PERCHLORATE	HARDNESS
B120	09/09/2010	.19U	.38U	.19U	.19U	.09J	.19U	.19U	.19U	2U	1000
B121	09/08/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	280
B128	09/23/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	360
B128	09/23/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	320
B150	09/08/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	150
B158	09/08/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	21
B163	09/02/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	1500
B175S	09/03/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	310
B175W	09/08/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	92
B177	09/23/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	71
B178	09/02/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	1.9J	990
B180	09/15/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	35
B185	09/02/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	3.1	920
B194	09/09/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	300
B195	09/09/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	830
B197	09/09/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	830
B197	09/09/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	830
B277	09/15/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	230
B278	09/16/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	1300
B280	09/16/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	290
B280B	10/01/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	230
B300	09/09/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	720
B38	09/15/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	170
B460	09/15/2010	.2UJ	.4UJ	.2UJ	.2UJ	.2UJ	.2UJ	.2UJ	.2UJ	2U	150
B473	09/24/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	170
B474	09/23/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	160

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

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		PCB (ug/L)								MISC (ug/L)	
Location ID	Sample Date	AROCLOR_1016	AROCLOR_1221	AROCLOR_1232	AROCLOR_1242	AROCLOR_1248	AROCLOR_1254	AROCLOR_1260	AROCLOR_1262	PERCHLORATE	HARDNESS
B480	09/24/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	320
B490	09/16/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	350
BULB1	10/19/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	40U	4400
BULB2	10/19/2010	.19UJ	.38UJ	.19UJ	.19UJ	.19UJ	.19UJ	.19UJ	.19UJ	10U	1100
CCC1	09/08/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	140
CCC2	09/08/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	250
CCC3	09/03/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	360
CCC3	09/03/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	350
CCCT	09/03/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	1.6J	590
CTP	09/30/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	240
CTP	09/30/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	240
CTPS	10/18/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DH	09/30/2010	.2UJ	.4UJ	.2UJ	.2UJ	.2UJ	.2UJ	.2UJ	.2UJ	4U	2700
EERC	10/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	4U	NA
EPA	09/16/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	380
ETA	09/24/2010	.2UJ	.4UJ	.2UJ	.2UJ	.2UJ	.2UJ	.2UJ	.2UJ	2U	630
ETA	09/24/2010	.2UJ	.4UJ	.2UJ	.2UJ	.2UJ	.2UJ	.2UJ	.2UJ	2U	620
FG	09/23/2010	.2UJ	.4UJ	.2UJ	.2UJ	.2UJ	.2UJ	.2UJ	.2UJ	2U	820
GEO	09/03/2010	.19U	.38U	.19U	.19U	.19U	.19U	.19U	.19U	2U	270
MFA	09/24/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	440
NRLF	09/16/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	230
PZ11	10/01/2010	.19UJ	.38UJ	.19UJ	.19UJ	.19UJ	.19UJ	.19UJ	.19UJ	2U	1400
PZ8	10/15/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2UJ	270
PZ9	09/24/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	240
RWF	09/15/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	430
TP1	09/29/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	410
TP2	09/29/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	510
WTA	09/30/2010	.2U	.4U	.2U	.2U	.2U	.2U	.2U	.2U	2U	550

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PESICIDES (ug/L)

Location ID	Sample Date	4,4'-DDE	GAMMA-BHC (Lindane)	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	CLORDANE	DELTA-BHC	DIELDRIN	ENDOSULFAN SULFATE	ENDRIN	ENDOSULFAN I	ENDRIN ALDEHYDE
B120	09/09/2010	.09U	.05U	.09U	.05UJ	.05U	.05U	.05U	4.7U	.05U	.09U	.09U	.09U	.05U	.09U
B121	09/08/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	4.8U	.05U	.1U	.1U	.1U	.05U	.1U
B128	09/23/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B128	09/23/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B150	09/08/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	4.8U	.05U	.1U	.1U	.1U	.05U	.1U
B158	09/08/2010	.09U	.05U	.09U	.05U	.05U	.05U	.05U	4.7U	.05U	.09U	.09U	.09U	.05U	.09U
B163	09/02/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B175S	09/03/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	4.8U	.05U	.1U	.1U	.1U	.05U	.1U
B175W	09/08/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	4.8U	.05U	.1U	.1U	.1U	.05U	.1U
B177	09/23/2010	.09U	.05U	.09U	.05U	.05U	.05U	.05U	4.7U	.05U	.09U	.09U	.09U	.05U	.09U
B178	09/02/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B180	09/15/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B185	09/02/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B194	09/09/2010	.09U	.05U	.09U	.05UJ	.05U	.05U	.05U	NA	.05U	.09U	.09U	.09U	.05U	.09U
B195	09/09/2010	.1U	.05U	.1U	.05UJ	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B197	09/09/2010	.1U	.05U	.1U	.05UJ	.05U	.05U	.05U	4.8U	.05U	.1U	.1U	.1U	.05U	.1U
B197	09/09/2010	.09U	.05U	.09U	.05UJ	.05U	.05U	.05U	4.7U	.05U	.09U	.09U	.09U	.05U	.09U
B277	09/15/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B278	09/16/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B280	09/16/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B280B	10/01/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B300	09/09/2010	.1U	.05U	.1U	.05UJ	.05U	.05U	.05U	NA	.05U	.1U	.1U	.1U	.05U	.1U
B38	09/15/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B460	09/15/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B473	09/24/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B474	09/23/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U

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PESICIDES (ug/L)

Location ID	Sample Date	4,4'-DDE	GAMMA-BHC (Lindane)	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	CLORDANE	DELTA-BHC	DIELDRIN	ENDOSULFAN SULFATE	ENDRIN	ENDOSULFAN I	ENDRIN ALDEHYDE
B480	09/24/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
B490	09/16/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
BULB1	10/19/2010	.09U	.05U	.09U	.05U	.05U	.05U	.05U	4.7U	.05U	.09U	.09U	.09U	.05U	.09U
BULB2	10/19/2010	.09U	.05U	.09U	.05U	.05U	.05U	.05U	4.7U	.05U	.09U	.09U	.09U	.05U	.09U
CCC1	09/08/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	4.8U	.05U	.1U	.1U	.1U	.05U	.1U
CCC2	09/08/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	4.8U	.05U	.1U	.1U	.1U	.05U	.1U
CCC3	09/03/2010	.09U	.05U	.09U	.05U	.05U	.05U	.05U	4.7U	.05U	.09U	.09U	.09U	.05U	.09U
CCC3	09/03/2010	.09U	.05U	.09U	.05U	.05U	.05U	.05U	4.7U	.05U	.09U	.09U	.09U	.05U	.09U
CCCT	09/03/2010	.09U	.05U	.09U	.05U	.05U	.05U	.05U	4.7U	.05U	.09U	.09U	.09U	.05U	.09U
CTP	09/30/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
CTP	09/30/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
CTPS	10/18/2010	.11U	.05U	.11U	.05U	.05U	.05U	.05U	5.5U	.05U	.11U	.11U	.11U	.05U	.11U
DH	09/30/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	4.8U	.05U	.1U	.1U	.1U	.05U	.1U
EERC	10/15/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
EPA	09/16/2010	.09U	.05U	.09U	.05U	.05U	.05U	.05U	4.7U	.05U	.09U	.09U	.09U	.05U	.09U
ETA	09/24/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
ETA	09/24/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
FG	09/23/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
GEO	09/03/2010	.09U	.05U	.09U	.05U	.05U	.05U	.05U	4.7U	.05U	.09U	.09U	.09U	.05U	.09U
MFA	09/24/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
NRLF	09/16/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
PZ11	10/01/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
PZ8	10/15/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
PZ9	09/24/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
RWF	09/15/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
TP1	09/29/2010	.09U	.05U	.09U	.05U	.05U	.05U	.05U	4.7U	.05U	.09U	.09U	.09U	.05U	.09U
TP2	09/29/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U
WTA	09/30/2010	.1U	.05U	.1U	.05U	.05U	.05U	.05U	5U	.05U	.1U	.1U	.1U	.05U	.1U

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PESICIDES (ug/L)

Location ID	Sample Date	ENDOSULFAN II	ENDRIN KAYTONE	GAMMA-CHLORDANE	4,4'-DDD	HEPTACHLOR	HEPTACHLOR EXPODIXE	METHOXYCHLOR	TOXAPHENE
B120	09/09/2010	.09U	.09U	.05U	.09U	.05U	.05U	.47U	4.7U
B121	09/08/2010	.1U	.1U	.05U	.1U	.05U	.05U	.48U	4.8U
B128	09/23/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B128	09/23/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B150	09/08/2010	.1U	.1U	.05U	.1U	.05U	.05U	.48U	4.8U
B158	09/08/2010	.09U	.09U	.05U	.09U	.05U	.05U	.47U	4.7U
B163	09/02/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B175S	09/03/2010	.1U	.1U	.05U	.1U	.05U	.05U	.48U	4.8U
B175W	09/08/2010	.1U	.1U	.05U	.1U	.05U	.05U	.48U	4.8U
B177	09/23/2010	.09U	.09U	.05U	.09U	.05U	.05U	.47U	4.7U
B178	09/02/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B180	09/15/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B185	09/02/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B194	09/09/2010	.09U	.09U	.05U	.09U	.05U	.05U	.47U	NA
B195	09/09/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B197	09/09/2010	.1U	.1U	.05U	.1U	.05U	.05U	.47U	4.7U
B197	09/09/2010	.09U	.09U	.05U	.09U	.05U	.05U	.48U	4.8U
B277	09/15/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B278	09/16/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B280	09/16/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B280B	10/01/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B300	09/09/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	NA
B38	09/15/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B460	09/15/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B473	09/24/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B474	09/23/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U

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University of California, Berkeley, Richmond Field Station, Richmond, California

PESICIDES (ug/L)

Location ID	Sample Date	ENDOSULFAN II	ENDRIN KAYTONE	GAMMA-CHLORDANE	4,4'-DDD	HEPTACHLOR	HEPTACHLOR EXPODIXE	METHOXYCHLOR	TOXAPHENE
B480	09/24/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
B490	09/16/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
BULB1	10/19/2010	.09U	.09U	.05U	.09U	.05U	.05U	.47U	4.7U
BULB2	10/19/2010	.09U	.09U	.05U	.09U	.05U	.05U	.47U	4.7U
CCC1	09/08/2010	.1U	.1U	.05U	.1U	.05U	.05U	.48U	4.8U
CCC2	09/08/2010	.1U	.1U	.05U	.1U	.05U	.05U	.48U	4.8U
CCC3	09/03/2010	.09U	.09U	.05U	.09U	.05U	.05U	.47U	4.7U
CCC3	09/03/2010	.09U	.09U	.05U	.09U	.05U	.05U	.47U	4.7U
CCCT	09/03/2010	.09U	.09U	.05U	.09U	.05U	.05U	.47U	4.7U
CTP	09/30/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
CTP	09/30/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
CTPS	10/18/2010	.11U	.11U	.05U	.11U	.05U	.05U	.55U	5.5U
DH	09/30/2010	.1U	.1U	.05U	.1U	.05U	.05U	.48U	4.8U
EERC	10/15/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
EPA	09/16/2010	.09U	.09U	.05U	.09U	.05U	.05U	.47U	4.7U
ETA	09/24/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
ETA	09/24/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
FG	09/23/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
GEO	09/03/2010	.09U	.09U	.05U	.09U	.05U	.05U	.47U	4.7U
MFA	09/24/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
NRLF	09/16/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
PZ11	10/01/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
PZ8	10/15/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
PZ9	09/24/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
RWF	09/15/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
TP1	09/29/2010	.09U	.09U	.05U	.09U	.05U	.05U	.47U	4.7U
TP2	09/29/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U
WTA	09/30/2010	.1U	.1U	.05U	.1U	.05U	.05U	.5U	5U

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University of California, Berkeley, Richmond Field Station, Richmond, California

SVOC AND PAH (ug/L)

Location ID	Sample Date	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2-Methylnaphthalene	2,2'-Oxybis(1-chloropropane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
B120	09/09/2010	.9U	.9U	.9U	.9U	.9U	NA	NA	.9U	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/09/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/15/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/15/2011	NA	NA	NA	NA	.03J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/04/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	NA	9.6 U	9.6 U	9.6 U	1 U	0.1 U	0.1 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	19 U
B121	09/08/2010	.9U	.9U	.9U	.9U	.9U	NA	NA	.9U	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/08/2010	NA	NA	NA	NA	NA	.048U	.048U	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/13/2011	NA	NA	NA	NA	.06J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/04/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	NA	9.4 U	9.4 U	9.4 U	1 U	0.1 U	0.1 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B128	09/23/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/23/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/23/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	09/23/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/18/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/04/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/2/2012	NA	9.6 U	9.6 U	9.6 U	0.9 U	0.09 U	0.09 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	19 U
B150	09/08/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	4.8U	4.8U	4.8U	4.8U	19U
	09/08/2010	NA	NA	NA	NA	NA	.048U	.048U	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U

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SVOC AND PAH (ug/L)

Location ID	Sample Date	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2-Methylnaphthalene	2,2'-Oxybis(1-chloropropane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
B150	04/13/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/05/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
	4/4/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B158	09/08/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/08/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/15/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/15/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/05/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B163	09/02/2010	1U	1U	1U	1U	.5J	NA	NA	1UJ	NA	5U	5U	5U	5U	20U
	09/02/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/12/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19UJ
	04/12/2011	NA	NA	NA	NA	.2J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/03/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/03/2011	NA	NA	NA	NA	.2J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/2/2012	NA	9.6 U	9.6 U	9.6 U	0.09 J	0.09 U	0.09 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	19 U
B175S	09/03/2010	.9U	.9U	.9U	.9U	.9U	NA	NA	.9UJ	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/03/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/13/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U

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Location ID	Sample Date	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2-Methylnaphthalene	2,2'-Oxybis(1-chloropropane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
B175S	10/04/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B175W	09/08/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/08/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/13/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/04/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B177	09/23/2010	.9U	.9U	.9U	.9UJ	.9U	NA	NA	.9U	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/23/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/18/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/05/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B178	09/02/2010	1U	1U	1U	1U	1U	NA	NA	1UJ	NA	5U	5U	5U	5U	20U
	09/02/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/15/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/15/2011	NA	NA	NA	NA	.04J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/04/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B180	09/15/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	4.8U	4.8U	4.8U	4.8U	19U
	09/15/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U

