TETRA TECH EM INC.

January 20, 2012

Lynn Nakashima
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Department of Toxic Substances Control
700 Heinz Avenue
Berkeley, CA 94710

Subject: **Phase II Sampling Results Technical Memorandum**
University of California, Berkeley, Richmond Field Station, Richmond, California

Dear Ms Nakashima:

Please find enclosed the January 20, 2012 Draft Phase II Sampling Results Technical Memorandum (two copes on paper and disc). Tetra Tech EM Inc. (Tetra Tech) was contracted to conduct soil sampling activities at the Richmond Field Station (RFS) to investigate areas where historical activities may have adversely impacted soil conditions including current and former transformer locations, the Corporation Yard along the eastern property boundary, and ASTs. Based on a review of the data gaps and a May 12, 2011 site walk with DTSC staff, sampling locations were placed at strategic locations to determine potential impacts to surface soil from previous site activities.

This technical memorandum presents a summary of the sampling activities and data collected during the investigation which are presented in tables and figures following the report. The tables contain state and federal screening levels; these criteria were identified to help evaluate the analytical results and are solely intended to provide a baseline and are not intended to represent remedial or cleanup criteria or triggers for further sampling.

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:
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Draft

Phase II Sampling Results Technical Memorandum

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

Prepared for
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January 20, 2012

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ACRONYMS AND ABBREVIATIONS

AST	Above ground storage tank
Bay Trail	East Bay Regional Park District Trail
bgs	Below ground surface
CCCT	California Cap Company Transformer
CHHSL	California Human Health Screening Level
DQO	Data quality objective
DTSC	Department of Toxic Substances Control
EERC	Earthquake Engineering Research Center
EMF	Electromagnetic field
EPA	U.S. Environmental Protection Agency
FSP	Field Sampling Plan
FSW	Field Sampling Workplan
1,2,7,8,9-HXCDF	1,2,3,7,8,9-Hexachlorodibenzofuran
IDW	Investigation-derived waste
J	Estimated value
LCS	Laboratory control sample
MDL	Method detection level
mg/kg	Milligrams per kilogram
MS	Matrix spike
MSD	Matrix spike supplicate
Order	DTSC Site Investigation and Remediation Order No. IS/E-RAO 06/07-004
1,2,3,7,8-PECDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin
1,2,3,7,8-PECDF	1,2,3,7,8-Tetrachlorodibenzofuran
PAH	Polycyclic aromatic hydrocarbons
PCB	Polychlorinated biphenyl
PID	Photoionization detector
ppm	Parts per million
QA	Quality assurance
QAPP	Quality Assurance Project Plan
QC	Quality control
QL	Quantitation limit
R	Invalid data
RFS	Richmond Field Station
RSL	Regional Screening Level

SVOC	Semivolatile organic compounds
2,3,7,8-TCDD	2,3,7,8-Tetrachlorodibenzo-p-dioxin
TCE	Trichloroethylene
TEF	Toxic Equivalence Factor
TEQ	Toxic Equivalence Quotient
Tetra Tech	Tetra Tech EM Inc.
TPH-e	Total extractable petroleum hydrocarbons
TPH-p	Total purgeable petroleum hydrocarbons
TSCA	Toxic Substance Control Act
U	Not detected
UC Berkeley	University of California, Berkeley
UJ	Not detected at an estimated value
VOC	Volatile organic compound

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 (Order), dated September 15, 2006. This memorandum describes the results of the field investigation completed according to the Field Sampling Workplan (FSW) Phase II Sampling Plan, dated September 12, 2011 (Tetra Tech EM Inc. [Tetra Tech] 2011b). The objective of the Phase II FSW investigation is 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 sampling strategy for Phase II included the investigation of current and former transformer locations, the Corporation Yard along the eastern property boundary, and aboveground storage tanks (AST).

This memorandum presents the sampling results from the Phase II investigation, including a summary of field activities, data quality assessment, data evaluation, and figures and tables summarizing results of detected concentrations. Attachment 1 provides complete analytical results.

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). The RFS consists of upland areas developed for academic teaching and research activities, 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.

The RFS is described in terms of types of habitat because future uses and potential receptors vary by the type of habitat available. 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 (Bay 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). The proposed Phase II sampling locations are all located in the Upland Area.

The RFS consists of a number of distinct and varied habitats resulting from both natural and manmade activities. The Upland Area consists of numerous research facilities, with their associated out-buildings surrounded by landscaped trees and plants. The eastern and central portions of the Upland Area are largely developed and few natural ecological conditions exist. The western portion of the Upland Area contains one of the largest and best-preserved remaining areas of native coastal grasslands once prevalent throughout the San Francisco Bay Area, referred to as the Coastal Terrace Prairie (see Figure 2). The Transition Area and small patches to the southwest of the U.S. Environmental Protection Agency (EPA) Region 9 Laboratory consist of mainly coastal scrub and mixed ruderal scrub. Most of the coastal scrub habitat in the Transition Area is disturbed and intermixed with non-native invasive grasses and forbs. The southern portion of the RFS is the least developed and consists of a low salt marsh, middle salt marsh, high salt marsh, and tidal wetlands. The plants observed in this area include both native and non-native species and attract a variety of special-status species birds such as the California clapper rail (*Rallus longirostris obsoletus*). No sampling occurred in the three main areas of ecological interest: the Coastal Terrace Prairie, Transition Area, and Western Stege Marsh.

1.2 INVESTIGATION PURPOSE

Section 5.3.1 of the Order requires preparation of an FSW to conduct site investigations to address data gaps identified in the Current Conditions Report that warrant additional characterization or evaluation at the RFS. The FSW, dated June 2, 2010, outlined five phases of planned field investigations to address these data gaps. The FSW was intended as a site-wide document to cover all phases of the investigation and included a site-wide project background, objectives, conceptual site model, schedule, a Quality Assurance Project Plan (QAPP), and a facility-wide Health and Safety Plan.

The FSW was also intended as the Field Sampling Plan (FSP) for Phase I, a site-wide groundwater investigation. The Phase I FSW field effort consisted of the installation and sampling of 51 piezometers throughout the RFS. Data collected from the installed and developed piezometers included chemical groundwater samples, geology, and depth to water measurements, and was used to develop a hydrogeologic model of the site and improve the understanding of overall site-wide groundwater quality.

Following the Phase I investigation, several data gaps identified in the Current Conditions Report were included in the scope of Phase II. Consistent with the phased approach for the site-wide investigation presented in the FSW, the Phase II investigation included areas where historical activities may have adversely impacted soil conditions including current and former transformer locations, the Corporation Yard along the eastern property boundary, and ASTs. Based on a review of the data gaps and a May 12, 2011 site walk with DTSC staff, sampling locations were placed at strategic locations to determine potential impacts to surface soil from previous site activities.

The data gap associated with historic transformer locations concerned the potential for polychlorinated biphenyl (PCB) contamination in the shallow soil caused by spills when transformer oil was either maintained or removed. The Phase II sampling addressed the concerns of a potential direct release to soil. Although no documentation of spills was uncovered and some oil-filled transformers were not documented as PCB-containing, all areas where an oil-filled transformer was located were sampled.

The Corporation Yard has been used by the RFS Facilities Maintenance Department for chemical and equipment storage. In the 1989 Ensco Environmental Services, Inc. report, there was documentation of drums stacked near Building 120. Additionally, volatile organic compounds (VOC) were detected in the shallow groundwater (Tetra Tech 2011a) along the eastern property boundary during the Phase I FSW groundwater investigation. Sampling locations in the Corporation Yard were chosen to give broad coverage to characterize this area and help confirm or deny if there was a direct release from historical maintenance or chemical storage that could be a source of VOC contamination to groundwater.

The on-site ASTs are in good condition and there is no documentation of spills associated with the ASTs. During the May 12, 2011 site walk with DTSC, the ground surface underneath and surrounding each AST was visually inspected for visible signs of staining or releases and DTSC agreed that no sampling was required. However, during the site walk, one area of stained soil beneath the hydraulic fluid line in the Earthquake Engineering Research Center (EERC) courtyard was noted, and DTSC requested sampling to characterize the area. Because these hydraulic fluid lines are associated with an AST, it was included in the AST investigation to close this as a data gap.

2.0 FIELD ACTIVITIES

The sampling strategy for Phase II consisted of soil sampling to investigate former transformer locations, the corporation yard, and AST locations. Sampling locations, depths, and analyses are presented in Table 1.