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Location ID	Sample Date	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2-Methylnaphthalene	2,2'-Oxybis(1-chloropropane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
B180	04/13/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19UJ
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19UJ
	10/06/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	1U	.1U	.1U	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	NA	9.7 U	9.7 U	9.7 U	0.9 U	0.09 U	0.09 U	9.7 U	9.7 U	9.7 U	9.7 U	9.7 U	9.7 U	19 U
B185	09/02/2010	.9U	.9U	.9U	.9U	10	NA	NA	.9UJ	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/02/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/15/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	4/2/2012	NA	9.6 U	9.6 U	9.6 U	4.4	0.09 U	0.09 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	19 U
B194	09/09/2010	.9U	.9U	.9U	.9U	.9U	NA	NA	.9U	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/09/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/13/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/04/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B195	09/09/2010	.9U	.9U	.9U	.9U	.9U	NA	NA	.9U	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/09/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/13/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/13/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/04/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	NA	9.5 U	9.5 U	9.5 U	0.9 U	0.09 U	0.09 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	19 U

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University of California, Berkeley, Richmond Field Station, Richmond, California

SVOC AND PAH (ug/L)

Location ID	Sample Date	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2-Methylnaphthalene	2,2'-Oxybis(1-chloropropane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
B197	09/09/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	4.8U	4.8U	4.8U	4.8U	19U
	09/09/2010	.9U	.9U	.9U	.9U	.9U	NA	NA	.9U	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/09/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	09/09/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/13/2011	NA	NA	NA	NA	.04J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/04/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
	4/3/2012	NA	9.4 U	9.4 U	9.4 U	1 U	0.1 U	0.1 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B277	09/15/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/15/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/18/2011	NA	NA	NA	NA	.2J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/05/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	NA	9.5 U	9.5 U	9.5 U	0.1 J	0.1 U	0.1 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	19 U
B278	09/16/2010	1U	1U	1U	1U	1.4	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/16/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/14/2011	NA	NA	NA	NA	.2J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19UJ
	10/06/2011	NA	NA	NA	NA	.2J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	NA	9.4 U	9.4 U	9.4 U	0.2 J	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B280B	10/01/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	10/01/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA

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SVOC AND PAH (ug/L)

Location ID	Sample Date	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2-Methylnaphthalene	2,2'-Oxybis(1-chloropropane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
B280B	04/14/2011	10U	10U	10U	10U	NA	10U	NA	10U	10U	10U	10U	10U	10U	20U
	04/14/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19UJ
	10/06/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	NA	9.5 U	9.5 U	9.5 U	1 U	0.1 U	0.1 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	19 U
B300	09/09/2010	.9U	.9U	.9U	.9U	1.4	NA	NA	.9U	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/09/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/15/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/15/2011	NA	NA	NA	NA	.1J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	97U	97U	97U	97U	NA	NA	NA	97U	97U	97U	97U	97U	97U	190UJ
	10/06/2011	NA	NA	NA	NA	5.9	.5U	.5U	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	NA	9.4 U	9.4 U	9.4 U	0.8 J	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B38	09/15/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/15/2010	NA	NA	NA	NA	NA	.05UJ	.05UJ	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/19/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/19/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19UJ
	10/06/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B450	04/19/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/19/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/10/2011	9.6UJ	9.6UJ	9.6UJ	9.6UJ	NA	NA	NA	9.6UJ	9.6UJ	9.6UJ	9.6UJ	9.6UJ	9.6UJ	19UJ
	10/10/2011	NA	NA	NA	NA	.3J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	NA	9.4 U	9.4 U	9.4 U	1 U	0.1 U	0.1 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U

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B460	09/15/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/15/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/20/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.6U	9.6U	9.6U	9.6U	NA	NA	NA	9.6U	9.6U	9.6U	9.6U	9.6U	9.6U	19U
	10/07/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	NA	9.4 U	9.4 U	9.4 U	0.5 J	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B473	09/24/2010	1U	1U	1U	1U	.5J	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/24/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/20/2011	NA	NA	NA	NA	.06J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/07/2011	NA	NA	NA	NA	.3J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	NA	9.4 U	9.4 U	9.4 U	1	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B474	09/23/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/23/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/20/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/07/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B480	09/24/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/24/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/19/2011	NA	NA	NA	NA	.2J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.5U	9.5U	9.5U	9.5U	NA	NA	NA	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	19U

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Location ID	Sample Date	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2-Methylnaphthalene	2,2'-Oxybis(1-chloropropane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
B480	10/07/2011	NA	NA	NA	NA	.3J	.1U	.1U	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	NA	9.4 U	9.4 U	9.4 U	0.1 J	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
B490	09/16/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/16/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/20/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/10/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/10/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
BULB1	10/19/2010	.9U	.9U	.9U	.9U	.9U	NA	NA	.9U	NA	4.7U	4.7U	4.7U	4.7U	19UJ
	10/19/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/12/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/12/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	09/30/2011	9.5U	9.5U	9.5U	9.5U	NA	NA	NA	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	19U
	09/30/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
BULB2	10/19/2010	1U	1U	1U	1U	1.3	NA	NA	1U	NA	5U	5U	5U	5U	20UJ
	10/19/2010	NA	NA	NA	NA	NA	.033J	.05U	NA	NA	NA	NA	NA	NA	NA
	04/12/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/12/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	09/30/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	09/30/2011	NA	NA	NA	NA	1.2	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	NA	9.4 U	9.4 U	9.4 U	1 U	0.1 U	0.1 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
CCC1	09/08/2010	.9U	.9U	.9U	.9U	.9U	NA	NA	.9U	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/08/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U

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CCC1	04/14/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/05/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/10/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
CCC2	09/08/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	4.8U	4.8U	4.8U	4.8U	19U
	09/08/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/14/2011	NA	NA	NA	NA	1U	.1U	.1U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/04/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/10/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
CCC3	09/03/2010	.9U	.9U	.9U	.9U	.9U	NA	NA	.9UJ	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/03/2010	.9U	.9U	.9U	.9U	.9U	NA	NA	.9UJ	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/03/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	09/03/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/12/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/12/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/04/2011	NA	NA	NA	NA	.1J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	.1J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/10/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
CCCT	09/03/2010	.9U	.9U	.9U	.9U	.9U	NA	NA	.9UJ	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/03/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.5U	9.5U	9.5U	9.5U	NA	9.5U	NA	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	19U
	04/18/2011	NA	NA	NA	NA	.1J	.1U	.1U	NA	NA	NA	NA	NA	NA	NA

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University of California, Berkeley, Richmond Field Station, Richmond, California

SVOC AND PAH (ug/L)

Location ID	Sample Date	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2-Methylnaphthalene	2,2'-Oxybis(1-chloropropane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
CCCT	10/03/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/03/2011	NA	NA	NA	NA	.08J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
CTP	09/30/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/30/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/30/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	09/30/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/14/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19UJ
	10/06/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	NA	9.5 U	9.5 U	9.5 U	0.9 U	0.09 U	0.09 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	19 U
CTPS	10/01/2010	1.2U	1.2U	1.2U	1.2U	1.2U	NA	NA	1.2U	NA	6U	6U	6U	6U	24U
	10/18/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/19/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/10/2011	NA	NA	NA	NA	1U	.1U	.1U	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	NA	9.5 U	9.5 U	9.5 U	0.9 U	0.09 U	0.09 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	19 U
DH	09/30/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/30/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/14/2011	NA	NA	NA	NA	.04J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/05/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U

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Location ID	Sample Date	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2-Methylnaphthalene	2,2'-Oxybis(1-chloropropane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
EERC	10/01/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	10/15/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/20/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/07/2011	NA	NA	NA	NA	1U	.1U	.1U	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	NA	9.5 U	9.5 U	9.5 U	0.9 U	0.09 U	0.09 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	19 U
EPA	09/16/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/16/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/19/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.8U	9.8U	9.8U	9.8U	NA	NA	NA	9.8U	9.8U	9.8U	9.8U	9.8U	9.8U	20UJ
	10/06/2011	NA	NA	NA	NA	1U	.1U	.1U	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	NA	9.4 U	9.4 U	9.4 U	0.5 J	0.05 J	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
	4/6/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
	09/24/2010	.9U	.9U	.9U	.9U	12	NA	NA	.9U	NA	4.7U	4.7U	4.7U	4.7U	19U
ETA	09/24/2010	1U	1U	1U	1U	12	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/24/2010	NA	NA	NA	NA	NA	.033J	.05U	NA	NA	NA	NA	NA	NA	NA
	09/24/2010	NA	NA	NA	NA	NA	.032J	.05U	NA	NA	NA	NA	NA	NA	NA
	04/12/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/12/2011	NA	NA	NA	NA	8.1	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
ETA	09/30/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	09/30/2011	NA	NA	NA	NA	6.1	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/10/2012	NA	9.4 U	9.4 U	9.4 U	12	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
	4/10/2012	NA	9.4 U	9.4 U	9.4 U	12	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
FG	09/23/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U

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FG	09/23/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/19/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/19/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/10/2011	9.5U	9.5U	9.5U	9.5U	NA	NA	NA	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	19U
	10/10/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
GEO	09/03/2010	.9U	.9U	.9U	.9U	.9U	NA	NA	.9UJ	NA	4.7U	4.7U	4.7U	4.7U	19U
	09/03/2010	NA	NA	NA	NA	NA	.047U	.047U	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/20/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19UJ
	10/06/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
MFA	09/24/2010	1U	1U	1U	1U	2.3	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/24/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/12/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/12/2011	NA	NA	NA	NA	1.1	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/03/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/03/2011	NA	NA	NA	NA	1.7	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	NA	9.4 U	9.4 U	9.4 U	1.2	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
NRLF	09/16/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	4.8U	4.8U	4.8U	4.8U	19U
	09/16/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/20/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA

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Location ID	Sample Date	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2-Methylnaphthalene	2,2'-Oxybis(1-chloropropane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
NRLF	10/06/2011	9.5U	9.5U	9.5U	9.5U	NA	NA	NA	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	19UJ
	10/06/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
PZ11	10/01/2010	1U	1U	1U	1U	.7J	NA	NA	1U	NA	5U	5U	5U	5U	20U
	10/01/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/20/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/10/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/10/2011	NA	NA	NA	NA	.3J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
PZ8	10/15/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20UJ
	10/15/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/18/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/04/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	NA	9.7 UJ	9.7 UJ	9.7 UJ	0.9 U	0.09 U	0.09 U	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	19 UJ
PZ9	09/24/2010	1U	1U	1U	1U	1.6	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/24/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/20/2011	NA	NA	NA	NA	.9J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/07/2011	NA	NA	NA	NA	1.2	.1U	.1U	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	NA	NA	NA	NA	1.2	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	NA	9.4 U	9.4 UJ	9.4 UJ	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U

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RWF	09/15/2010	1U	1U	1U	1U	.7J	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/15/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/18/2011	NA	NA	NA	NA	.06J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19UJ
	10/06/2011	NA	NA	NA	NA	.6J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
TP1	09/29/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/29/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/18/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/07/2011	NA	NA	NA	NA	.05J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	NA	9.5 U	9.5 U	9.5 U	0.9 U	0.09 U	0.09 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	19 U
TP2	09/29/2010	1U	1U	1U	1U	1.1	NA	NA	1U	NA	5U	5U	5U	5U	20U
	09/29/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/18/2011	NA	NA	NA	NA	.7J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/07/2011	NA	NA	NA	NA	.9J	.1U	.1U	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	NA	9.4 U	9.4 U	9.4 U	0.3 J	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
	4/9/2012	NA	9.4 U	9.4 U	9.4 U	0.4 J	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U
WTA	09/30/2010	1U	1U	1U	1U	1U	NA	NA	1U	NA	5U	5U	5U	5U	20UJ
	09/30/2010	NA	NA	NA	NA	NA	.05U	.05U	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	04/14/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U

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University of California, Berkeley, Richmond Field Station, Richmond, California

SVOC AND PAH (ug/L)

Location ID	Sample Date	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2-Methylnaphthalene	2,2'-Oxybis(1-chloropropane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
WTA	04/14/2011	NA	NA	NA	NA	.06J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	NA	NA	NA	NA	.07J	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	NA	NA	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U
	10/05/2011	NA	NA	NA	NA	.9U	.09U	.09U	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	NA	9.4 U	9.4 U	9.4 U	0.9 U	0.09 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	19 U

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SVOC AND PAH (ug/L)

Location ID	Sample Date	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	3&4-Methylphenol	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol
B120	09/09/2010	.9UJ	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7UJ	4.7U	4.7U	4.7UJ	.9U	4.7U
	09/09/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	9.6 U	9.6 U	9.6 U	9.6 U	NA	9.6 U	19 U	19 U	19 U	19 U	NA	19 U	9.6 U	9.6 U
B121	09/08/2010	.9U	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7UJ	4.7U	4.7U	4.7UJ	.9U	4.7U
	09/08/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B128	09/23/2010	1U	1U	1U	5U	1U	5UJ	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/23/2010	1U	1U	1U	5U	1U	5UJ	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/23/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/2/2012	9.6 U	9.6 U	9.6 U	9.6 U	NA	9.6 U	19 U	19 U	19 U	19 U	NA	19 U	9.6 U	9.6 U
B150	09/08/2010	1U	1U	1U	4.8U	1U	4.8U	4.8U	4.8U	4.8U	4.8U	4.8U	4.8UJ	1U	4.8U
	09/08/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U

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SVOC AND PAH (ug/L)

Location ID	Sample Date	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	3&4-Methylphenol	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol
B150	04/13/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
	4/4/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B158	09/08/2010	1U	1U	1U	5U	1U	5U	5U	5U	5U	5U	5U	5UJ	1U	5U
	09/08/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B163	09/02/2010	1U	1U	1U	5U	1U	5U	5U	5U	5UJ	5U	NA	5UJ	1U	5U
	09/02/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/12/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/03/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/03/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/2/2012	9.6 U	9.6 U	9.6 U	9.6 U	NA	9.6 U	19 U	19 U	19 U	19 U	NA	19 U	9.6 U	9.6 U
B175S	09/03/2010	.9U	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7UJ	4.7U	NA	4.7UJ	.9U	4.7U
	09/03/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U

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SVOC AND PAH (ug/L)