2.1 UTILITY CLEARANCE

Prior to any subsurface disturbance, the sampling locations in the Corporation Yard were located and marked with either a spray paint or stakes, depending upon the ground surface. Utility clearance included contacting Underground Service Alert to inform them that digging would occur and obtaining a dig ticket, as well as contracting Precision Locating to locate any underground utilities in the vicinity of the proposed sampling locations using electromagnetic field (EMF) detectors. Tetra Tech accompanied the utility locator, helping to identify the sampling locations, as well as providing existing utility maps to mark known utility locations. Once an underground utility was detected, its estimated location and bearing were marked with spray paint.

The transformer and EERC sampling locations did not require utility location as these locations were to be sampled from 0 to 2 feet below ground surface (bgs) using a hand auger.

2.2 HAND AUGERING AND SAMPLING

The sampling strategy for Phase II consisted of discrete sampling locations around former transformers to assess the PCB transformer data gap, sampling 12 locations within the Corporation Yard at varying depths to assess possible impacts from historical site activities, and two locations in the EERC courtyard to assess the stained soil beneath the hydraulic fluid lines. All samples collected as part of the Phase II soil investigation were collected using hand augers in accordance with the QAPP (Tetra Tech 2010). Tetra Tech contracted with RSI Drilling, Inc. to complete sampling at 43 locations to 2 feet bgs for the transformer and EERC locations, and 12 locations to 6.5 feet bgs in the Corporation Yard. Sampling occurred between October 26 and October 29, 2011. All samples were submitted to Emax Laboratory in Torrance, California for analysis of metals, pesticides, PCBs, semivolatile organic compounds (SVOC), polycyclic aromatic hydrocarbons (PAH), total extractable petroleum hydrocarbons (TPH-e), total purgeable petroleum hydrocarbons (TPH-p), and dioxins/furans.

2.2.1 PCB-Containing Transformers

Discrete sampling locations were identified at historical transformer locations during a site walk with DTSC on May 12, 2011. Locations were chosen based on current conditions and the former placement of the transformers (historically some were elevated on poles or platforms while others were located on a slab on grade). Based on the configuration and number of transformers, between three and six sampling locations were identified at each transformer site, shown on Figure 3. At each sampling location, a hand auger was used to collect soil one sample between 0 and 0.5 foot bgs and one sample between 1.5 and 2 feet bgs. Tetra Tech directed the drillers to decontaminate the hand augers before the top sample was collected at each location, and again when they reached 1.5 feet bgs (before the second sample was collected to reduce the possibility

of cross contamination between sampling depths). All soil samples collected at the transformer locations were submitted for analysis of PCBs as Aroclors. Additionally the samples collected at the California Cap Company Transformer (CCCT) house (locations CCCT01 to CCCT04 and CCCT06) were analyzed for metals, pesticides, SVOCs, TPH-e, TPH-p, PAHs, and VOCs to address the unknown conditions at the area.

During the sampling event, the drillers hit a concrete pad under the elevated platform at the transformer locations directly east of Building 128 (see Inset 7 of Figure 3). Sampling location B12802 was therefore moved approximately 1.5 feet south of the original location chosen during the DTSC site walk where it was determined that the pad ended and the samples could be collected. At the CCCT house locations, there is the visible outline of a foundation (a 5-foot square) with dirt in the center (see Inset 9 of Figure 3). The FSP proposed collecting two samples within the footprint of the visible foundation and four locations surrounding the footprint. The drillers attempted to hand auger the locations within the footprint of the former transformer house; however, the augers could not be advanced beyond 1 foot bgs. The drillers tried to hand auger at multiple locations, but were unable to penetrate deeper than 1 foot bgs. It was assumed that the concrete forms the foundation of the CCCT house and the soil currently visible is a result of later grading or deposition within the footprint of the foundation. The sample collected from 0 to 0.5 foot bgs at location CCCT06 was sent to the laboratory for analysis to characterize the shallow soil deposition within the foundation footprint; no samples were collected from location CCCT03, also located within the footprint of the former transformer house. Pyrite cinders were noted in the area and in shallow borings at locations CCCT02 and CCCT05.

The Phase II FSW stated that if visual inspection of soil revealed stained or oily soils, samples would be collected and analyzed for TPH-e and TPH-p. No oily or stained soils were noted during the transformer sampling.

2.2.2 Corporation Yard

Twelve discrete sampling locations were identified in the Corporation Yard during a site walk with DTSC staff on May 12, 2011. Locations were chosen to provide broad coverage of the area and provided focused sampling near Buildings 117, 120, and 197 (see Figure 4). Surface conditions varied at the Corporation Yard sampling locations, consisting of uncovered dirt, concrete, and compacted gravel. The ground surface at sample locations CY01, CY03, CY05, CY06, and CY11 were located in soil; sample locations CY02 and CY08 were covered in concrete; CY04, CY07, CY09, CY10, and CY11 were covered in compacted gravel. The concrete was approximately 8 inches thick, which was drilled through with a concrete cutter; the gravel was 0.5 to 1 foot thick and was scraped away with a backhoe to uncover native dirt. At each of the 12 locations, samples were collected between 0 to 0.5 foot bgs, 2 to 2.5 feet bgs, 4 to 4.5 feet bgs, and 6 to 6.5 feet bgs with the “top of surface” defined at the start of soil (below the concrete or gravel).

Before sampling began, depth to groundwater measurements were recorded at the four recently installed piezometer locations in the Corporation Yard to estimate the anticipated depth to groundwater at the sampling locations. The soil sampling for this investigation was targeted in the vadose zone soil above the groundwater table. Based on the recorded depth to groundwater measurements, the 6 to 6.5 foot bgs sample was not collected at locations CY09, CY10, CY11, or CY12.

All soil samples collected at the Corporation Yard were analyzed for metals, pesticides, PCBs, SVOCs, TPH-e, TPH-p, PAHs, and VOCs. Additionally, at locations CY04, CY05, and CY06 the shallow soil sample (0 to 0.5 foot below gravel) was analyzed for dioxins to assess whether the former incinerator at Building 120 impacted the surrounding area.

The field sampling crew took readings from a photoionization detector (PID) of the soil cuttings from the hand auger during the sampling process. The Phase II FSW stated that an additional soil sample would be collected from any depth with a PID reading higher than 50 parts per million (ppm). No PID readings collected exceeded 50 ppm.

Pyrite cinders were noted in four of the 12 borings: CY05 in the shallowest interval and in CY09, CY10, and CY12 from 0 to 2.5 feet bgs.

2.2.3 AST

All current ASTs, including the underlying and surrounding ground surfaces, were visually inspected during the site walk with the DTSC staff on May 12, 2011. Based on the observation during the site walk, no additional sampling was proposed for any of the AST locations. One area of stained soil was noted below the hydraulic fluid pipeline at the EERC near Building 420 (see Inset 4 of Figure 3). In this area, two sampling locations were identified and a hand auger was used to collect soil between 0 and 0.5 foot bgs and 1.5 and 2 feet bgs. Tetra Tech directed the drillers to decontaminate the hand augers before the top sample was collected at each location, and again when they reached 1.5 feet bgs (before the second sample was collected to reduce the possibility of cross contamination between sampling depths). All soil samples collected from the EERC courtyard were submitted for analysis of SVOCs, TPH-e, TPH-p, and PAHs.

2.3 WASTE CHARACTERIZATION AND DISPOSAL

All investigation-derived waste (IDW) created during the field effort was drummed, labeled, and moved to a fenced storage location west of Building 110. The IDW consisted of two 55-gallon drums containing soil cuttings from sampling locations and one 55-gallon drum containing equipment decontamination water. The soil IDW was profiled using the samples collected and analyzed as part of the field sampling effort, and the water was characterized and profiled using a grab sample collected from the drum on November 10, 2011. The three drums will be disposed of appropriately at an off-site facility and the facility information will be provided to DTSC following disposal.

3.0 DATA QUALITY ASSESSMENT

3.1 DATA QUALITY OBJECTIVES

Data quality objectives (DQO) were developed during the FSW planning process to help ensure the collection of data appropriate for support of defensible decisions. The DQOs stated the need for sampling data from the historical transformer locations, the Corporation Yard, and current AST locations to assess whether historical activities have affected soil conditions. This objective was achieved through strategic placement of soil sampling locations with DTSC during the May 12, 2011 site walk; sample locations were chosen to give broad coverage of the targeted areas as well as to target specific locations of known or possible contamination, such as the Building 128 transformer location, the area surrounding Building 120, and the soil beneath the hydraulic fluid pipeline in the EERC courtyard. Additionally, the chemical data collected improved overall site knowledge of areas identified as data gaps as well as areas previously uncharacterized. All locations were sampled according to the sampling plan and QAPP in the FSW (Tetra Tech 2010). The analytical data achieved appropriate method detection levels (MDL) to be compared with relevant state and federal criteria and are presented below, along with comparisons to the collected data.

3.2 LABORATORY DATA REVIEW

Assignment of data qualification flags for analytical data from Emax Laboratory conformed to 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 to be 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 to be 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).

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 qualifiers. 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.

3.3 DATA QUALITY REVIEW FINDINGS

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) recoveries resulted in qualification of results as "estimated" ("J") for barium, chromium, nickel, vanadium, and zinc in one sample, cobalt and copper in two samples, and antimony in three samples.

- The relative percent difference percentages between the MS and matrix spike duplicate (MSD) resulted in qualification of results as estimated ("J") for barium, cobalt, and nickel results in one sample.

- 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 the MDL but below the QL; however, detected results below the QL are considered quantitatively uncertain. Approximately 16 percent of the inorganic 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:

- Surrogate recoveries resulted in qualification of results as estimated ("J") for diesel and motor oil range organic results in one sample.

- Abundance ratios resulted in qualification of results as estimated ("J") 1,2,3,7,8,9-hexachlorodibenzofuran(HXCDF) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in 2 samples, and 1,2,3,7,8-pentachlorodibenzo-p-dioxin (PECDD) and 1,2,3,7,8-tetrachlorodibenzofuran (PECDF) in one sample.

- Nine endrin aldehyde results were "J" qualified as estimated due to calibration QC violations in multiple samples. Less than 1 percent of all the organic data was qualified due to these criteria violations.

- Due to laboratory blank contamination, acetone results in two samples and methylene chloride results in 14 samples, are considered nondetect and "UJ" qualified. Less than 1 percent of the organic soil 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 the MDL but below the QL; however, detected results below the QL are considered quantitatively uncertain. Less than 2 percent of the organic soil data was affected.

Although some qualifiers were added to the data, a final review of the data set against the EPA data quality parameters indicated that the data are of high overall quality. The data meet all the requirements of the precision, accuracy, representativeness, completeness, and comparability described in EPA guidance for quality assurance project plans and the FSW QAPP (EPA 2002, Tetra Tech 2010) and are usable for meeting the project data quality objectives and future risk assessments. The overall assessment of the sampling program, quality assurance and quality control data, and data review indicates the data from this investigation are of acceptable precision, accuracy, representativeness, completeness, and comparability.

3.4 DEVIATIONS

Sampling location B12802 was moved approximately 1.5 feet south of the original location chosen during the DTSC site walk where it was determined that the pad ended and the samples could be collected. At the CCCT house locations, the sampling plan indicated two samples within the footprint of the visible foundation and four locations surrounding the footprint. As described in Section 2.2.1, there appears to be concrete foundation in the middle of the CCCT house structure causing refusal of the hand auger at 1 foot bgs. The sample collected from 0 to 0.5 foot bgs at location CCCT06 was submitted to the laboratory for analysis; no samples were collected from location CCCT03, also located within the footprint of the former transformer house.

Before sampling began, depth to groundwater measurements were recorded at the four recently installed piezometer locations in the Corporation Yard to estimate the anticipated depth to groundwater at the sampling locations. The soil sampling for this investigation was targeted in the vadose zone soil above the groundwater table. Based on the groundwater measurements collected, the 6 to 6.5 foot bgs sample was not collected at locations CY09, CY10, CY11, or CY12.

The deviations identified do not impact the DQOs or usability of the data consistent with the purpose of the FSW.

4.0 DATA EVALUATION

This section provides an overview of the compounds detected during the FSW Phase II soil sampling conducted from October 26 to 28, 2011. Screening levels including the California Human Health Screening Levels (CHHSL), EPA Regional Screening Levels (RSL), and EPA Toxic Substances Control Act (TSCA) specifically for PCBs were identified to help evaluate the sampling data. These comparisons are solely intended to provide a baseline and are not intended to represent remedial or cleanup criteria or triggers for further sampling. Tables 2 through 13 provide summaries of the detected data. Complete analytical results are included in Attachment 1.

4.1 PCB-CONTAINING TRANSFORMER SAMPLING RESULTS

Soil samples collected in the vicinity of current and former transformer locations were submitted for analysis of PCBs by EPA Method 8082. Additionally, samples collected at the CCCT house locations were analyzed for metals, VOCs, SVOCs, PAHs, TPH-e, and TPH-p. These results are presented in Table 2 through Table 5 and shown on Figures 5 to 7.

POLYCHLORINATED BIPHENYLS

All former transformer locations that potentially contained PCBs were sampled at two depths, 0 to 0.5 foot bgs and 1.5 to 2 feet bgs. Of the 26 detections all but two were in the surface samples. These results are presented in Table 2 and shown on Figures 5, 6, and 7, which show the southern, middle, and north portions of the RFS property. There were no detected PCBs at the sampling locations near the NRLF, Building 474, or former CCCT house (see Insets 1, 3, and 9 of Figure 3). There were no detections of Aroclor-1016, Aroclor-1221, Aroclor-1232, and Aroclor-1242.

At the sampling locations near the Building 112 transformers, Aroclors-1248, -1254, and -1260 were detected. Aroclors-1254 and -1260 were reported at concentrations of 0.033 and 0.032 milligrams per kilogram (mg/kg), respectively, which are less than the CHHSLs and RSLs. Aroclor-1248 was reported in two samples at one location at concentrations of 35 and 2.2 mg/kg; which exceeded the commercial CHHSL (0.3 mg/kg) and commercial RSL (0.74 mg/kg).

At locations near Building 128, Aroclor-1254 was detected at concentrations ranging from 0.032 to 0.2 mg/kg; three samples exceeded the residential CHHSL of 0.089 mg/kg.

At locations near Building 150, Aroclors-1248, -1254, and -1260 were detected. Aroclor-1248 was detected at concentrations of 0.31 and 0.64 mg/kg which exceeded the residential and commercial CHHSL (0.089 and 0.3 mg/kg) and the residential RSL (0.22 mg/kg). Aroclor-1254 was detected at concentrations ranging from 0.028 to 0.49 mg/kg; only one detection exceeded the residential and commercial CHHSL (0.089 and 0.3 mg/kg) and the residential RSL (0.22 mg/kg). Aroclor-1260 was detected at concentrations from 0.034 to 0.085 mg/kg, which did not exceed any CHHSL or RSL.

At locations near Building 277, Aroclor-1248 and -1254 were detected. Aroclor-1248 was detected at a concentration of 0.18 mg/kg which exceeded the residential CHHSL of 0.089

mg/kg. Aroclor-1254 was detected at concentrations ranging from 0.034 to 0.18 mg/kg. Two detections at 0.17 and 0.18 mg/kg exceeded the residential CHHSL of 0.089 mg/kg.

At sampling locations near Building 450, Aroclor-1260 was detected at one location at 0.023 mg/kg, which was below the CHHSLs and RSLs.

At locations near Building 474, Aroclor-1254 was detected at all three sampling locations with concentrations ranging from 0.072 to 0.71 mg/kg. Concentrations at two locations exceeded the residential and commercial CHHSL (0.089 and 0.3 mg/kg) and the residential RSL (0.22 mg/kg).

METALS

The nine samples collected at the CCCT house locations were submitted for analysis of metals by EPA Methods 6020A and 7471A. Sampling results are presented in Table 3. No detected results for aluminum, antimony, barium, beryllium, chromium, cobalt, copper, iron, manganese, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, or zinc exceeded the residential or commercial CHHSLs or RSLs. Detected results for arsenic for all nine samples ranged in concentration from 4.97 to 33.3 mg/kg. Five sampling results exceeded the area background of 16 mg/kg as established by DTSC for the Campus Bay Site. Cadmium was detected in all nine samples as well; only the surface sample at location CCCT01 exceeded the residential CHHSL of 1.7 mg/mg, with a concentration of 4.83 mg/kg. Lead was also detected in all nine samples with concentrations ranging from 12.7 to 467 mg/kg. Two sampling locations exceeded the residential CHHSL of 80 mg/kg at 189 and 105 mg/kg. The sample collected at location CCCT02 (467 mg/kg) exceeded both the commercial CHHSL (320 mg/kg) and the commercial RSL (400 mg/kg).

TOTAL PETROLEUM HYDROCARBONS

The nine samples collected at the CCCT house locations were submitted for analysis of TPH. A summary of detected TPH results is provided in Table 4. There were four detections of diesel-range organics, with concentrations ranging from 6.9 to 180 mg/kg. TPH as gasoline was detected in four samples, with concentrations ranging from 0.58 to 1.7 mg/kg. There were six detections of motor oil-range organics, with concentrations ranging from 10 to 280 mg/kg. There are no established CHHSLs or RSLs for TPH.