Location ID	Sample Date	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	3&4-Methylphenol	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol
B175S	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B175W	09/08/2010	1U	1U	1U	5U	1U	5U	5U	5U	5U	5U	5U	5UJ	1U	5U
	09/08/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B177	09/23/2010	.9U	.9U	.9U	4.7U	.9U	4.7UJ	4.7U	4.7U	4.7UJ	4.7U	4.7U	4.7UJ	.9U	4.7U
	09/23/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B178	09/02/2010	1U	1U	1U	5U	1U	5U	5U	5U	5UJ	5U	NA	5UJ	1U	5U
	09/02/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B180	09/15/2010	1UJ	1U	1U	4.8U	1U	4.8U	4.8U	4.8U	4.8UJ	4.8U	4.8U	4.8UJ	1U	4.8U
	09/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U

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Location ID	Sample Date	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	3&4-Methylphenol	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol
B180	04/13/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	9.7 U	9.7 U	9.7 U	9.7 U	NA	9.7 U	19 U	19 U	19 U	19 U	NA	19 U	9.7 U	9.7 U
B185	09/02/2010	.9U	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7UJ	4.7U	NA	4.7UJ	.9U	4.7U
	09/02/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	4/2/2012	9.6 U	9.6 U	9.6 U	9.6 U	NA	9.6 U	19 U	19 U	19 U	19 U	NA	19 U	9.6 U	9.6 U
B194	09/09/2010	.9UJ	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7UJ	4.7U	4.7U	4.7UJ	.9U	4.7U
	09/09/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B195	09/09/2010	.9UJ	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7UJ	4.7U	4.7U	4.7UJ	.9U	4.7U
	09/09/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/13/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	9.5 U	9.5 U	9.5 U	9.5 U	NA	9.5 U	19 U	19 U	19 U	19 U	NA	19 U	9.5 U	9.5 U

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Location ID	Sample Date	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	3&4-Methylphenol	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol
B197	09/09/2010	1UJ	1U	1U	4.8U	1U	4.8U	4.8U	4.8U	4.8UJ	4.8U	4.8U	4.8UJ	1U	4.8U
	09/09/2010	.9UJ	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7UJ	4.7U	4.7U	4.7UJ	.9U	4.7U
	09/09/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
	4/3/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B277	09/15/2010	1UJ	1U	1U	5U	1U	5U	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	9.5 U	9.5 U	9.5 U	9.5 U	NA	9.5 U	19 U	19 U	19 U	19 U	NA	19 U	9.5 U	9.5 U
B278	09/16/2010	1UJ	1U	1U	5U	1U	5U	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/16/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B280B	10/01/2010	1U	1U	1U	5U	1UJ	5UJ	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	10/01/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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SVOC AND PAH (ug/L)

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B280B	04/14/2011	10U	10U	10U	10U	10U	10U	20U	20U	20U	20U	NA	20U	10U	10U
	04/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	9.5 U	9.5 U	9.5 U	9.5 U	NA	9.5 U	19 U	19 U	19 U	19 U	NA	19 U	9.5 U	9.5 U
B300	09/09/2010	.9UJ	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7UJ	4.7U	4.7U	4.7UJ	.9U	4.7U
	09/09/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	97U	97U	97U	97U	NA	97U	190U	190U	190U	190U	NA	190U	97U	97U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B38	09/15/2010	1UJ	1U	1U	5U	1U	5U	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/19/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B450	04/19/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/2011	9.6UJ	9.6UJ	9.6UJ	9.6UJ	NA	9.6UJ	19UJ	19UJ	19UJ	19UJ	NA	19UJ	9.6UJ	9.6UJ
	10/10/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U

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B460	09/15/2010	1UJ	1U	1U	5U	1U	5U	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.6U	9.6U	9.6U	9.6U	NA	9.6U	19U	19U	19U	19U	NA	19U	9.6U	9.6U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B473	09/24/2010	1U	1U	1U	5U	1U	5UJ	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/24/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B474	09/23/2010	1U	1U	1U	5U	1U	5UJ	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/23/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B480	09/24/2010	1U	1U	1U	5U	1U	5UJ	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/24/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.5U	9.5U	9.5U	9.5U	NA	9.5U	19U	19U	19U	19U	NA	19U	9.5U	9.5U

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B480	10/07/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
B490	09/16/2010	1UJ	1U	1U	5U	1U	5U	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/16/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/10/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
BULB1	10/19/2010	.9U	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7UJ	4.7U	4.7U	4.7UJ	.9U	4.7U
	10/19/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/12/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/30/2011	9.5U	9.5U	9.5U	9.5U	NA	9.5U	19U	19U	19U	19U	NA	19U	9.5U	9.5U
	09/30/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
BULB2	10/19/2010	1U	1U	1U	5U	1U	5U	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	10/19/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/12/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/30/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	09/30/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
CCC1	09/08/2010	.9U	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7U	4.7U	4.7U	4.7UJ	.9U	4.7U
	09/08/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U

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CCC1	04/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/10/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
CCC2	09/08/2010	1U	1U	1U	4.8U	1U	4.8U	4.8U	4.8U	4.8U	4.8U	4.8U	4.8UJ	1U	4.8U
	09/08/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/10/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
CCC3	09/03/2010	.9U	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7U	4.7U	NA	4.7UJ	.9U	4.7U
	09/03/2010	.9U	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7U	4.7U	NA	4.7UJ	.9U	4.7U
	09/03/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/03/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/12/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/10/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
CCCT	09/03/2010	.9U	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7U	4.7U	NA	4.7UJ	.9U	4.7U
	09/03/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	19U	19U	19U	19U	NA	19U	9.5U	9.5U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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CCCT	10/03/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/03/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
CTP	09/30/2010	1U	1U	1U	5U	1UJ	5UJ	5U	5U	5UJ	5UJ	13	5UJ	1U	5U
	09/30/2010	1U	1U	1U	5U	1UJ	5UJ	5U	5U	5UJ	5UJ	9	5UJ	1U	5U
	09/30/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/30/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	9.5 U	9.5 U	9.5 U	9.5 U	NA	9.5 U	19 U	19 U	19 U	19 U	NA	19 U	9.5 U	9.5 U
CTPS	10/01/2010	1.2U	1.2U	1.2U	6U	1.2UJ	6UJ	6U	6U	6UJ	6U	6U	6UJ	1.2U	6U
	10/18/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/10/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	9.5 U	9.5 U	9.5 U	9.5 U	NA	9.5 U	19 U	19 U	19 U	19 U	NA	19 U	9.5 U	9.5 U
DH	09/30/2010	1U	1U	1U	5U	1UJ	5UJ	5U	5U	5UJ	5UJ	5U	5UJ	1U	5U
	09/30/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U

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SVOC AND PAH (ug/L)

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EERC	10/01/2010	1U	1U	1U	5U	1UJ	5UJ	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	10/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	9.5 U	9.5 U	9.5 U	9.5 U	NA	9.5 U	19 U	19 U	19 U	19 U	NA	19 U	9.5 U	9.5 U
EPA	09/16/2010	1UJ	1U	1U	5U	1U	5U	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/16/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.8U	9.8U	9.8U	9.8U	NA	9.8U	20U	20U	20U	20U	NA	20U	9.8U	9.8U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
	4/6/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
	09/24/2010	.9U	.9U	.9U	4.7U	.9U	4.7UJ	4.7U	4.7U	4.7UJ	4.7U	4.7U	4.7UJ	.9U	4.7U
ETA	09/24/2010	1U	1U	1U	5U	1U	5UJ	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/24/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/24/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/12/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETA	09/30/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	09/30/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/10/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
	4/10/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
FG	09/23/2010	1U	1U	1U	5U	1U	5UJ	5U	5U	5UJ	5U	5U	5UJ	1U	5U

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FG	09/23/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/19/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/2011	9.5U	9.5U	9.5U	9.5U	NA	9.5U	19U	19U	19U	19U	NA	19U	9.5U	9.5U
	10/10/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
GEO	09/03/2010	.9U	.9U	.9U	4.7U	.9U	4.7U	4.7U	4.7U	4.7U	4.7U	NA	4.7UJ	.9U	4.7U
	09/03/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
MFA	09/24/2010	1U	1U	1U	5U	1U	5UJ	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/24/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/12/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/03/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/03/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
NRLF	09/16/2010	1UJ	1U	1U	4.8U	1U	4.8U	4.8U	4.8U	4.8UJ	4.8U	4.8U	4.8UJ	1U	4.8U
	09/16/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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NRLF	10/06/2011	9.5U	9.5U	9.5U	9.5U	NA	9.5U	19U	19U	19U	19U	NA	19U	9.5U	9.5U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
PZ11	10/01/2010	1U	1U	1U	5U	1UJ	5UJ	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	10/01/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/10/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
PZ8	10/15/2010	1U	1U	1U	5U	1U	5U	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	10/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/3/2012	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	NA	9.7 UJ	19 UJ	19 UJ	19 UJ	19 UJ	NA	19 UJ	9.7 UJ	9.7 UJ
PZ9	09/24/2010	1U	1U	1U	5U	1U	5UJ	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/24/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/6/2012	9.4 U	9.4 U	9.4 U	9.4 UJ	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U

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RWF	09/15/2010	1UJ	1U	1U	5U	1U	5U	5U	5U	5UJ	5U	5U	5UJ	1U	5U
	09/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/4/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
TP1	09/29/2010	1U	1U	1U	5U	1UJ	5UJ	5U	5U	5UJ	5UJ	5U	5UJ	1U	5U
	09/29/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	9.5 U	9.5 U	9.5 U	9.5 U	NA	9.5 U	19 U	19 U	19 U	19 U	NA	19 U	9.5 U	9.5 U
TP2	09/29/2010	1U	1U	1U	5U	1UJ	5UJ	5U	5U	5UJ	5UJ	5U	5UJ	1U	5U
	09/29/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/9/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
	4/9/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U
WTA	09/30/2010	1U	1U	1U	5U	1UJ	5UJ	5U	5U	5UJ	5UJ	5U	5UJ	1U	5U
	09/30/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	04/14/2011	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U

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WTA	04/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	9.4U	NA	9.4U	19U	19U	19U	19U	NA	19U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/5/2012	9.4 U	9.4 U	9.4 U	9.4 U	NA	9.4 U	19 U	19 U	19 U	19 U	NA	19 U	9.4 U	9.4 U

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B120	09/09/2010	4.7U	.9U	NA	4.7U	4.7UJ	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9U
	09/09/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	04/15/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/15/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/3/2012	9.6 U	9.6 U	9.6 U	19 U	19 U	0.1 U	0.1 U	0.1 U	9.6 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
B121	09/08/2010	4.7U	.9U	NA	4.7U	4.7U	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9UJ
	09/08/2010	NA	NA	NA	NA	NA	.048U	.048U	.048U	NA	.048U	.048U	.048U	.048U	.048U
	04/13/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/4/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.1 U	0.1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
B128	09/23/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/23/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/23/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	09/23/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/18/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/2/2012	9.6 U	9.6 U	9.6 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.6 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B150	09/08/2010	4.8U	1U	NA	4.8U	4.8U	1U	1U	1U	NA	1U	1U	1U	1U	1UJ
	09/08/2010	NA	NA	NA	NA	NA	.048U	.048U	.048U	NA	.048U	.048U	.048U	.048U	.048U
	04/13/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U

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B150	04/13/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/05/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/05/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/05/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/05/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/4/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
	4/4/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B158	09/08/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1UJ
	09/08/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	04/15/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/15/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/05/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/05/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/6/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.02 J	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B163	09/02/2010	5U	1U	5U	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1UJ
	09/02/2010	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	04/12/2011	9.4UJ	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	10/03/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/03/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/2/2012	9.6 U	9.6 U	9.6 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.6 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B175S	09/03/2010	4.7U	.9U	4.7U	4.7U	4.7U	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9UJ
	09/03/2010	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	04/13/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA

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B175S	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/4/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B175W	09/08/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1UJ
	09/08/2010	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	04/13/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/4/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B177	09/23/2010	4.7U	.9U	NA	4.7U	4.7U	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9U
	09/23/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/18/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	10/05/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/05/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/4/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B178	09/02/2010	5U	1U	5U	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1UJ
	09/02/2010	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	04/15/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/15/2011	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/3/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B180	09/15/2010	4.8U	1U	NA	4.8U	4.8UJ	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/15/2010	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	04/13/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U

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B180	04/13/2011	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	10/06/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/06/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/06/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/4/2012	9.7 U	9.7 U	9.7 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.7 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B185	09/02/2010	4.7UJ	.9U	4.7U	4.7U	4.7U	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9UJ
	09/02/2010	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	04/15/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	4/2/2012	9.6 U	9.6 U	9.6 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.6 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B194	09/09/2010	4.7U	.9U	NA	4.7U	4.7UJ	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9U
	09/09/2010	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	04/13/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/4/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B195	09/09/2010	4.7U	.9U	NA	4.7U	4.7UJ	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9U
	09/09/2010	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	04/13/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	04/13/2011	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/3/2012	9.5 U	9.5 U	9.5 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U

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B197	09/09/2010	4.8U	1U	NA	4.8U	4.8UJ	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/09/2010	4.7U	.9U	NA	4.7U	4.7UJ	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9U
	09/09/2010	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	09/09/2010	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	04/13/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09UJ	NA	.09U	.09U	.09U	.09U	.09U
	4/3/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
	4/3/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.1 U	0.1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
B277	09/15/2010	5U	1U	NA	5U	5UJ	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/15/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	04/18/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	10/05/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/05/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/3/2012	9.5 U	9.5 U	9.5 U	19 U	19 U	0.1 U	0.1 U	0.1 U	9.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
B278	09/16/2010	5U	1U	NA	5U	5UJ	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/16/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/14/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/06/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/3/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B280B	10/01/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	10/01/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U

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B280B	04/14/2011	10U	10U	10U	20U	20U	10U	10U	10U	10U	10U	10U	10U	10U	10U
	04/14/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/06/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/3/2012	9.5 U	9.5 U	9.5 U	19 U	19 U	0.1 U	0.1 U	0.1 U	9.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
B300	09/09/2010	4.7U	.9U	NA	4.7U	4.7UJ	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9U
	09/09/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	04/15/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/15/2011	NA	NA	NA	NA	NA	.09U	.08J	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/06/2011	97U	97U	97U	190U	190U	NA	NA	NA	97U	NA	NA	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	NA	.5U	4.9	.5U	NA	.5U	.5U	.5U	.5U	.5U
	4/9/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.2	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B38	09/15/2010	5U	1U	NA	5U	5UJ	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/15/2010	NA	NA	NA	NA	NA	.05UJ	.05UJ	.05UJ	NA	.05UJ	.05UJ	.05UJ	.05UJ	.05UJ
	04/19/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	04/19/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/06/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/4/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B450	04/19/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/10/2011	9.6UJ	9.6UJ	9.6UJ	19UJ	19UJ	NA	NA	NA	9.6UJ	NA	NA	NA	NA	NA
	10/10/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/6/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.1 U	0.1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

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B460	09/15/2010	5U	1U	NA	5U	5UJ	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/15/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/20/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/07/2011	9.6U	9.6U	9.6U	19U	19U	NA	NA	NA	9.6U	NA	NA	NA	NA	NA
	10/07/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/6/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B473	09/24/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/24/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/20/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/07/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/07/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/6/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B474	09/23/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/23/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/20/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/07/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/07/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/9/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B480	09/24/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/24/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/19/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/07/2011	9.5U	9.5U	9.5U	19U	19U	NA	NA	NA	9.5U	NA	NA	NA	NA	NA

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B480	10/07/2011	NA	NA	NA	NA	NA	.1U	.1U	.1U	NA	.1U	.1U	.1U	.1U	.1U
	4/9/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
B490	09/16/2010	5U	1U	NA	5U	5UJ	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/16/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/20/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/10/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/10/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/9/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
BULB1	10/19/2010	4.7U	.9U	NA	4.7U	4.7U	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9U
	10/19/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	04/12/2011	9.4U	9.4U	9.4U	19UJ	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	09/30/2011	9.5U	9.5U	9.5U	19U	19U	NA	NA	NA	9.5U	NA	NA	NA	NA	NA
	09/30/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/5/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
BULB2	10/19/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	10/19/2010	NA	NA	NA	NA	NA	.062	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/12/2011	9.4U	9.4U	9.4U	19UJ	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	09/30/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	09/30/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/5/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.1 U	0.1 U	0.1 U	9.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CCC1	09/08/2010	4.7U	.9U	NA	4.7U	4.7U	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9UJ
	09/08/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	04/14/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U

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CCC1	04/14/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/05/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/05/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/10/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CCC2	09/08/2010	4.8U	1U	NA	4.8U	4.8U	1U	1U	1U	NA	1U	1U	1U	1U	1UJ
	09/08/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	04/14/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	NA	NA	NA	NA	.1U	.1U	.1U	NA	.1U	.1U	.1U	.1U	.1U
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/10/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CCC3	09/03/2010	4.7U	.9U	4.7U	4.7U	4.7U	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9UJ
	09/03/2010	4.7U	.9U	4.7U	4.7U	4.7U	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9UJ
	09/03/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	09/03/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	04/12/2011	9.4UJ	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/10/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CCCT	09/03/2010	4.7U	.9U	4.7U	4.7U	4.7U	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9UJ
	09/03/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	04/18/2011	9.5U	9.5U	9.5U	19U	19U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U
	04/18/2011	NA	NA	NA	NA	NA	.1U	.1U	.1U	NA	.1U	.1U	.1U	.1U	.1U

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CCCT	10/03/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/03/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/4/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CTP	09/30/2010	5UJ	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/30/2010	5UJ	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/30/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	09/30/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/14/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/06/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/3/2012	9.5 U	9.5 U	9.5 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CTPS	10/01/2010	6U	1.2U	NA	6U	6U	1.2U	1.2U	1.2U	NA	1.2U	1.2U	1.2U	1.2U	1.2U
	10/18/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/19/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/07/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/10/2011	NA	NA	NA	NA	NA	.1U	.1U	.1U	NA	.1U	.1U	.1U	.1U	.1U
	4/5/2012	9.5 U	9.5 U	9.5 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
DH	09/30/2010	5UJ	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/30/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	04/14/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/05/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/05/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/6/2012	9.4 U	9.4 U	3.2 J	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U

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EERC	10/01/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	10/15/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/20/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/07/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/07/2011	NA	NA	NA	NA	NA	.1U	.1U	.1U	NA	.1U	.1U	.1U	.1U	.1U
	4/6/2012	9.5 U	9.5 U	9.5 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
EPA	09/16/2010	5U	1U	NA	5U	5UJ	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/16/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/19/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/06/2011	9.8U	9.8U	9.8U	20U	20U	NA	NA	NA	9.8U	NA	NA	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	NA	.1U	.1U	.1U	NA	.1U	.1U	.1U	.1U	.1U
	4/6/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.2	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
	4/6/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
	09/24/2010	4.7U	.9U	NA	4.7U	4.7U	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9U
ETA	09/24/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/24/2010	NA	NA	NA	NA	NA	.11	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	09/24/2010	NA	NA	NA	NA	NA	.11	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/12/2011	9.4UJ	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
ETA	09/30/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	09/30/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/10/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
	4/10/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
FG	09/23/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U

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FG	09/23/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/19/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	04/19/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/10/2011	9.5U	9.5U	9.5U	19U	19U	NA	NA	NA	9.5U	NA	NA	NA	NA	NA
	10/10/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/9/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
GEO	09/03/2010	4.7U	.9U	4.7U	4.7U	4.7U	.9U	.9U	.9U	NA	.9U	.9U	.9U	.9U	.9UJ
	09/03/2010	NA	NA	NA	NA	NA	.047U	.047U	.047U	NA	.047U	.047U	.047U	.047U	.047U
	04/20/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/06/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/6/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
MFA	09/24/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/24/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/12/2011	9.4UJ	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/03/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/03/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/5/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
NRLF	09/16/2010	4.8U	1U	NA	4.8U	4.8UJ	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/16/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/20/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U

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NRLF	10/06/2011	9.5U	9.5U	9.5U	19U	19U	NA	NA	NA	9.5U	NA	NA	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/9/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
PZ11	10/01/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	10/01/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/20/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/10/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/10/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/5/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
PZ8	10/15/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	10/15/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/18/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/04/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/3/2012	9.7 UJ	9.7 UJ	9.7 UJ	19 UJ	19 UJ	0.09 U	0.09 U	0.09 U	9.7 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
PZ9	09/24/2010	5U	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/24/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/20/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/07/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/07/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/07/2011	NA	NA	NA	NA	NA	.1U	.1U	.1U	NA	.1U	.1U	.1U	.1U	.1U
	10/07/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/6/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U

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RWF	09/15/2010	5U	1U	NA	5U	5UJ	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/15/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/18/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/06/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/4/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
TP1	09/29/2010	5UJ	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/29/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/18/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/07/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/07/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/5/2012	9.5 U	9.5 U	9.5 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.5 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
TP2	09/29/2010	5UJ	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/29/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/18/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/07/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/07/2011	NA	NA	NA	NA	NA	.1U	.1U	.1U	NA	.1U	.1U	.1U	.1U	.1U
	4/9/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
	4/9/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
WTA	09/30/2010	5UJ	1U	NA	5U	5U	1U	1U	1U	NA	1U	1U	1U	1U	1U
	09/30/2010	NA	NA	NA	NA	NA	.05U	.05U	.05U	NA	.05U	.05U	.05U	.05U	.05U
	04/14/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	9.4U	9.4U	9.4U	19U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U

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WTA	04/14/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	04/14/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	10/05/2011	9.4U	9.4U	9.4U	19U	19U	NA	NA	NA	9.4U	NA	NA	NA	NA	NA
	10/05/2011	NA	NA	NA	NA	NA	.09U	.09U	.09U	NA	.09U	.09U	.09U	.09U	.09U
	4/5/2012	9.4 U	9.4 U	9.4 U	19 U	19 U	0.09 U	0.09 U	0.09 U	9.4 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U

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B120	09/09/2010	NA	4.7U	.9U	.9U	.9UJ	.9UJ	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/09/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	04/15/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/15/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/3/2012	48 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	0.1 U	9.6 U	9.6 U	0.1 U	9.6 U	9.6 U	9.6 U
B121	09/08/2010	NA	4.7U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/08/2010	NA	NA	NA	NA	NA	NA	NA	.048U	NA	NA	.048U	NA	NA	NA
	04/13/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4UJ	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/4/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.1 U	9.4 U	9.4 U	0.1 U	9.4 U	9.4 U	9.4 U
B128	09/23/2010	NA	5U	1U	1U	6.2	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/23/2010	NA	5U	1U	1U	1U	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/23/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	09/23/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/18/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/2/2012	48 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	0.09 U	9.6 U	9.6 U	0.09 U	9.6 U	9.6 U	9.6 U
B150	09/08/2010	NA	4.8U	1U	1U	1UJ	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/08/2010	NA	NA	NA	NA	NA	NA	NA	.048U	NA	NA	.048U	NA	NA	NA
	04/13/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U

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B150	04/13/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/05/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/05/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/4/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 UJ	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
	4/4/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B158	09/08/2010	NA	5U	1U	1U	1UJ	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/08/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	04/15/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/15/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/05/2011	47U	9.4U	9.4U	9.4U	2.4UJ	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/6/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B163	09/02/2010	NA	5U	1U	1U	5.7	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/02/2010	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	04/12/2011	47U	9.4U	9.4U	9.4U	9.4UJ	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	10/03/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/03/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/2/2012	48 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	0.09 U	9.6 U	9.6 U	0.09 U	9.6 U	9.6 U	9.6 U
B175S	09/03/2010	NA	4.7U	.9U	.9U	.9U	.9U	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/03/2010	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	04/13/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U

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B175S	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/4/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B175W	09/08/2010	NA	5U	1U	1U	1UJ	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/08/2010	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	04/13/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/4/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B177	09/23/2010	NA	4.7U	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/23/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/18/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	10/05/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/4/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B178	09/02/2010	NA	5U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/02/2010	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	04/15/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/15/2011	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/3/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B180	09/15/2010	NA	4.8U	1U	1U	1UJ	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/15/2010	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	04/13/2011	47U	9.4U	9.4U	9.4U	9.4UJ	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U

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B180	04/13/2011	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	10/06/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/06/2011	47U	9.4U	9.4U	9.4U	20UJ	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/4/2012	49 U	9.7 U	9.7 U	9.7 U	9.7 U	9.7 U	9.7 U	0.09 U	9.7 U	9.7 U	0.09 U	9.7 U	9.7 U	9.7 U
B185	09/02/2010	NA	4.7U	.9U	.9U	.5UJ	.9U	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/02/2010	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	04/15/2011	47U	9.4U	9.4U	9.4U	20UJ	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	4/2/2012	48 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	0.09 U	9.6 U	9.6 U	0.09 U	9.6 U	9.6 U	9.6 U
B194	09/09/2010	NA	4.7U	.9U	.9U	.9UJ	.9UJ	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/09/2010	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	04/13/2011	47U	9.4U	9.4U	9.4U	9.4UJ	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/4/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B195	09/09/2010	NA	4.7U	.9U	.9U	.9UJ	.9UJ	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/09/2010	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	04/13/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/3/2012	48 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	0.09 U	9.5 U	9.5 U	0.09 U	9.5 U	9.5 U	9.5 U

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B197	09/09/2010	NA	4.8U	1U	1U	1UJ	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/09/2010	NA	4.7U	.9U	.9U	.9UJ	.9UJ	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/09/2010	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	09/09/2010	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	04/13/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/3/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
	4/3/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.1 U	9.4 U	9.4 U	0.1 U	9.4 U	9.4 U	9.4 U
B277	09/15/2010	NA	5U	1U	1U	1UJ	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/15/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	04/18/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	10/05/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/3/2012	48 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	0.1 U	9.5 U	9.5 U	0.1 U	9.5 U	9.5 U	9.5 U
B278	09/16/2010	NA	5U	1U	1U	1UJ	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/16/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/14/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/06/2011	47U	9.4U	9.4U	9.4U	9.4UJ	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/3/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B280B	10/01/2010	NA	5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
	10/01/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA

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B280B	04/14/2011	50U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
	04/14/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/06/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/3/2012	48 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	0.1 U	9.5 U	9.5 U	0.1 U	9.5 U	9.5 U	9.5 U
B300	09/09/2010	NA	4.7U	.9U	.9U	.9UJ	.9UJ	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/09/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	04/15/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/15/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/06/2011	180J	73J	97U	97U	97U	97U	97U	NA	97U	97U	NA	97U	97U	97U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	.5U	NA	NA	.5U	NA	NA	NA
	4/9/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B38	09/15/2010	NA	5U	1U	1U	1UJ	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/15/2010	NA	NA	NA	NA	NA	NA	NA	.05UJ	NA	NA	.05UJ	NA	NA	NA
	04/19/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/06/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/4/2012	47 U	9.4 U	9.4 U	9.4 U	13 UJ	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B450	04/19/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/10/2011	48UJ	9.6UJ	9.6UJ	9.6UJ	9.6UJ	9.6UJ	9.6UJ	NA	9.6UJ	9.6UJ	NA	9.6UJ	9.6UJ	9.6UJ
	10/10/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/6/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 UJ	9.4 U	9.4 U	0.1 U	9.4 U	9.4 U	0.1 U	9.4 U	9.4 U	9.4 U

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Location ID	Sample Date	Benzoic Acid	Benzyl alcohol	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Chrysene	Di-n-butyl phthalate	Di-n-octyl phthalate	Dibenz(a,h)anthracene	Dibenzofuran	Diethyl phthalate	Dimethyl phthalate
B460	09/15/2010	NA	5U	1U	1U	1UJ	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/15/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/20/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/07/2011	48U	9.6U	9.6U	9.6U	9.6U	9.6U	9.6U	NA	9.6U	9.6U	NA	9.6U	9.6U	9.6U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/6/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 UJ	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B473	09/24/2010	NA	5U	1U	1U	.5J	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/24/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/20/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/07/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/6/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B474	09/23/2010	NA	5U	1U	1U	1U	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/23/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/20/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/07/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/9/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B480	09/24/2010	NA	5U	1U	1U	.8J	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/24/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/19/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/07/2011	48U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	NA	9.5U	9.5U	NA	9.5U	9.5U	9.5U

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B480	10/07/2011	NA	NA	NA	NA	NA	NA	NA	.1U	NA	NA	.1U	NA	NA	NA
	4/9/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
B490	09/16/2010	NA	5U	1U	1U	1UJ	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/16/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/20/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/10/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/10/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/9/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
BULB1	10/19/2010	NA	4.7U	.9U	.9U	.6UJ	.9U	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	10/19/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	04/12/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	09/30/2011	48U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	NA	9.5U	9.5U	NA	9.5U	9.5U	9.5U
	09/30/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/5/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
BULB2	10/19/2010	NA	5U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
	10/19/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/12/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	09/30/2011	47U	9.4U	9.4U	9.4U	19UJ	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	09/30/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/5/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.1 U	9.4 U	9.4 U	0.1 U	9.4 U	9.4 U	9.4 U
CCC1	09/08/2010	NA	4.7U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/08/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	04/14/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U