SEMI-VOLATILE ORGANIC COMPOUNDS

Samples were submitted for analysis of SVOCs by EPA Method 8270 and PAHs, a subset of SVOCs, by EPA Method 8270-SIM (selective ion monitoring) to obtain a lower QL and MDL. Eighteen of the 64 target analytes were detected, predominantly in samples collected from 0-0.5 foot bgs; these results are presented in Table 5. There were low-level detections of acenaphthene, anthracene, benzo(k)fluoranthene, chrysene, fluoranthene, fluorene, naphthalene, and pyrene, none of which exceeded residential or commercial RSLs; there are no CHHSLs for these compounds. There were also low-level detections of 1-methylnaphthalene, 2-methlynaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene; there are no CHHSLs or RSLs for these compounds. The following SVOCs exceeded one or more screening value.

Benzo(a)anthracene was detected in six of the nine samples with detections ranging in concentration from 0.014 to 1.3 mg/kg. Sample PCB43 exceeded the residential RSL of 0.15 mg/kg.

Benzo(a)pyrene was detected in six of the nine samples with detections ranging from 0.019 to 1.9 mg/kg. Sample PCB50 exceeded the residential RSL of 0.015 mg/kg; samples PCB41 and PCB51 exceeded the residential CHHSL of 0.038 mg/kg. Samples PCB47 and PCB49 exceeded of the commercial CHHSLs of 0.13 mg/kg, and sample PCB 43 exceeded the commercial RSL of 0.21 mg/kg.

Benzo(b)fluoranthene was detected in six of the nine samples with detections ranging from 0.039 to 2.6 mg/kg. Samples PCB47, PCB49, and exceeded the residential RSL of 0.15 mg/kg; sample PCB43 exceeded the commercial RSL of 2.1 mg/kg.

Dibenz(a,h)anthracene was detected in six of the nine samples with detections ranging from 0.0043 to 0.5 mg/kg. Samples PCB41, PCB47, PCB49, and PCB51 exceeded the residential RSL of 0.015 mg/kg; sample PCB43 exceeded the commercial RSL of 0.21 mg/kg.

Indeno(1,2,3-cd)pyrene was detected in six of the nine samples with detections ranging from 0.021 to 1.1 mg/kg. Sample exceeded the residential RSL of 0.15 mg/kg.

4.2 CORPORATION YARD SAMPLING RESULTS

Samples collected in the Corporation Yard were submitted for analysis of VOCs, SVOCs, PAHs, metals, PCBs, pesticides, TPH-e, and TPH-p. Additionally, three surface samples collected in the center of the Corporation Yard were analyzed for dioxins. These results are presented in Table 6 through Table 12 and shown on Figures 8 to 12.

VOLATILE ORGANIC COMPOUNDS

Samples were submitted analysis of VOCs by EPA Method 8260. VOCs were detected very infrequently in the Corporation Yard samples, with only four of the 63 target analytes detected. These results are presented in Table 6 and shown on Figure 8.

At location CY04, ethylbenzene, m,p-xylene, and o-xylene were detected in the surface sample and at location CY06, o-xylene was detected in the surface sample. These compounds are part of the BTEX series (benzene, toluene, ethylbenzene, and xylenes) which can be associated with petroleum hydrocarbons. Trichloroethylene (TCE) was detected at two locations, CY04 and CY08. At CY04, TCE was detected at a concentration of 0.0011 mg/kg in the surface sample, but was not detected in any of the lower samples at this location. At location CY08, TCE was detected at a concentration of 0.0017 mg/kg in the sample collected at 6-6.5 feet bgs. TCE was not detected in any of the samples above this sample. This detection at depth could be attributed to TCE detected in the groundwater near this sampling location. None of the detected analytes exceeded the EPA RSLs; there are no CHHSLs for these compounds.

SEMI-VOLATILE ORGANIC COMPOUNDS

Samples were submitted for analysis of SVOCs by EPA Method 8270 and PAHs, a subset of SVOCs, by EPA Method 8270-SIM (selective ion monitoring) to obtain a lower QL and MDL. Twenty of the 64 target analytes were detected, predominantly in samples collected from 0 to 0.5 foot bgs. These results are presented in Table 7. There were low-level detections of 4-methylphenol, acenaphthene, anthracene, chrysene, fluoranthene, fluorene, naphthalene, and pyrene, none of which exceeded residential or commercial RSLs; there are no CHHSLs for these compounds. There were also low-level detections of 1-methylnaphthalene, 2-methlynaphthalene, acenaphthylene, benzo(g,h,i)perylene, carbazole, and phenanthrene; there are no CHHSLs or RSLs for these compounds. The following SVOCs exceeded one or more screening values.

Benzo(a)anthracene was detected in 17 of 44 samples with detections ranging in concentration from 0.0036 to 10 mg/kg. Samples CY0101, CY0901, and CY1101 exceeded the residential RSL of 0.15 mg/kg; sample CY0301 exceeded the commercial RSL of 2.1 mg/kg.

Benzo(a)pyrene was detected in 16 of 44 samples with detections ranging from 0.0058 to 11 mg/kg. Sample CY1001 exceeded the residential RSL of 0.015 mg/kg; samples CY0701 and CY1201 exceeded the residential CHHSL of 0.038 mg/kg. Samples CY0101, CY0301, CY0401, CY0601, CY0901, and CY1101 exceeded the commercial CHHSLs of 0.13 mg/kg and commercial RSL of 0.21 mg/kg.

Benzo(b)fluoranthene was detected in 16 of 44 samples with detections ranging from 0.011 to 14 mg/kg. Samples CY0101, CY0401, CY0601, CY0901, and CY1101 exceeded the residential RSL of 0.15 mg/kg; sample CY0301 exceeded the commercial RSL of 2.1 mg/kg.

Benzo(k)fluoranthene was detected in 15 of 44 samples with detections ranging from 0.0034 to 4.7 mg/kg. Sample CY0301 exceeded the residential RSL of 1.5 mg/kg.

Dibenz(a,h)anthracene was detected in 10 of the 44 samples with detections ranging from 0.0067 to 1.5 mg/kg. Samples CY0101, CY0401, CY0601, CY0701, CY0901, and CY1101 exceeded the residential RSL of 0.015 mg/kg; sample CY0301 exceeded the commercial RSL of 0.21 mg/kg.

Indeno(1,2,3-cd)pyrene was detected in 16 of 44 samples with detections ranging from 0.0053 to 5.2 mg/kg. Samples CY0101, CY0401, CY0901, and CY1101 exceeded the residential RSL of 0.15 mg/kg; sample CY0301 exceeded the commercial RSL of 2.1 mg/kg.

METALS

All Corporation Yard samples were submitted for analysis of metals. A summary of all detected metals is presented in Table 8 and concentrations exceeding the CHHSLs are shown on Figure 9.

Aluminum was detected in all 44 samples with detections ranging in concentration from 12,000 to 27,300 mg/kg. No detections exceeded the residential or commercial RSLs; there are no CHHSLs for aluminum.

Antimony was detected in 23 of the 44 samples, ranging in concentration from 0.255 to 4.5 mg/kg. No detection exceeded the CHHSLs or RSLs.

Arsenic was detected in all 44 samples, with concentrations ranging from 2.69 to 81 mg/kg. Samples CY0501, CY0502, CY0901, CY1001, and CY1201 exceeded the area background of 16 mg/kg as established by DTSC for the Campus Bay Site.

Barium was detected in all 44 samples with concentrations ranging from 83.9 to 1160 mg/kg. No detection exceeded the CHHSLs or RSLs.

Beryllium was detected in all 44 samples, with concentrations of 0.15 to 0.978 mg/kg. No detection exceeded the CHHSLs or RSLs.

Cadmium was detected in 42 of the 44 samples at concentrations ranging from 0.119 to 1.92 mg/kg. Only samples CY0901 and CY1202 exceeded the residential CHHSL of 1.7 mg/kg; no other samples exceeded the residential or commercial CHHSLs and RSLs.

Chromium was detected in all 44 samples with concentrations ranging from 16 to 78.4 mg/kg. No detection exceeded the CHHSLs or RSLs.

Cobalt was detected in all 44 samples, with concentrations of 2.82 to 70.6 mg/kg. Sample CY0302 and CY1102 exceeded the residential RSL of 23 mg/kg; no other samples exceeded the residential or commercial CHHSLs and RSLs.