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CCC1	04/14/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/05/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/10/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
CCC2	09/08/2010	NA	4.8U	1U	1U	.6J	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/08/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	04/14/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	NA	NA	NA	NA	NA	NA	.1U	NA	NA	.1U	NA	NA	NA
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4UJ	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/10/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
CCC3	09/03/2010	NA	4.7U	.9U	.9U	.9U	.9U	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/03/2010	NA	4.7U	.9U	.9U	1UJ	.9U	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/03/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	09/03/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	04/12/2011	47U	9.4U	9.4U	9.4U	9.4UJ	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/10/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
CCCT	09/03/2010	NA	4.7U	.9U	.9U	.9U	.9U	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/03/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	04/18/2011	48U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	.1U	NA	NA	.1U	NA	NA	NA

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CCCT	10/03/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/03/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/4/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
CTP	09/30/2010	NA	5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
	09/30/2010	NA	5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
	09/30/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	09/30/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/14/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/06/2011	47U	9.4U	9.4U	9.4U	9.4UJ	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/3/2012	48 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	0.09 U	9.5 U	9.5 U	0.09 U	9.5 U	9.5 U	9.5 U
CTPS	10/01/2010	NA	6U	1.2U	1.2U	1.2U	1.2U	1.2U	1.2U	1.2U	1.2U	1.2U	1.2U	1.2U	1.2U
	10/18/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/19/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/07/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/10/2011	NA	NA	NA	NA	NA	NA	NA	.1U	NA	NA	.1U	NA	NA	NA
	4/5/2012	48 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	0.09 U	9.5 U	9.5 U	0.09 U	9.5 U	9.5 U	9.5 U
DH	09/30/2010	NA	5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
	09/30/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	04/14/2011	47U	9.4U	9.4U	9.4U	9.4UJ	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/05/2011	47U	9.4U	9.4U	9.4U	2.2UJ	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/6/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U

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EERC	10/01/2010	NA	5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	.6J	1U
	10/15/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/20/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/07/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	.1U	NA	NA	.1U	NA	NA	NA
	4/6/2012	48 U	9.5 U	9.5 U	9.5 U	9.5 UJ	9.5 U	9.5 U	0.09 U	9.5 U	9.5 U	0.09 U	9.5 U	9.5 U	9.5 U
EPA	09/16/2010	NA	5U	1U	1U	1UJ	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/16/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/19/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/06/2011	49U	9.8U	9.8U	9.8U	9.8UJ	9.8U	9.8U	NA	9.8U	9.8U	NA	9.8U	9.8U	9.8U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	.1U	NA	NA	.1U	NA	NA	NA
	4/6/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
	4/6/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
	09/24/2010	NA	4.7U	.9U	.9U	1.1	.9UJ	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
ETA	09/24/2010	NA	5U	1U	1U	.5J	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/24/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	09/24/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/12/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
ETA	09/30/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	09/30/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/10/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
	4/10/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
FG	09/23/2010	NA	5U	1U	1U	1U	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U

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FG	09/23/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/19/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	04/19/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/10/2011	48U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	NA	9.5U	9.5U	NA	9.5U	9.5U	9.5U
	10/10/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/9/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
GEO	09/03/2010	NA	4.7U	.9U	.9U	.9U	.9U	.9U	.9U	.9U	.9UJ	.9U	.9U	.9U	.9U
	09/03/2010	NA	NA	NA	NA	NA	NA	NA	.047U	NA	NA	.047U	NA	NA	NA
	04/20/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/06/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/6/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
MFA	09/24/2010	NA	5U	1U	1U	27	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/24/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/12/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/03/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/03/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/5/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
NRLF	09/16/2010	NA	4.8U	1U	1U	1UJ	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/16/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/20/2011	47U	9.4U	9.4U	9.4U	9.4UJ	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA

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NRLF	10/06/2011	48U	9.5U	9.5U	9.5U	9.5UJ	9.5U	9.5U	NA	9.5U	9.5U	NA	9.5U	9.5U	9.5U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/9/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
PZ11	10/01/2010	NA	5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
	10/01/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/20/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/10/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/10/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/5/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 UJ	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
PZ8	10/15/2010	NA	5U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
	10/15/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/18/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/04/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/04/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/3/2012	49 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	0.09 U	9.7 UJ	9.7 UJ	0.09 U	9.7 UJ	9.7 UJ	9.7 UJ
PZ9	09/24/2010	NA	5U	1U	1U	1U	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/24/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/20/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/07/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/07/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	.1U	NA	NA	.1U	NA	NA	NA
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/6/2012	47 U	9.4 U	9.4 U	9.4 UJ	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U

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RWF	09/15/2010	NA	5U	1U	1U	1UJ	1UJ	1U	1U	1U	1UJ	1U	1U	1U	1U
	09/15/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/18/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/06/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/06/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/4/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
TP1	09/29/2010	NA	5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
	09/29/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/18/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/07/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/5/2012	48 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	0.09 U	9.5 U	9.5 U	0.09 U	9.5 U	9.5 U	9.5 U
TP2	09/29/2010	NA	5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
	09/29/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/18/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/07/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/07/2011	NA	NA	NA	NA	NA	NA	NA	.1U	NA	NA	.1U	NA	NA	NA
	4/9/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
	4/9/2012	47 U	9.4 U	9.4 U	9.4 U	23 UJ	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U
WTA	09/30/2010	NA	5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
	09/30/2010	NA	NA	NA	NA	NA	NA	NA	.05U	NA	NA	.05U	NA	NA	NA
	04/14/2011	47U	9.4U	9.4U	9.4U	9.4UJ	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	47U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U

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WTA	04/14/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	04/14/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	10/05/2011	47U	9.4U	9.4U	9.4U	3.3UJ	9.4U	9.4U	NA	9.4U	9.4U	NA	9.4U	9.4U	9.4U
	10/05/2011	NA	NA	NA	NA	NA	NA	NA	.09U	NA	NA	.09U	NA	NA	NA
	4/5/2012	47 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U

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B120	09/09/2010	.9U	.9U	.9U	.9U	.9U	4.7UJ	.9U	.9U	.9U	.9U	NA	NA	.9U	.9U
	09/09/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	04/15/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/15/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/04/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/3/2012	NA	0.1 U	0.1 U	9.6 U	9.6 U	19 U	9.6 U	0.1 U	9.6 U	9.6 U	9.6 U	9.6 U	0.1 U	9.6 U
B121	09/08/2010	.9U	.9U	.9U	.9U	.9U	4.7U	.9U	.9U	.9U	.9U	NA	NA	.9U	.9UJ
	09/08/2010	NA	.048U	.048U	NA	NA	NA	NA	.048U	NA	NA	NA	NA	.048U	NA
	04/13/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/04/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/4/2012	NA	0.1 U	0.1 U	9.4 U	9.4 U	19 U	9.4 U	0.1 U	9.4 U	9.4 U	9.4 U	9.4 U	0.1 U	9.4 U
B128	09/23/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/23/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/23/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	09/23/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/18/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/04/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/2/2012	NA	0.09 U	0.09 U	9.6 U	9.6 U	19 U	9.6 U	0.09 U	9.6 U	9.6 U	9.6 U	9.6 U	0.09 U	9.6 U
B150	09/08/2010	1U	1U	1U	1U	1U	4.8U	1U	1U	1U	1U	NA	NA	1U	1U
	09/08/2010	NA	.048U	.048U	NA	NA	NA	NA	.048U	NA	NA	NA	NA	.048U	NA
	04/13/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U

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Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
B150	04/13/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/05/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/05/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/05/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/05/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/4/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
	4/4/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B158	09/08/2010	1U	1U	1U	1U	1U	5U	1U	1U	1U	1U	NA	NA	1U	1U
	09/08/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	04/15/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/15/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/05/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/05/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/6/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B163	09/02/2010	1U	1U	1U	1U	1U	5U	1U	1U	1U	1UJ	NA	NA	1U	1U
	09/02/2010	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	04/12/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	10/03/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/03/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/2/2012	NA	0.09 U	0.09 U	9.6 U	9.6 U	19 U	9.6 U	0.09 U	9.6 U	9.6 U	9.6 U	9.6 U	0.09 U	9.6 U
B175S	09/03/2010	.9U	.9U	.9U	.9U	.9U	4.7U	.9U	.9U	.9U	.9UJ	NA	NA	.9U	.9U
	09/03/2010	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	04/13/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U

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Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
B175S	10/04/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/4/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B175W	09/08/2010	1U	1U	1U	1U	1U	5U	1U	1U	1U	1U	NA	NA	1U	1U
	09/08/2010	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	04/13/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/04/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/4/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B177	09/23/2010	.9UJ	.9U	.9U	.9U	.9U	4.7UJ	.9U	.9U	.9U	.9U	NA	NA	.9U	.9U
	09/23/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/18/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	10/05/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/05/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/4/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B178	09/02/2010	1U	1U	1U	1U	1U	5U	1U	1U	1U	1UJ	NA	NA	1U	1U
	09/02/2010	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	04/15/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/15/2011	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/04/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/3/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B180	09/15/2010	1U	1U	1U	1U	1U	4.8UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/15/2010	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	04/13/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U

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Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
B180	04/13/2011	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	10/06/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/06/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/06/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/06/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/4/2012	NA	0.09 U	0.09 U	9.7 U	9.7 U	19 U	9.7 U	0.09 U	9.7 U	9.7 U	9.7 U	9.7 U	0.09 U	9.7 U
B185	09/02/2010	.9U	.9U	.9U	.9U	.9U	4.7U	.9U	.9U	.9U	.9UJ	NA	NA	.9U	.9U
	09/02/2010	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	04/15/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	4/2/2012	NA	0.09 U	0.09 U	9.6 U	9.6 U	19 U	9.6 U	0.09 U	9.6 U	9.6 U	9.6 U	9.6 U	0.09 U	9.6 U
B194	09/09/2010	.9U	.9U	.9U	.9U	.9U	4.7UJ	.9U	.9U	.9U	.9U	NA	NA	.9U	.9U
	09/09/2010	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	04/13/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/04/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/4/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B195	09/09/2010	.9U	.9U	.9U	.9U	.9U	4.7UJ	.9U	.9U	.9U	.9U	NA	NA	.9U	.9U
	09/09/2010	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	04/13/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	04/13/2011	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/04/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/3/2012	NA	0.09 U	0.09 U	9.5 U	9.5 U	19 U	9.5 U	0.09 U	9.5 U	9.5 U	9.5 U	9.5 U	0.09 U	9.5 U

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B197	09/09/2010	1U	1U	1U	1U	1U	4.8UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/09/2010	.9U	.9U	.9U	.9U	.9U	4.7UJ	.9U	.9U	.9U	.9U	NA	NA	.9U	.9U
	09/09/2010	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	09/09/2010	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	04/13/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/13/2011	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/04/2011	NA	.09UJ	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/3/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
	4/3/2012	NA	0.1 U	0.1 U	9.4 U	9.4 U	19 U	9.4 U	0.1 U	9.4 U	9.4 U	9.4 U	9.4 U	0.1 U	9.4 U
B277	09/15/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/15/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	04/18/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	10/05/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/05/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/3/2012	NA	0.1 U	0.1 U	9.5 U	9.5 U	19 U	9.5 U	0.1 U	9.5 U	9.5 U	9.5 U	9.5 U	0.1 U	9.5 U
B278	09/16/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1UJ
	09/16/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.035J	NA
	04/14/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/06/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/06/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/3/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B280B	10/01/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	10/01/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA

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Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
B280B	04/14/2011	NA	10U	10U	10U	10U	20U	10U	10U	10U	10U	10U	10U	10U	10U
	04/14/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/06/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/06/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/3/2012	NA	0.1 U	0.1 U	9.5 U	9.5 U	19 U	9.5 U	0.1 U	9.5 U	9.5 U	9.5 U	9.5 U	0.1 U	9.5 U
B300	09/09/2010	.9U	.9U	.9U	.9U	.9U	4.7UJ	.9U	.9U	.9U	.9U	NA	NA	.9U	.9U
	09/09/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	04/15/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/15/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/06/2011	NA	NA	NA	97U	97U	190U	97U	NA	97U	97U	97U	97U	NA	97U
	10/06/2011	NA	.5U	.5U	NA	NA	NA	NA	.5U	NA	NA	NA	NA	.5U	NA
	4/9/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.02 J	9.4 U
B38	09/15/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/15/2010	NA	.05UJ	.05UJ	NA	NA	NA	NA	.05UJ	NA	NA	NA	NA	.05UJ	NA
	04/19/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	04/19/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/06/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/06/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/4/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B450	04/19/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/10/2011	NA	NA	NA	9.6UJ	9.6UJ	19UJ	9.6UJ	NA	9.6UJ	9.6UJ	9.6UJ	9.6UJ	NA	9.6UJ
	10/10/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.02J	NA
	4/6/2012	NA	0.1 U	0.1 U	9.4 U	9.4 U	19 U	9.4 U	0.1 U	9.4 U	9.4 U	9.4 U	9.4 U	0.1 U	9.4 U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

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University of California, Berkeley, Richmond Field Station, Richmond, California

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Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
B460	09/15/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/15/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/20/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/07/2011	NA	NA	NA	9.6U	9.6U	19U	9.6U	NA	9.6U	9.6U	9.6U	9.6U	NA	9.6U
	10/07/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/6/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B473	09/24/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/24/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/20/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/07/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/07/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/6/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B474	09/23/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/23/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/20/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/07/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/07/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/9/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B480	09/24/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/24/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/19/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/07/2011	NA	NA	NA	9.5U	9.5U	19U	9.5U	NA	9.5U	9.5U	9.5U	9.5U	NA	9.5U

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Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
B480	10/07/2011	NA	.1U	.1U	NA	NA	NA	NA	.1U	NA	NA	NA	NA	.1U	NA
	4/9/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
B490	09/16/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/16/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/20/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/10/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/10/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/9/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
BULB1	10/19/2010	.9U	.9U	.9U	.9U	.9U	4.7UJ	.9U	.9U	.9U	.9U	NA	NA	.9U	.9U
	10/19/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	04/12/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	09/30/2011	NA	NA	NA	9.5U	9.5U	19U	9.5U	NA	9.5U	9.5U	9.5U	9.5U	NA	9.5U
	09/30/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/5/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
BULB2	10/19/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	10/19/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.19	NA
	04/12/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	09/30/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	09/30/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/5/2012	NA	0.1 U	0.1 U	9.4 U	9.4 U	19 U	9.4 U	0.1 U	9.4 U	9.4 U	9.4 U	9.4 U	0.1 U	9.4 U
CCC1	09/08/2010	.9U	.9U	.9U	.9U	.9U	4.7U	.9U	.9U	.9U	.9U	NA	NA	.9U	.9U
	09/08/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	04/14/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U

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Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
CCC1	04/14/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/05/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/05/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/10/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
CCC2	09/08/2010	1U	1U	1U	1U	1U	4.8U	1U	1U	1U	1U	NA	NA	1U	1U
	09/08/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	04/14/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	.1U	.1U	NA	NA	NA	NA	.1U	NA	NA	NA	NA	.1U	NA
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/04/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/10/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
CCC3	09/03/2010	.9U	.9U	.9U	.9U	.9U	4.7U	.9U	.9U	.9U	.9UJ	NA	NA	.9U	.9U
	09/03/2010	.9U	.9U	.9U	.9U	.9U	4.7U	.9U	.9U	.9U	.9UJ	NA	NA	.9U	.9U
	09/03/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	09/03/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	04/12/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/04/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/04/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/10/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
CCCT	09/03/2010	.9U	.9U	.9U	.9U	.9U	4.7U	.9U	.9U	.9U	.9UJ	NA	NA	.9U	.9U
	09/03/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	04/18/2011	NA	9.5U	9.5U	9.5U	9.5U	19U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U	9.5U
	04/18/2011	NA	.1U	.1U	NA	NA	NA	NA	.1U	NA	NA	NA	NA	.1U	NA

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Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
CCCT	10/03/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/03/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/4/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
CTP	09/30/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/30/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/30/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	09/30/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/14/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/06/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/06/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/3/2012	NA	0.09 U	0.09 U	9.5 U	9.5 U	19 U	9.5 U	0.09 U	9.5 U	9.5 U	9.5 U	9.5 U	0.09 U	9.5 U
CTPS	10/01/2010	1.2U	1.2U	1.2U	1.2U	1.2U	6UJ	1.2U	1.2U	1.2U	1.2U	NA	NA	1.2U	1.2U
	10/18/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/19/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/07/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/10/2011	NA	.1U	.1U	NA	NA	NA	NA	.1U	NA	NA	NA	NA	.02J	NA
	4/5/2012	NA	0.09 U	0.09 U	9.5 U	9.5 U	19 U	9.5 U	0.09 U	9.5 U	9.5 U	9.5 U	9.5 U	0.03 J	9.5 U
DH	09/30/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/30/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	04/14/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/05/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/05/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/6/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U

ATTACHMENT 2: SUMMARY OF COMPLETE ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

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University of California, Berkeley, Richmond Field Station, Richmond, California

SVOC AND PAH (ug/L)

Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
EERC	10/01/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	10/15/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/20/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/07/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/07/2011	NA	.1U	.1U	NA	NA	NA	NA	.1U	NA	NA	NA	NA	.1U	NA
	4/6/2012	NA	0.09 U	0.09 U	9.5 U	9.5 U	19 U	9.5 U	0.09 U	9.5 U	9.5 U	9.5 U	9.5 U	0.09 U	9.5 U
EPA	09/16/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/16/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.042J	NA
	04/19/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/06/2011	NA	NA	NA	9.8U	9.8U	20U	9.8U	NA	9.8U	9.8U	9.8U	9.8U	NA	9.8U
	10/06/2011	NA	.1U	.1U	NA	NA	NA	NA	.1U	NA	NA	NA	NA	.02J	NA
	4/6/2012	NA	0.04 J	0.03 J	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.4	9.4 U
	4/6/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
	09/24/2010	.9U	.9U	.9U	.9U	.9U	4.7UJ	.9U	.9U	.9U	.9U	NA	NA	.9U	.9U
ETA	09/24/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/24/2010	NA	.041J	.17	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	09/24/2010	NA	.035J	.16	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/12/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
ETA	09/30/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	09/30/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/10/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
	4/10/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
FG	09/23/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U

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SVOC AND PAH (ug/L)

Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
FG	09/23/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/19/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/19/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	04/19/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/10/2011	NA	NA	NA	9.5U	9.5U	19U	9.5U	NA	9.5U	9.5U	9.5U	9.5U	NA	9.5U
	10/10/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/9/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
GEO	09/03/2010	.9U	.9U	.9U	.9U	.9U	4.7U	.9U	.9U	.9U	.9UJ	NA	NA	.9U	.9U
	09/03/2010	NA	.047U	.047U	NA	NA	NA	NA	.047U	NA	NA	NA	NA	.047U	NA
	04/20/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/06/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/06/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/6/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
MFA	09/24/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/24/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/12/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/12/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/03/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/03/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/5/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
NRLF	09/16/2010	1U	1U	1U	1U	1U	4.8UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/16/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.029J	NA
	04/20/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA

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Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
NRLF	10/06/2011	NA	NA	NA	9.5U	9.5U	19U	9.5U	NA	9.5U	9.5U	9.5U	9.5U	NA	9.5U
	10/06/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/9/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
PZ11	10/01/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	10/01/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/20/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/10/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/10/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/5/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
PZ8	10/15/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	10/15/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/18/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/04/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/04/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/3/2012	NA	0.09 U	0.09 U	9.7 UJ	9.7 UJ	19 UJ	9.7 UJ	0.09 U	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	0.09 U	9.7 UJ
PZ9	09/24/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/24/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/20/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/07/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/07/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/07/2011	NA	.1U	.1U	NA	NA	NA	NA	.1U	NA	NA	NA	NA	.1U	NA
	10/07/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/6/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 UJ

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Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
RWF	09/15/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/15/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/18/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/06/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/06/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/4/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
TP1	09/29/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/29/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/18/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/07/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/07/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/5/2012	NA	0.09 U	0.09 U	9.5 U	9.5 U	19 U	9.5 U	0.09 U	9.5 U	9.5 U	9.5 U	9.5 U	0.09 U	9.5 U
TP2	09/29/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1U
	09/29/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/18/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/18/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/07/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/07/2011	NA	.1U	.1U	NA	NA	NA	NA	.1U	NA	NA	NA	NA	.1U	NA
	4/9/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
	4/9/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U
WTA	09/30/2010	1U	1U	1U	1U	1U	5UJ	1U	1U	1U	1U	NA	NA	1U	1UJ
	09/30/2010	NA	.05U	.05U	NA	NA	NA	NA	.05U	NA	NA	NA	NA	.05U	NA
	04/14/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U
	04/14/2011	NA	9.4U	9.4U	9.4U	9.4U	19U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U	9.4U

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Location ID	Sample Date	Diphenyl amine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	N-Niroso-Di-N-Propylamine	N-Nitrosodipropylamine	N-Nitrosodipropylamine (1)	Naphthalene	Nitrobenzene
WTA	04/14/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	04/14/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	10/05/2011	NA	NA	NA	9.4U	9.4U	19U	9.4U	NA	9.4U	9.4U	9.4U	9.4U	NA	9.4U
	10/05/2011	NA	.09U	.09U	NA	NA	NA	NA	.09U	NA	NA	NA	NA	.09U	NA
	4/5/2012	NA	0.09 U	0.09 U	9.4 U	9.4 U	19 U	9.4 U	0.09 U	9.4 U	9.4 U	9.4 U	9.4 U	0.09 U	9.4 U

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B120	09/09/2010	4.7U	.9U	4.7U	.9U
	09/09/2010	NA	.047U	NA	.047U
	04/15/2011	19U	9.4U	9.4U	9.4U
	04/15/2011	NA	.09U	NA	.09U
	10/04/2011	19U	NA	9.4U	NA
	10/04/2011	NA	.09U	NA	.09U
	4/3/2012	19 U	0.1 U	9.6 U	0.1 U
B121	09/08/2010	4.7U	.9U	4.7U	.9U
	09/08/2010	NA	.048U	NA	.048U
	04/13/2011	19U	9.4U	9.4U	9.4U
	04/13/2011	NA	.09U	NA	.09U
	10/04/2011	19U	NA	9.4U	NA
	10/04/2011	NA	.09U	NA	.09U
	4/4/2012	19 U	0.1 U	9.4 U	0.1 U
B128	09/23/2010	5U	1U	5U	1U
	09/23/2010	5U	1U	5U	1U
	09/23/2010	NA	.047U	NA	.047U
	09/23/2010	NA	.05U	NA	.05U
	04/18/2011	19U	9.4U	9.4U	9.4U
	04/18/2011	NA	.09U	NA	.09U
	10/04/2011	19U	NA	9.4U	NA
	10/04/2011	NA	.09U	NA	.09U
	4/2/2012	19 U	0.09 U	9.6 U	0.09 U
B150	09/08/2010	4.8U	1U	4.8U	1U
	09/08/2010	NA	.048U	NA	.048U
	04/13/2011	19U	9.4U	9.4U	9.4U

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B150	04/13/2011	NA	.09U	NA	.09U
	10/05/2011	19U	NA	9.4U	NA
	10/05/2011	19U	NA	9.4U	NA
	10/05/2011	NA	.09U	NA	.09U
	10/05/2011	NA	.09U	NA	.09U
	4/4/2012	19 U	0.09 U	9.4 U	0.09 U
	4/4/2012	19 U	0.09 U	9.4 U	0.09 U
B158	09/08/2010	5U	1U	5U	1U
	09/08/2010	NA	.047U	NA	.047U
	04/15/2011	19U	9.4U	9.4U	9.4U
	04/15/2011	NA	.09U	NA	.09U
	10/05/2011	19U	NA	9.4U	NA
	10/05/2011	NA	.09U	NA	.09U
	4/6/2012	19 U	0.09 U	9.4 U	0.09 U
B163	09/02/2010	5U	1U	5U	1U
	09/02/2010	NA	.09U	NA	.09U
	04/12/2011	19U	9.4U	9.4U	9.4U
	04/12/2011	NA	.047U	NA	.047U
	10/03/2011	19U	NA	9.4U	NA
	10/03/2011	NA	.09U	NA	.09U
	4/2/2012	19 U	0.09 U	9.6 U	0.09 U
B175S	09/03/2010	4.7U	.9U	4.7U	.9U
	09/03/2010	NA	.09U	NA	.09U
	04/13/2011	19U	9.4U	9.4U	9.4U
	04/13/2011	NA	.047U	NA	.047U
	10/04/2011	19U	NA	9.4U	NA

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B175S	10/04/2011	NA	.09U	NA	.09U
	4/4/2012	19 U	0.09 U	9.4 U	0.09 U
B175W	09/08/2010	5U	1U	5U	1U
	09/08/2010	NA	.09U	NA	.09U
	04/13/2011	19U	9.4U	9.4U	9.4U
	04/13/2011	NA	.047U	NA	.047U
	10/04/2011	19U	NA	9.4U	NA
	10/04/2011	NA	.09U	NA	.09U
	4/4/2012	19 U	0.09 U	9.4 U	0.09 U
B177	09/23/2010	4.7U	.9U	4.7U	.9U
	09/23/2010	NA	.05U	NA	.05U
	04/18/2011	19U	9.4U	9.4U	9.4U
	04/18/2011	NA	.047U	NA	.047U
	10/05/2011	19U	NA	9.4U	NA
	10/05/2011	NA	.09U	NA	.09U
	4/4/2012	19 U	0.09 U	9.4 U	0.09 U
B178	09/02/2010	5U	1U	5U	1U
	09/02/2010	NA	.09U	NA	.09U
	04/15/2011	19U	9.4U	9.4U	9.4U
	04/15/2011	NA	.05U	NA	.05U
	10/04/2011	19U	NA	9.4U	NA
	10/04/2011	NA	.09U	NA	.09U
	4/3/2012	19 U	0.09 U	9.4 U	0.09 U
B180	09/15/2010	4.8U	1U	4.8U	1U
	09/15/2010	NA	.09U	NA	.09U
	04/13/2011	19U	9.4U	9.4U	9.4U

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Location ID	Sample Date	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
B180	04/13/2011	NA	.05U	NA	.05U
	10/06/2011	19U	NA	9.4U	NA
	10/06/2011	19U	NA	9.4U	NA
	10/06/2011	NA	.09U	NA	.09U
	10/06/2011	NA	.09U	NA	.09U
	4/4/2012	19 U	0.09 U	9.7 U	0.09 U
B185	09/02/2010	4.7U	.9U	4.7U	.9U
	09/02/2010	NA	.09U	NA	.09U
	04/15/2011	19U	9.4U	9.4U	9.4U
	4/2/2012	19 U	0.09 U	9.6 U	0.09 U
B194	09/09/2010	4.7U	.9U	4.7U	.9U
	09/09/2010	NA	.09U	NA	.09U
	04/13/2011	19U	9.4U	9.4U	9.4U
	04/13/2011	NA	.09U	NA	.09U
	10/04/2011	19U	NA	9.4U	NA
	10/04/2011	NA	.09U	NA	.09U
	4/4/2012	19 U	0.09 U	9.4 U	0.09 U
B195	09/09/2010	4.7U	.9U	4.7U	.9U
	09/09/2010	NA	.09U	NA	.09U
	04/13/2011	19U	9.4U	9.4U	9.4U
	04/13/2011	19U	9.4U	9.4U	9.4U
	04/13/2011	NA	.047U	NA	.047U
	04/13/2011	NA	.047U	NA	.047U
	10/04/2011	19U	NA	9.4U	NA
	10/04/2011	NA	.09U	NA	.09U
	4/3/2012	19 U	0.09 U	9.5 U	0.09 U