Copper was detected in 43 of the 44 samples, with concentrations ranging from 12.8 to 4,560 mg/kg. Sample CY0901 exceeded the residential CHHSL and RSL of 3,000 and 3,100 mg/kg respectively; no samples exceeded the commercial CHHSL or RSL.

Lead was detected in all 44 samples, with concentrations ranging from 4.39 to 571 mg/kg. Samples CY0301, CY0601, CY0701, and CY1201 exceeded the residential CHHSL of 80 mg/kg; samples CY0901 and CY1001 exceeded the commercial CHHSL of 320 mg/kg and the residential RSL of 400 mg/kg.

Manganese was detected in all 44 samples, ranging in concentration from 130 to 4690 mg/kg. Samples CY0302, CY0704, and CY1102 exceeded the residential RSL of 1,800 mg/kg; no samples exceeded the commercial RSL. There are no CHHSLs for manganese.

Mercury was detected in all 44 samples, with concentrations ranging from 0.0258 to 11.6 mg/kg. Sample CY1201 exceeds the residential RSL of 10/mg/kg; no other samples exceeded the residential or commercial CHHSLs and RSLs.

Molybdenum was detected in 23 of the 44 samples, with concentrations ranging from 0.21 to 6.72 mg.kg. No detection exceeded the CHHSLs or RSLs.

Nickel was detected in all 44 samples, with concentrations ranging from 22.7 to 179 mg/kg. No detection exceeded the CHHSLs or RSLs.

Selenium was detected in 22 of the 44 samples, with concentrations of 0.107 to 3.13 mg/kg. No detection exceeded the CHHSLs or RSLs.

Silver was detected in 17 of the 44 samples, ranging in concentration from 0.127 to 20.3 mg/kg. No detection exceeded the CHHSLs or RSLs.

Thallium was detected at 26 of the 44 samples, with concentrations from 0.111 to 0.362 mg/kg. No detection exceeded the CHHSLs or RSLs.

Vanadium was detected in all 44 samples, ranging in concentration from 27.4 to 79 mg/kg. No detection exceeded the CHHSLs or RSLs.

Zinc was detected in all 44 samples, with concentrations ranging from 25.8 to 782 mg/kg. No detection exceeded the CHHSLs or RSLs.

POLYCHLORINATED BIPHYNLS

All Corporation Yard samples were submitted for analysis of PCBs. A summary of detected PCB results is provided in Table 9 and shown on Figure 10. Of the PCBs reported under EPA Method 8082, only Aroclor-1254 and Aroclor-1260 were detected, and Aroclor-1260 was detected in only one sample. This detection, at location CY0801 did not exceed any screening values. Arolor-1254 was detected in 12 of the 44 samples, with all but two of the detections in the surface sample (0-0.5 foot bgs). Detected Aroclor-1254 concentrations ranged from 0.029 mg/kg to 5.5 mg/kg. Concentrations in samples CY0301, CY0501, CY0601, and CY1201 exceeded both the residential and commercial CHHSLs (0.089 and 0.3 mg/kg, respectively) and the residential and commercial RSLs (0.22 and 0.74 mg/kg, respectively). Sample CY0101 exceeded the residential and commercial CHHSLs and the residential RSL, but not the commercial RSL. Samples CY0201, CY0901, and CY1101 exceeded the residential CHHSL. The ecological screening value was not used for these samples because the Corporation Yard does not provide viable habitat area (Tetra Tech 2009).

PESICIDES

All Corporation Yard samples were submitted for analysis of pesticides. A summary of detected pesticides results is provided in Table 10 and shown on Figure 11. Twelve of the 19 analytes were detected with a majority of the detections occurring in the top sampling interval (0 to 0.5 foot bgs). Samples CY0301and CY0601 exceeded the residential RSL for dieldrin. No other detected concentrations exceeded any CHHSLs or RSLs.

TOTAL PETROLEUM HYDROCARBONS

All Corporation Yard samples were submitted for TPH analysis. A summary of detected TPH results is provided in Table 11 and shown on Figure 12. There were 13 detections of diesel-range organics, with concentrations ranging from 7.3 to 1,100 mg/kg. TPH as gasoline was detected in 15 samples, with concentrations ranging from 0.52 to 5.5 mg/kg. There were 15 detections of motor oil-range organics, with concentrations ranging from 6.9 to 1,400 mg/kg. There are no established CHHSLs or RSLs for TPH.

DIOXINS

Surface samples at locations CY04, CY05, and CY06 were submitted for analysis of dioxins. A toxic equivalence quotient (TEQ) was calculated using the EPA 2007 guidance. The detected dioxin concentrations were multiplied by their toxic equivalent factor (TEF) which is assigned to each dioxin compound comparing its toxicity to 2,3,7,8-TCDD and 1,2,3,7,8-1,2,3,7,8-PeCDD. The calculated TEQ values were compared to the screening values for 2,3,7,8-TCDD. The detected dioxin compounds and TEFs are provided in Table 12.

The TEQs ranged in value from 3.63E-06 to 3.04E-05 mg/kg. Sample CY0501 exceeded the residential CHHSL (4.6E-06 mg/kg) and residential RSL (4.5E-06 mg/kg); sample CY0601 and its duplicate CY0601D exceeded both the commercial CHHSL (1.9E-05 mg/kg) and RSL (1.8E-05 mg/kg).

4.3 AST SAMPLING RESULTS

As previously stated, no soil samples were collected directly from the ASTs at the site. An area of stained soil beneath hydraulic fluid lines in the EERC courtyard near Building 420 identified during the AST site walk was sampled at two locations for analysis of SVOCs, TPH-e, TPH-p, and PAHs. There were no detected concentrations of SVOCs or PAHs.

A summary of detected TPH results is provided in Table 13 and shown on Figure 13. There were no detections of TPH as gasoline in any of the samples. Diesel-range organics and motor oil-range organics were detected in both samples at both depths, with concentrations ranging from 59 to 2,400 mg/kg for diesel and 300 to 13,000 mg/kg for motor oil. There are no established CHHSLs or RSLs for TPH.