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B197	09/09/2010	4.8U	1U	4.8U	1U
	09/09/2010	4.7U	.9U	4.7U	.9U
	09/09/2010	NA	.09U	NA	.09U
	09/09/2010	NA	.09U	NA	.09U
	04/13/2011	19U	9.4U	9.4U	9.4U
	04/13/2011	NA	.047U	NA	.047U
	10/04/2011	19U	NA	9.4U	NA
	10/04/2011	NA	.09U	NA	.09U
	4/3/2012	19 U	0.09 U	9.4 U	0.09 U
	4/3/2012	19 U	0.1 U	9.4 U	0.1 U
B277	09/15/2010	5U	1U	5U	1U
	09/15/2010	NA	.047U	NA	.047U
	04/18/2011	19U	9.4U	9.4U	9.4U
	04/18/2011	NA	.05U	NA	.05U
	10/05/2011	19U	NA	9.4U	NA
	10/05/2011	NA	.09U	NA	.09U
	4/3/2012	19 U	0.1 U	9.5 U	0.1 U
B278	09/16/2010	5U	1U	5U	1U
	09/16/2010	NA	.05U	NA	.05U
	04/14/2011	19U	9.4U	9.4U	9.4U
	04/14/2011	NA	.09U	NA	.09U
	10/06/2011	19U	NA	9.4U	NA
	10/06/2011	NA	.09U	NA	.09U
	4/3/2012	19 U	0.09 U	9.4 U	0.09 U
B280B	10/01/2010	5U	1U	5U	1U
	10/01/2010	NA	.05U	NA	.05U

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Location ID	Sample Date	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
B280B	04/14/2011	20U	10U	10U	10U
	04/14/2011	NA	.09U	NA	.09U
	10/06/2011	19U	NA	9.4U	NA
	10/06/2011	NA	.09U	NA	.09U
	4/3/2012	19 U	0.1 U	9.5 U	0.1 U
B300	09/09/2010	4.7U	.9U	4.7U	.9U
	09/09/2010	NA	.047U	NA	.047U
	04/15/2011	19U	9.4U	9.4U	9.4U
	04/15/2011	NA	.09U	NA	.09U
	10/06/2011	190U	NA	97U	NA
	10/06/2011	NA	.5U	NA	.5U
	4/9/2012	19 U	0.09 U	9.4 U	0.09 U
B38	09/15/2010	5U	1U	5U	1U
	09/15/2010	NA	.05UJ	NA	.05UJ
	04/19/2011	19U	9.4U	9.4U	9.4U
	04/19/2011	19U	9.4U	9.4U	9.4U
	04/19/2011	NA	.09U	NA	.09U
	04/19/2011	NA	.09U	NA	.09U
	10/06/2011	19U	NA	9.4U	NA
	10/06/2011	NA	.09U	NA	.09U
	4/4/2012	19 U	0.09 U	9.4 U	0.09 U
B450	04/19/2011	19U	9.4U	9.4U	9.4U
	04/19/2011	NA	.09U	NA	.09U
	10/10/2011	19UJ	NA	9.6UJ	NA
	10/10/2011	NA	.09U	NA	.09U
	4/6/2012	19 U	0.1 U	9.4 U	0.1 U

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Location ID	Sample Date	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
B460	09/15/2010	5U	1U	5U	1U
	09/15/2010	NA	.05U	NA	.05U
	04/20/2011	19U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	NA	.09UJ
	10/07/2011	19U	NA	9.6U	NA
	10/07/2011	NA	.09U	NA	.09U
	4/6/2012	19 U	0.09 U	9.4 U	0.09 U
B473	09/24/2010	5U	1U	5U	1U
	09/24/2010	NA	.05U	NA	.05U
	04/20/2011	19U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	NA	.09U
	10/07/2011	19U	NA	9.4U	NA
	10/07/2011	NA	.09U	NA	.09U
	4/6/2012	19 U	0.09 U	9.4 U	0.09 U
B474	09/23/2010	5U	1U	5U	1U
	09/23/2010	NA	.05U	NA	.05U
	04/20/2011	19U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	NA	.09U
	10/07/2011	19U	NA	9.4U	NA
	10/07/2011	NA	.09U	NA	.09U
	4/9/2012	19 U	0.09 U	9.4 U	0.09 U
B480	09/24/2010	5U	1U	5U	1U
	09/24/2010	NA	.05U	NA	.05U
	04/19/2011	19U	9.4U	9.4U	9.4U
	04/19/2011	NA	.09U	NA	.09U
	10/07/2011	19U	NA	9.5U	NA

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B480	10/07/2011	NA	.1U	NA	.1U
	4/9/2012	19 U	0.09 U	9.4 U	0.09 U
B490	09/16/2010	5U	1U	5U	1U
	09/16/2010	NA	.05U	NA	.05U
	04/20/2011	19U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	NA	.09U
	10/10/2011	19U	NA	9.4U	NA
	10/10/2011	NA	.09U	NA	.09U
	4/9/2012	19 U	0.09 U	9.4 U	0.09 U
BULB1	10/19/2010	4.7U	.9U	4.7U	.9U
	10/19/2010	NA	.047U	NA	.047U
	04/12/2011	19U	9.4U	9.4U	9.4U
	04/12/2011	NA	.09U	NA	.09U
	09/30/2011	19U	NA	9.5U	NA
	09/30/2011	NA	.09U	NA	.09U
	4/5/2012	19 U	0.09 U	9.4 U	0.09 U
BULB2	10/19/2010	5U	1U	5U	1U
	10/19/2010	NA	.05U	NA	.05U
	04/12/2011	19U	9.4U	9.4U	9.4U
	04/12/2011	NA	.09U	NA	.09U
	09/30/2011	19U	NA	9.4U	NA
	09/30/2011	NA	.09U	NA	.09U
	4/5/2012	19 U	0.1 U	9.4 U	0.1 U
CCC1	09/08/2010	4.7U	.9U	4.7U	.9U
	09/08/2010	NA	.047U	NA	.047U
	04/14/2011	19U	9.4U	9.4U	9.4U

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CCC1	04/14/2011	NA	.09U	NA	.09U
	10/05/2011	19U	NA	9.4U	NA
	10/05/2011	NA	.09U	NA	.09U
	4/10/2012	19 U	0.09 U	9.4 U	0.09 U
CCC2	09/08/2010	4.8U	1U	4.8U	1U
	09/08/2010	NA	.047U	NA	.047U
	04/14/2011	19U	9.4U	9.4U	9.4U
	04/14/2011	NA	.1U	NA	.1U
	10/04/2011	19U	NA	9.4U	NA
	10/04/2011	NA	.09U	NA	.09U
	4/10/2012	19 U	0.09 U	9.4 U	0.09 U
CCC3	09/03/2010	4.7U	.9U	4.7U	.9U
	09/03/2010	4.7U	.9U	4.7U	.9U
	09/03/2010	NA	.047U	NA	.047U
	09/03/2010	NA	.047U	NA	.047U
	04/12/2011	19U	9.4U	9.4U	9.4U
	04/12/2011	NA	.09U	NA	.09U
	10/04/2011	19U	NA	9.4U	NA
	10/04/2011	19U	NA	9.4U	NA
	10/04/2011	NA	.09U	NA	.09U
	10/04/2011	NA	.09U	NA	.09U
	4/10/2012	19 U	0.09 U	9.4 U	0.09 U
CCCT	09/03/2010	4.7U	.9U	4.7U	.9U
	09/03/2010	NA	.047U	NA	.047U
	04/18/2011	19U	9.5U	9.5U	9.5U
	04/18/2011	NA	.1U	NA	.1U

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CCCT	10/03/2011	19U	NA	9.4U	NA
	10/03/2011	NA	.09U	NA	.09U
	4/4/2012	19 U	0.09 U	9.4 U	0.09 U
CTP	09/30/2010	5U	1U	5U	1U
	09/30/2010	5U	1U	5U	1U
	09/30/2010	NA	.05U	NA	.05U
	09/30/2010	NA	.05U	NA	.05U
	04/14/2011	19U	9.4U	9.4U	9.4U
	04/14/2011	NA	.09U	NA	.09U
	10/06/2011	19U	NA	9.4U	NA
	10/06/2011	NA	.09U	NA	.09U
	4/3/2012	19 U	0.09 U	9.5 U	0.09 U
CTPS	10/01/2010	6U	1.2U	6U	1.2U
	10/18/2010	NA	.05U	NA	.05U
	04/19/2011	19U	9.4U	9.4U	9.4U
	04/19/2011	NA	.09U	NA	.09U
	10/07/2011	19U	NA	9.4U	NA
	10/10/2011	NA	.1U	NA	.1U
	4/5/2012	19 U	0.09 U	9.5 U	0.09 U
DH	09/30/2010	5U	1U	5U	1U
	09/30/2010	NA	.047U	NA	.047U
	04/14/2011	19U	9.4U	9.4U	9.4U
	04/14/2011	NA	.09U	NA	.09U
	10/05/2011	19U	NA	9.4U	NA
	10/05/2011	NA	.09U	NA	.09U
	4/6/2012	19 U	0.09 U	9.4 U	0.09 U

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EERC	10/01/2010	5U	1U	5U	1U
	10/15/2010	NA	.05U	NA	.05U
	04/20/2011	19U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	NA	.09U
	10/07/2011	19U	NA	9.4U	NA
	10/07/2011	NA	.1U	NA	.1U
	4/6/2012	19 U	0.09 U	9.5 U	0.09 U
EPA	09/16/2010	5U	1U	5U	1U
	09/16/2010	NA	.05U	NA	.05U
	04/19/2011	19U	9.4U	9.4U	9.4U
	04/19/2011	NA	.09U	NA	.09U
	10/06/2011	20U	NA	9.8U	NA
	10/06/2011	NA	.1U	NA	.1U
	4/6/2012	19 U	0.02 J	9.4 U	0.02 J
	4/6/2012	19 U	0.09 U	9.4 U	0.09 U
	09/24/2010	4.7U	.9U	4.7U	.9U
ETA	09/24/2010	5U	1U	5U	1U
	09/24/2010	NA	.05U	NA	.088
	09/24/2010	NA	.05U	NA	.074
	04/12/2011	19U	9.4U	9.4U	9.4U
	04/12/2011	NA	.09U	NA	.09U
ETA	09/30/2011	19U	NA	9.4U	NA
	09/30/2011	NA	.09U	NA	.04J
	4/10/2012	19 U	0.09 U	9.4 U	0.03 J
	4/10/2012	19 U	0.09 U	9.4 U	0.03 J
FG	09/23/2010	5U	1U	5U	1U

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FG	09/23/2010	NA	.05U	NA	.05U
	04/19/2011	19U	9.4U	9.4U	9.4U
	04/19/2011	19U	9.4U	9.4U	9.4U
	04/19/2011	NA	.09U	NA	.09U
	04/19/2011	NA	.09U	NA	.09U
	10/10/2011	19U	NA	9.5U	NA
	10/10/2011	NA	.09U	NA	.09U
	4/9/2012	19 U	0.09 U	9.4 U	0.09 U
GEO	09/03/2010	4.7U	.9U	4.7U	.9U
	09/03/2010	NA	.047U	NA	.047U
	04/20/2011	19U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	NA	.09UJ
	10/06/2011	19U	NA	9.4U	NA
	10/06/2011	NA	.09U	NA	.09U
	4/6/2012	19 U	0.09 U	9.4 U	0.09 U
MFA	09/24/2010	5U	1U	5U	1U
	09/24/2010	NA	.05U	NA	.05U
	04/12/2011	19U	9.4U	9.4U	9.4U
	04/12/2011	NA	.09U	NA	.09U
	10/03/2011	19U	NA	9.4U	NA
	10/03/2011	NA	.09U	NA	.09U
	4/5/2012	19 U	0.09 U	9.4 U	0.09 U
NRLF	09/16/2010	4.8U	1U	4.8U	1U
	09/16/2010	NA	.05U	NA	.05U
	04/20/2011	19U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	NA	.09UJ

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NRLF	10/06/2011	19U	NA	9.5U	NA
	10/06/2011	NA	.09U	NA	.09U
	4/9/2012	19 U	0.09 U	9.4 U	0.09 U
PZ11	10/01/2010	5U	1U	5U	1U
	10/01/2010	NA	.05U	NA	.05U
	04/20/2011	19U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	NA	.09U
	10/10/2011	19U	NA	9.4U	NA
	10/10/2011	NA	.09U	NA	.09U
	4/5/2012	19 U	0.09 U	9.4 U	0.09 U
PZ8	10/15/2010	5U	1U	5U	1U
	10/15/2010	NA	.05U	NA	.05U
	04/18/2011	19U	9.4U	9.4U	9.4U
	04/18/2011	NA	.09U	NA	.09U
	10/04/2011	19U	NA	9.4U	NA
	10/04/2011	NA	.09U	NA	.09U
	4/3/2012	19 UJ	0.09 U	9.7 UJ	0.09 U
PZ9	09/24/2010	5U	1U	5U	1U
	09/24/2010	NA	.05U	NA	.05U
	04/20/2011	19U	9.4U	9.4U	9.4U
	04/20/2011	NA	.09U	NA	.09UJ
	10/07/2011	19U	NA	9.4U	NA
	10/07/2011	19U	NA	9.4U	NA
	10/07/2011	NA	.1U	NA	.1U
	10/07/2011	NA	.09U	NA	.09U
	4/6/2012	19 U	0.09 U	9.4 U	0.09 U

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SVOC AND PAH (ug/L)

Location ID	Sample Date	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
RWF	09/15/2010	5U	1U	5U	1U
	09/15/2010	NA	.05U	NA	.05U
	04/18/2011	19U	9.4U	9.4U	9.4U
	04/18/2011	NA	.09U	NA	.09U
	10/06/2011	19U	NA	9.4U	NA
	10/06/2011	NA	.09U	NA	.09U
	4/4/2012	19 U	0.09 U	9.4 U	0.09 U
TP1	09/29/2010	5U	1U	5U	1U
	09/29/2010	NA	.05U	NA	.036UJ
	04/18/2011	19U	9.4U	9.4U	9.4U
	04/18/2011	NA	.09U	NA	.09U
	10/07/2011	19U	NA	9.4U	NA
	10/07/2011	NA	.09U	NA	.09U
	4/5/2012	19 U	0.09 U	9.5 U	0.09 U
TP2	09/29/2010	5U	1U	5U	1U
	09/29/2010	NA	.05U	NA	.05U
	04/18/2011	19U	9.4U	9.4U	9.4U
	04/18/2011	NA	.09U	NA	.09U
	10/07/2011	19U	NA	9.4U	NA
	10/07/2011	NA	.1U	NA	.1U
	4/9/2012	19 U	0.09 U	9.4 U	0.09 U
	4/9/2012	19 U	0.09 U	9.4 U	0.09 U
WTA	09/30/2010	5U	1U	5U	1U
	09/30/2010	NA	.05U	NA	.05U
	04/14/2011	19U	9.4U	9.4U	9.4U
	04/14/2011	19U	9.4U	9.4U	9.4U

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SVOC AND PAH (ug/L)

Location ID	Sample Date	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
WTA	04/14/2011	NA	.09U	NA	.09U
	04/14/2011	NA	.09U	NA	.09U
	10/05/2011	19U	NA	9.4U	NA
	10/05/2011	NA	.09U	NA	.09U
	4/5/2012	19 U	0.09 U	9.4 U	0.09 U

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		TPH (mg/L)			TDS (mg/L)
Location ID	Sample Date	DIESEL RANGE ORGANIC	MOTOR OIL	GASOLINE RANGE ORGANIC	TOTAL DISSOLVED SOILDS
B120	09/09/2010	.24U	.95U	.07Z	1900
	04/15/2011	.05U	.3U	.086	2510
	10/04/2011	.013J	.3U	.1YZ	2230
	4/3/2012	0.05 U	0.3 U	0.097 UJ	2190
B121	09/08/2010	.25U	1U	.05U	520
	04/13/2011	.05UJ	.3U	.05UJ	520
	10/04/2011	.05U	.3U	.05UJ	530
	4/4/2012	0.05 U	0.3 U	0.05 UJ	510
B128	09/23/2010	.25U	1U	.05U	800
	09/23/2010	.25U	1U	.05U	970
	04/18/2011	.05U	.3U	.05UJ	500
	10/04/2011	.028J	.3U	.05UJ	560
	4/2/2012	0.05 UJ	0.3 U	0.05 UJ	440
B128 DEEP	10/15/2010	NA	NA	NA	440
B150	09/08/2010	.24U	.95U	.05U	290
	04/13/2011	.05UJ	.3U	.05UJ	220
	10/05/2011	.05U	.3U	.05UJ	290
	10/05/2011	.05U	.3U	.05UJ	280
	4/4/2012	0.05 U	0.3 U	0.05 UJ	150
	4/4/2012	0.05 U	0.3 U	0.05 UJ	190
B158	09/08/2010	.24U	.95U	.05U	200
	04/15/2011	.05U	.3U	.05U	180
	10/05/2011	.05U	.3U	.05UJ	310
	4/6/2012	0.05 U	0.3 U	0.05 UJ	200
B163	09/02/2010	.2ZJ	1U	.046ZJ	2900
	04/12/2011	.05U	.3U	.064Y	2820
	10/03/2011	.011J	.3U	.062Z	2860
	4/2/2012	0.05 UJ	0.3 U	0.05 UJ	2700
B175S	09/03/2010	.24U	.95U	.05U	590
	04/13/2011	.053UJ	.3U	.05UJ	580
	10/04/2011	.017J	.3U	.05UJ	540

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Location ID	Sample Date	DIESEL RANGE ORGANIC	MOTOR OIL	GASOLINE RANGE ORGANIC	TOTAL DISSOLVED SOILDS
B175S	4/4/2012	0.05 U	0.3 U	0.05 UJ	550
B175W	09/08/2010	.25U	1U	.05U	270
	04/13/2011	.052UJ	.3U	.012UJ	270
	10/04/2011	.051Y	.091J	.05UJ	290
	4/4/2012	0.05 U	0.3 U	0.05 UJ	210
B177	09/23/2010	.24U	.95U	.05U	190
	04/18/2011	.05U	.3U	.05UJ	250
	10/05/2011	.05U	.3U	.05UJ	200
	4/4/2012	0.05 U	0.3 U	0.05 UJ	270
B178	09/02/2010	.25U	1U	.063Z	1800
	04/15/2011	.05U	.3U	.073UJ	2050
	10/04/2011	.05U	.3U	.12YZ	1810
	4/3/2012	0.011 J	0.3 U	0.094 UJ	2190
B180	09/15/2010	.25U	1U	.05U	360
	04/13/2011	.05UJ	.3U	.05UJ	330
	10/06/2011	.05U	.3U	.05UJ	350
	10/06/2011	.05U	.3U	.05UJ	350
	4/4/2012	0.05 U	0.3 U	0.05 UJ	260
B185	09/02/2010	.12ZJ	.95U	.036ZJ	1700
	04/15/2011	.05U	.3U	.05UJ	1630
	04/15/2011	.05U	.3U	.062UJ	1610
	10/03/2011	.05U	.3U	.055YZ	1670
	10/03/2011	.05U	.3U	.048J	1630
	4/2/2012	0.05 U	0.3 U	0.05 UJ	1670
B194	09/09/2010	.24U	.95U	.05U	670
	04/13/2011	.05UJ	.3U	.05UJ	660
	10/04/2011	.05U	.3U	.05UJ	630
	4/4/2012	0.05 U	0.3 U	0.05 UJ	570
B195	09/09/2010	.24U	.95U	.059ZJ	1600
	04/13/2011	.05UJ	.3U	.05UJ	570
	04/13/2011	.05UJ	.3U	.051Z	550

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		TPH (mg/L)			TDS (mg/L)
Location ID	Sample Date	DIESEL RANGE ORGANIC	MOTOR OIL	GASOLINE RANGE ORGANIC	TOTAL DISSOLVED SOILDS
B195	10/04/2011	.05U	.3U	.15YZ	1610
	4/3/2012	0.05 U	0.3 U	0.088 UJ	790
B197	09/09/2010	.25U	1U	.073Z	1500
	09/09/2010	.24U	.95U	.074Z	1500
	04/13/2011	.05UJ	.3U	.1YZ	2170
	10/04/2011	.05U	.3U	.11YZ	1560
	4/3/2012	0.05 U	0.3 U	0.092 UJ	2290
	4/3/2012	0.05 U	0.3 U	0.095 UJ	2240
B277	09/15/2010	.25U	1U	.05U	400
	04/18/2011	.05U	.3U	.05UJ	450
	10/05/2011	.05U	.3U	.05UJ	400
	4/3/2012	0.05 U	0.3 U	0.05 UJ	420
B278	09/16/2010	.25U	1U	.05U	2300
	04/19/2011	.05U	.3U	.019J	2050J
	10/05/2011	.05U	.3U	.05UJ	2250
	4/5/2012	0.01 J	0.3 U	0.05 UJ	NA
B280A	09/16/2010	.25U	1U	.05U	510
	04/14/2011	.05U	.3U	.05UJ	430
	10/06/2011	.05U	.3U	.05UJ	510
	4/3/2012	0.05 U	0.3 U	0.05 UJ	540
B280B	10/01/2010	.25U	1U	.05U	650
	04/14/2011	.05U	.3U	.05U	580
	10/06/2011	.05U	.3U	.05UJ	530
	4/3/2012	0.05 U	0.3 U	0.05 UJ	490
B300	09/09/2010	.24U	.95U	.05U	1100
	04/15/2011	.05U	.3U	.05U	2480
	10/06/2011	.33Y	.3U	.21YZ	580
	4/9/2012	0.0086 J	0.3 U	0.05 UJ	1680
B38	09/15/2010	.25U	1U	.05U	310
	04/19/2011	.05U	.3U	.05U	350
	04/19/2011	.05U	.3U	.05U	350

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		TPH (mg/L)			TDS (mg/L)
Location ID	Sample Date	DIESEL RANGE ORGANIC	MOTOR OIL	GASOLINE RANGE ORGANIC	TOTAL DISSOLVED SOILDS
B460	04/20/2011	.05U	.3U	.05UJ	320
	10/07/2011	.05U	.3U	.05UJ	320
	4/6/2012	0.05 U	0.3 U	0.05 UJ	270
B473	09/24/2010	.25U	1U	.05U	460
	04/20/2011	.05U	.3U	.05UJ	590
	10/07/2011	.05U	.3U	.05UJ	350
	4/6/2012	0.05 U	0.3 U	0.05 UJ	300
B474	09/23/2010	.37ZJ	1U	.049ZJ	430
	04/20/2011	.05U	.3U	.05U	420
	10/07/2011	.05U	.3U	.05UJ	130
	4/9/2012	0.05 U	0.3 U	0.05 UJ	250
B480	09/24/2010	.25U	1U	.05U	670
	04/19/2011	.014J	.3U	.019J	620
	10/07/2011	.05U	.3U	.05UJ	490
	4/9/2012	0.05 U	0.3 U	0.05 UJ	640
B480 DEEP	10/15/2010	NA	NA	NA	360
B490	09/16/2010	.25U	1U	.05U	540
	04/20/2011	.05U	.3U	.05U	560
	10/10/2011	.05U	.3U	.05UJ	270
	4/9/2012	0.008 J	0.3 U	0.05 UJ	550
BULB1	10/19/2010	.24U	.94U	.038J	25000
	04/12/2011	.05U	.3U	.05UJ	22800
	09/30/2011	.05U	.3U	.05UJ	27600
	4/5/2012	0.05 U	0.3 U	0.05 UJ	NA
BULB2	10/19/2010	.17ZJ	1U	.077	5900
	04/12/2011	.0078J	.3U	.05UJ	1530
	09/30/2011	.05U	.3U	.05UJ	930
	4/5/2012	0.013 J	0.3 U	0.05 UJ	NA
CCC1	09/08/2010	.24U	.95U	.05U	440
	04/14/2011	.05UJ	.3U	.05U	520
	10/05/2011	.012J	.3U	.05UJ	510

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		TPH (mg/L)			TDS (mg/L)
Location ID	Sample Date	DIESEL RANGE ORGANIC	MOTOR OIL	GASOLINE RANGE ORGANIC	TOTAL DISSOLVED SOILDS
CCC3	04/12/2011	.05U	.3U	.05UJ	720
	10/04/2011	.018J	.3U	.05UJ	700
	10/04/2011	.05U	.3U	.05UJ	710
	4/10/2012	0.049 U	0.29 U	0.05 UJ	740
CCCT	09/03/2010	.24U	.94U	.038ZJ	1100
	04/18/2011	.05U	.3U	.055UJ	1110
	10/03/2011	.05U	.3U	.046JYZ	1120
	4/4/2012	0.05 U	0.3 U	0.054 UJ	1240
CTP	09/30/2010	.25U	1U	.05U	490
	09/30/2010	.25U	1U	.05U	500
	04/14/2011	.05U	.3U	.05UJ	480
	10/06/2011	.05U	.3U	.05UJ	480
	4/3/2012	0.05 U	0.3 U	0.05 UJ	540
CTP DEEP	10/15/2010	NA	NA	NA	370
CTPS	09/30/2010	NA	NA	.05U	NA
	10/18/2010	NA	NA	NA	NA
	04/19/2011	.05U	.3U	.013J	520
	10/07/2011	.05U	.3U	.05UJ	500
	4/5/2012	0.013 J	0.3 U	0.05 UJ	NA
DH	09/30/2010	.25U	1U	.05U	5500
	04/14/2011	.05UJ	.3U	.05UJ	5350
	10/05/2011	.05U	.3U	.05UJ	7480
	4/6/2012	0.0085 J	0.3 U	0.05 UJ	4580
EERC	10/01/2010	.16J	1U	.05U	NA
	10/15/2010	NA	NA	NA	4800
	04/20/2011	.05U	.3U	.05UJ	4260
	10/07/2011	.05U	.3U	.05UJ	3530
	4/6/2012	0.05 U	0.3 U	0.05 UJ	4190
EPA	09/16/2010	.25U	1U	.05U	710
	04/19/2011	.05U	.3U	.013J	950
	10/06/2011	.012UJ	.3U	.05UJ	950

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		TPH (mg/L)			TDS (mg/L)
Location ID	Sample Date	DIESEL RANGE ORGANIC	MOTOR OIL	GASOLINE RANGE ORGANIC	TOTAL DISSOLVED SOILDS
ETA	4/10/2012	0.049 U	0.29 U	0.05 UJ	1510
FG	09/23/2010	.25U	1U	.05U	1300
	04/19/2011	.05U	.3U	.021J	590
	04/19/2011	.05U	.3U	.016J	580
	10/10/2011	.05UJ	.3UJ	.05UJ	800
	4/9/2012	0.05 U	0.3 U	0.05 UJ	500
GEO	09/03/2010	.24U	.95U	.05U	510
	04/20/2011	.05U	.3U	.05UJ	560
	10/06/2011	.05U	.3U	.05UJ	520
	4/6/2012	0.05 U	0.3 U	0.05 UJ	570
MFA	09/24/2010	.25U	1U	.05U	900
	04/12/2011	.05U	.3U	.05UJ	640
	10/03/2011	.036J	.3U	.05UJ	930
	4/5/2012	0.05 U	0.3 U	0.05 UJ	NA
NRLF	09/16/2010	.12ZJ	1U	.041ZJ	400
	04/20/2011	.05U	.3U	.05UJ	560
	10/06/2011	.05U	.3U	.05UJ	420
	4/9/2012	0.05 U	0.3 U	0.05 UJ	430
PZ11	10/01/2010	.25U	1U	.31ZJ	2500
	04/20/2011	.05U	.3U	.05UJ	2930
	10/10/2011	.05U	.3U	.21YZJ	3090
	4/5/2012	0.05 U	0.3 U	0.05 UJ	NA
PZ8	10/15/2010	0.05 U	0.3 U	0.05 U	510
	04/18/2011	0.05 U	0.3 U	0.022 J	480
	10/04/2011	0.05 U	0.3 U	0.05 U	540
	4/3/2012	0.05 U	0.3 U	0.05 UJ	560
PZ9	09/24/2010	0.05 U	0.3 U	0.05 U	400
	04/20/2011	0.05 U	0.13 J	0.026 J	370
	10/07/2011	0.05 U	0.3 U	0.025 J	340
	4/6/2012	0.05 U	0.3 U	0.05 UJ	450
RWF	09/15/2010	.24U	.95U	.05U	720

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		TPH (mg/L)			TDS (mg/L)
Location ID	Sample Date	DIESEL RANGE ORGANIC	MOTOR OIL	GASOLINE RANGE ORGANIC	TOTAL DISSOLVED SOILDS
RWF	04/18/2011	.05U	.3U	.05UJ	780
	10/06/2011	.05U	.3U	.05UJ	760
	4/4/2012	0.05 U	0.3 U	0.05 UJ	720
TP1	09/29/2010	.24U	.95U	.05U	720
	04/18/2011	.05U	.3U	.05UJ	1770
	10/07/2011	.05U	.3U	.05UJ	750
WTA	04/14/2011	.05UJ	.3U	.05UJ	1010
	04/14/2011	.05UJ	.3U	.05U	1020
	10/05/2011	.05U	.3U	.05UJ	1050
	4/5/2012	0.0099 J	0.3 U	0.05 UJ	NA