5.0 REFERENCES

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FIGURES

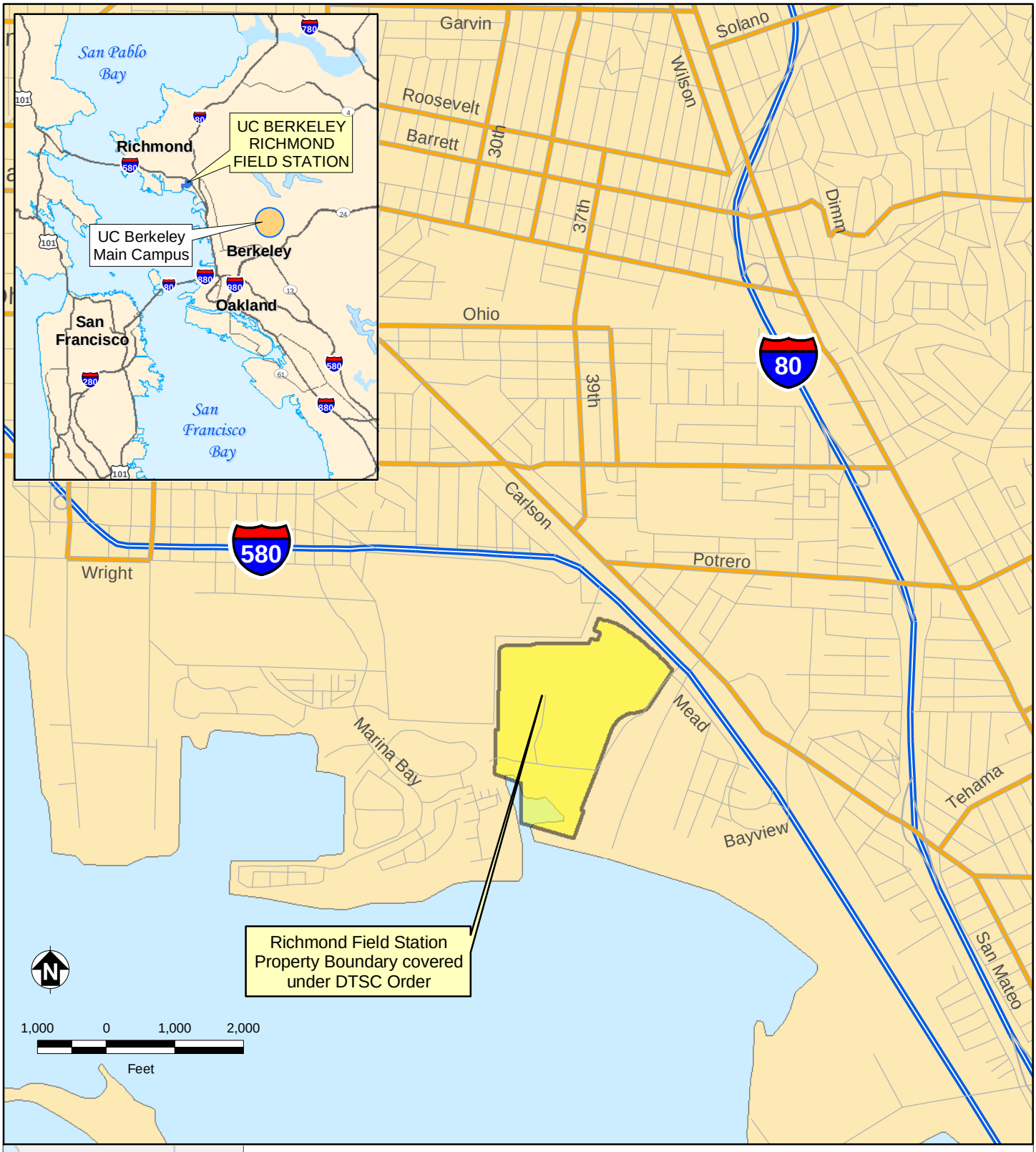

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FIGURE 1
SITE LOCATION MAP

Phase II Sampling Results Technical Memorandum

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

Property Boundary
Approximate Property Boundary

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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 II Sampling Results Technical Memorandum

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

INSET 1
NRLF02
NRLF01
NRLF03
NRLF04
400

INSET 2
B45004
B45002
B45003
B45001

INSET 3
B47401
B47402
B47403
B474

INSET 4
EERC
EERC02
EERC01
420
421

INSET 5
B27704
B27703
B27702
B27701

INSET 6
B47302
B47301
B47304
B47303
B473
473

INSET 7
B12803
B12805
B12802
B12804
B12801
Asphalt Pad B
B128
B128deep
128

INSET 8
B175W
B15004
B15003
B15005
B15002
B15006
B15001
150

INSET 9
CCCT05
CCCT04
CCCT06
CCCT03
CCCT01
CCCT02
CCCT

INSET 10
B11204
B11205
B11201
B11203
B11202

B280B
280B
A-18-7
400
A-18-5
NRLF
B490
490
450
B450
482
480
486
B480
B480deep
B460
FG
PZ9
478
CTP
CTPdeep
445
484
474
B474
A-18-4
B473
TP1
EERC
485
487
473
A-18-3
TP2
420
472
471
PZ11
470
475
280A
A-18-1
B280A
B300
RWF
167
165
164
38
B38
B38deep
162
161
277
B277
160
159
B180
190
194
B194
196
A-18-6
1901
158
154
151
180
179
155
177
B177
B158
153
152
CCC3
276
275
B278
B150
176
175
B175W
B175S
149
DH
CCC2
121
B121
118
125
116
114
A-18-2
197
B197
117
120
B120
CCCT
113
111
B178
178
B128
B128deep
WTA
112
CCC3
Asphalt Pad C
B185
185
Grouted Line
MFA
110
102
163
B163
Concrete Pad
Bulb2
ETA
Bulb1
PZ8
B195
195
198
250
0
250
Feet

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
Existing Piezometer Location (shallow)
Existing Piezometer Location (deep)

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
Aboveground Storage Tank (AST)
Sampling Locations

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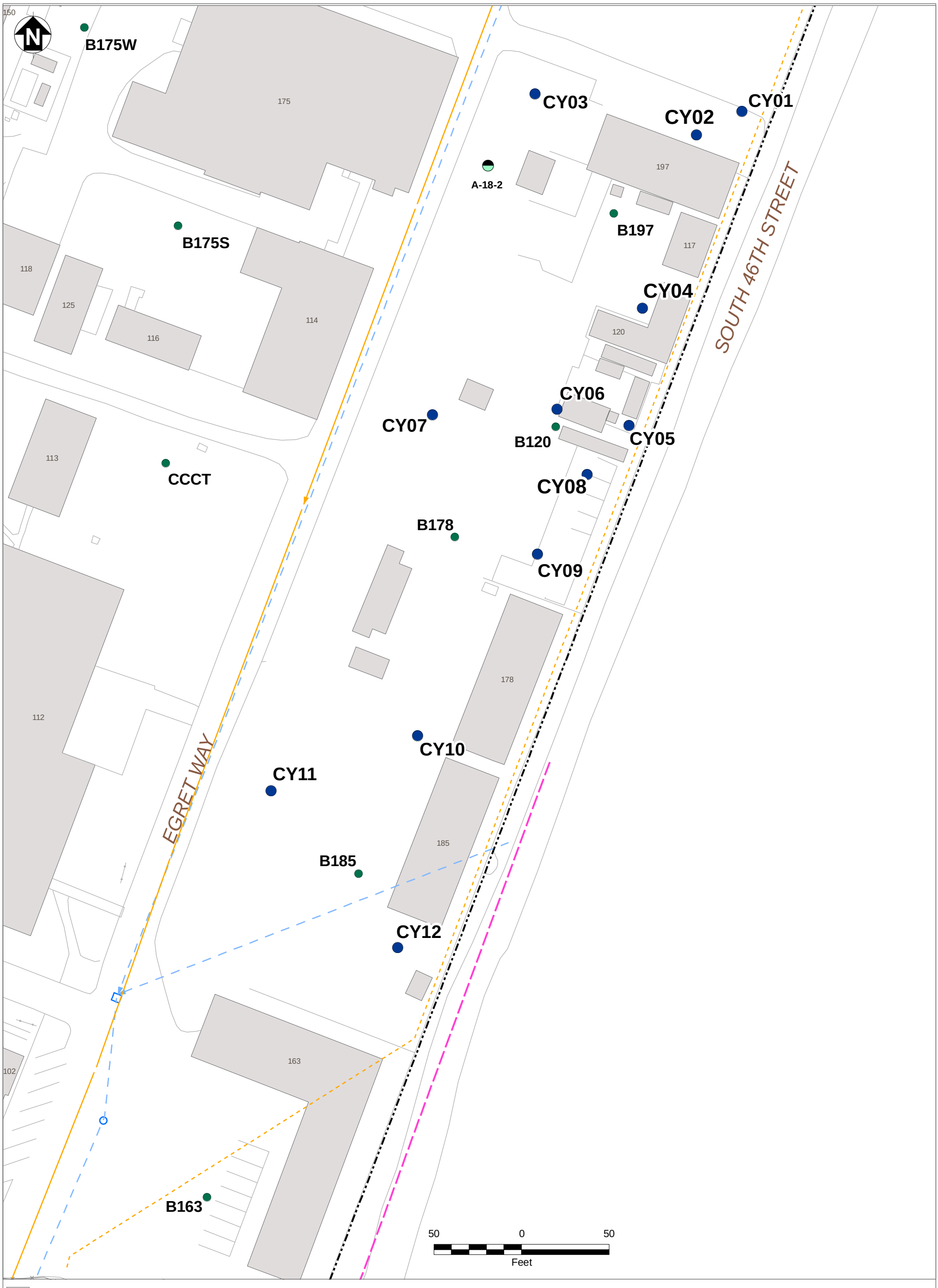
FIGURE 3
TRANSFORMER AND AST SAMPLING LOCATIONS

Phase II Sampling Results Technical Memoradum

2012-1-20 V:\Misc_GIS\Richmond_Field_Station\Projects\Field_Sampling_Workplan\Phase_II\Transformer_Sample_Locations_tech_memo.mxd TtEMI-oak CF



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

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

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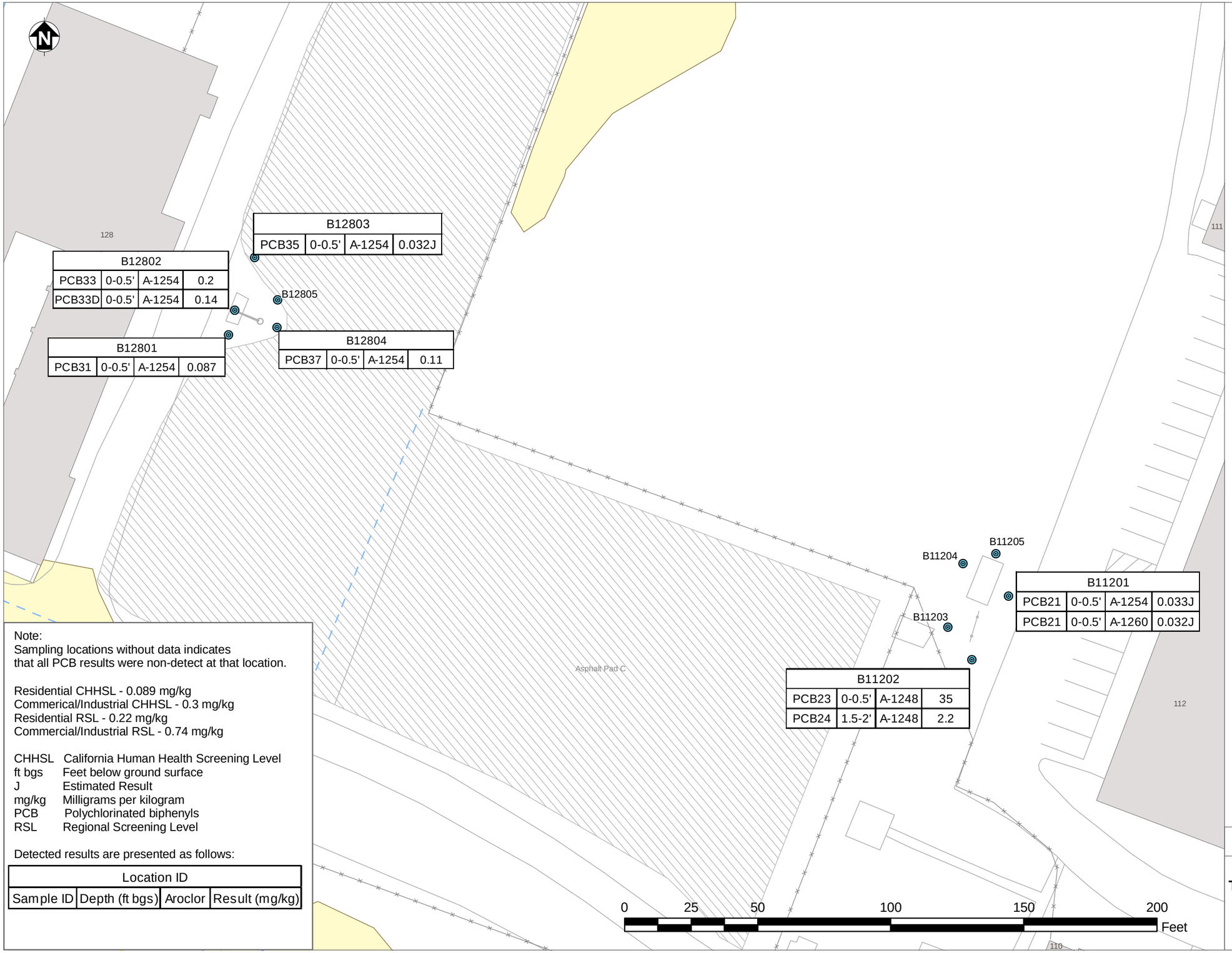
FIGURE 4
CORPORATION YARD SAMPLING LOCATIONS

Phase II Sampling Results Technical Memorandum



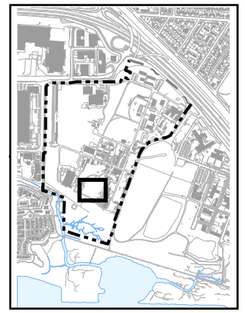
Note:
Sampling locations without data indicates
that all PCB results were non-detect at that location.

Residential CHHSL - 0.089 mg/kg
Commerical/Industrial CHHSL - 0.3 mg/kg
Residential RSL - 0.22 mg/kg
Commercial/Industrial RSL - 0.74 mg/kg

CHHSL California Human Health Screening Level
ft bgs Feet below ground surface
J Estimated Result
mg/kg Milligrams per kilogram
PCB Polychlorinated biphenyls
RSL Regional Screening Level

Detected results are presented as follows:

Location ID			
Sample ID	Depth (ft bgs)	Aroclor	Result (mg/kg)



- Sampling Locations
- Property Boundary
- Approximate Property Boundary
- Existing Buildings
- Asphalt/Concrete Pads
- Remediated Areas
- Roads and Other Landscape Features
- Fenceline

Sanitary Sewer Lines:

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

Storm Drain Lines:

- Open Swale
- Underground Culvert
- Underground Culvert, Abandoned

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FIGURE 5
TRANSFORMER SAMPLING LOCATIONS DETECTED PCB RESULTS (SOUTH)

Phase II Sampling Results Technical Memoradum

B27703			
PCB69	0-0.5'	A-1254	0.034J

B27704			
PCB71	0-0.5'	A-1254	0.072

B27702			
PCB67	0-0.5'	A-1254	0.052

B27701			
PCB65	0-0.5'	A-1248	0.18
PCB65	0-0.5'	A-1254	0.17

B15002			
PCB55	0-0.5'	A-1254	0.028J
PCB55	0-0.5'	A-1260	0.036J

B15001			
PCB53	0-0.5'	A-1248	0.64

B15005			
PCB61	0-0.5'	A-1248	0.31J
PCB61	0-0.5'	A-1254	0.49
PCB61	0-0.5'	A-1260	0.085

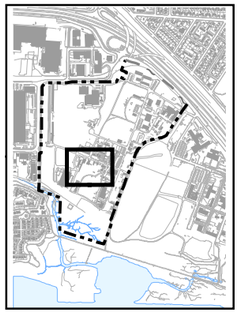
Note:
Sampling locations without data indicates
that all PCB results were non-detect at that location.

Residential CHHSL - 0.089 mg/kg
Commerical/Industrial CHHSL - 0.3 mg/kg
Residential RSL - 0.22 mg/kg
Commercial/Industrial RSL - 0.74 mg/kg

CHHSL California Human Health Screening Level
ft bgs Feet below ground surface
J Estimated Result
mg/kg Milligrams per kilogram
PCB Polychlorinated biphenyls
RSL Regional Screening Level

Detected results are presented as follows:

Location ID			
Sample ID	Depth (ft bgs)	Aroclor	Result (mg/kg)



- Sampling Locations
- Existing Buildings
- Asphalt/Concrete Pads
- Remediated Areas
- Roads and Other Landscape Features
- Property Boundary
- Approximate Property Boundary

Sanitary Sewer Lines:

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

Storm Drain Lines:

- Open Swale
- Underground Culvert
- Underground Culvert, Abandoned

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FIGURE 6
TRANSFORMER SAMPLING LOCATIONS
DETECTED PCB RESULTS (MID)

Phase II Sampling Results Technical Memorandum

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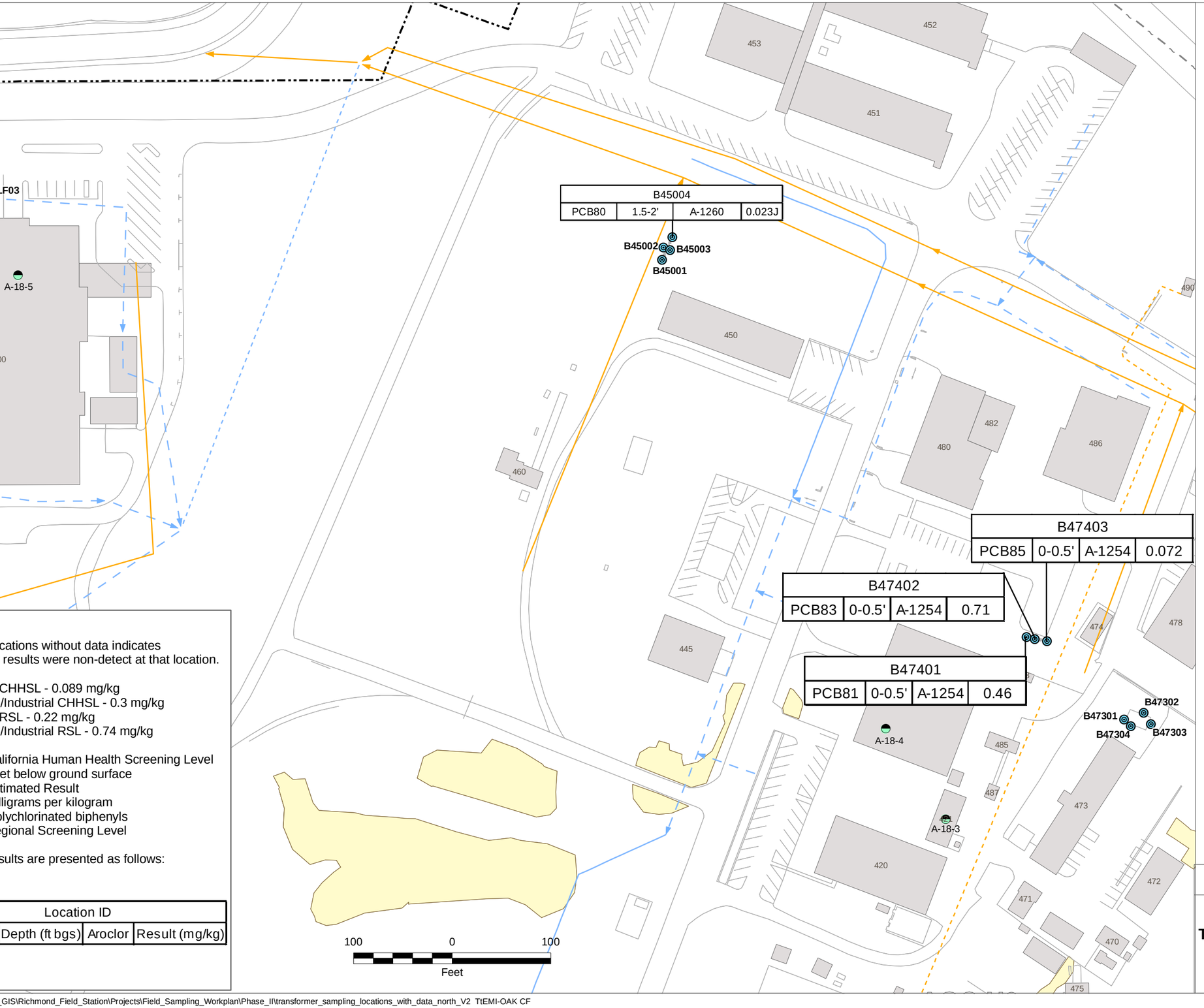


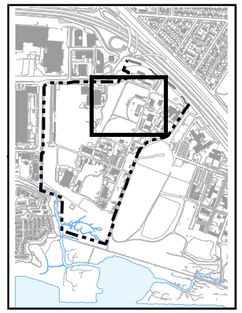
Note:
Sampling locations without data indicates
that all PCB results were non-detect at that location.

Residential CHHSL - 0.089 mg/kg
Commerical/Industrial CHHSL - 0.3 mg/kg
Residential RSL - 0.22 mg/kg
Commercial/Industrial RSL - 0.74 mg/kg

CHHSL	California Human Health Screening Level
ft bgs	Feet below ground surface
J	Estimated Result
mg/kg	Milligrams per kilogram
PCB	Polychlorinated biphenyls
RSL	Regional Screening Level

Detected results are presented as follows:

Location ID			
Sample ID	Depth (ft bgs)	Aroclor	Result (mg/kg)



- Sampling Locations
- Aboveground Storage Tank (AST)
- Existing Buildings
- Asphalt/Concrete Pads
- Remediated Areas
- Roads and Other Landscape Features
- Property Boundary
- Approximate Property Boundary

Sanitary Sewer Lines:

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

Storm Drain Lines:

- Open Swale
- Underground Culvert
- Underground Culvert, Abandoned

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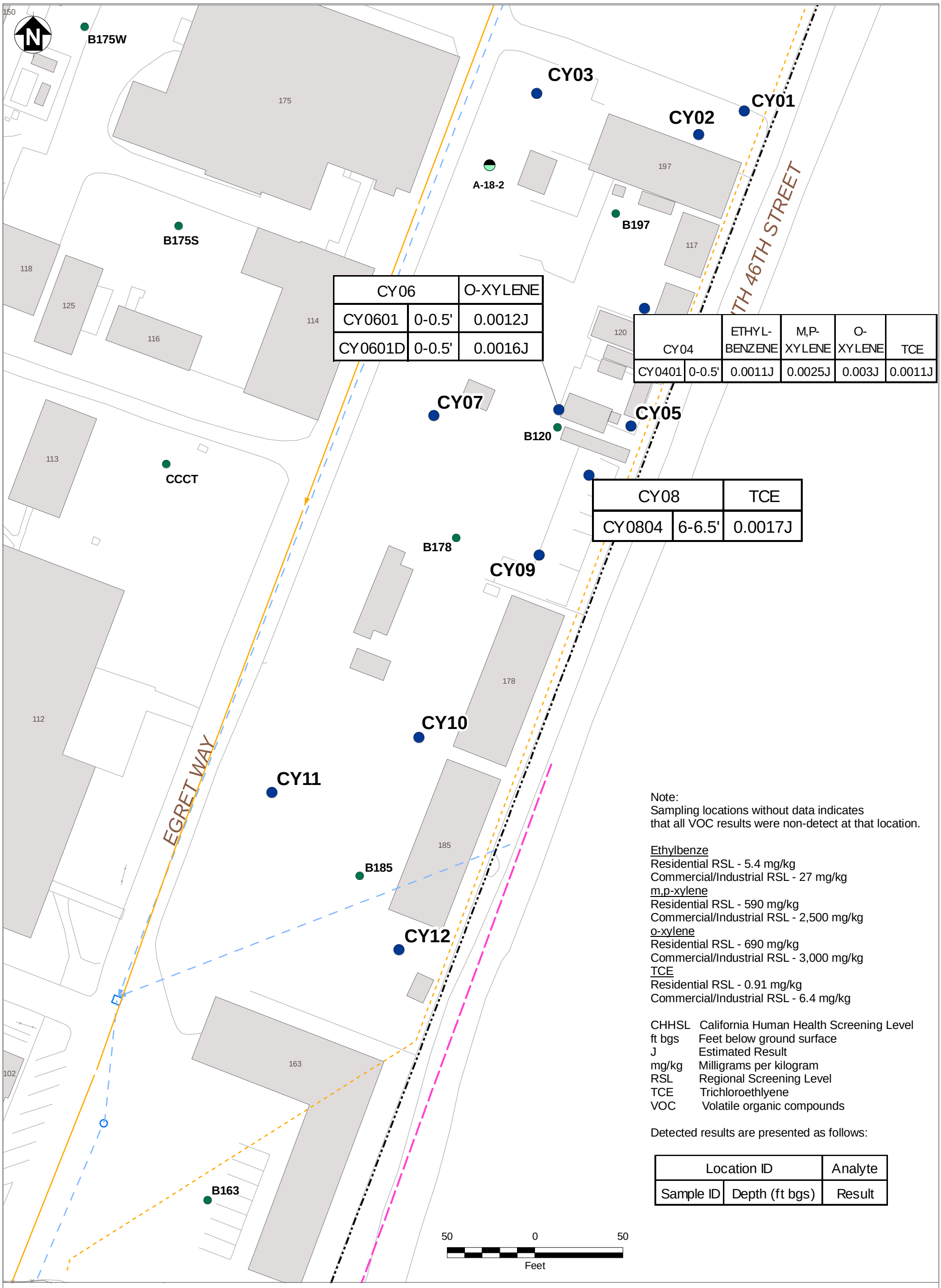
FIGURE 7
TRANSFORMER SAMPLING LOCATIONS DETECTED PCB RESULTS (NORTH)

Phase II Sampling Results Technical Memorandum

2012-01-18 V:\Misc_GIS\Richmond_Field_Station\Projects\Field_Sampling_Workplan\Phase_II\transformer_sampling_locations_with_data_north_V2 TtEMI-OAK CF



CY06		O-XYLENE
CY0601	0-0.5'	0.0012J
CY0601D	0-0.5'	0.0016J

CY04		ETHYL-BENZENE	M,P-XYLENE	O-XYLENE	TCE
CY0401	0-0.5'	0.0011J	0.0025J	0.003J	0.0011J

CY08		TCE
CY0804	6-6.5'	0.0017J

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

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

CHHSL California Human Health Screening Level
ft bgs Feet below ground surface
J Estimated Result
mg/kg Milligrams per kilogram
RSL Regional Screening Level
TCE Trichloroethlyene
VOC Volatile organic compounds

Detected 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
Sampling Locations

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

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FIGURE 8
CORPORATION YARD SAMPLING LOCATIONS DETECTED VOC RESULTS

Phase II Sampling Results Technical Memorandum

2011-5-11 V:\Misc_GIS\Richmond_Field_Station\Projects\Field_Sampling_Workplan\Phase_II\Site_Walk_Map.mxd TtEMI-SF CF

CY03		Co	Mn	Pb
CY0301	0-0.5'	--	--	318
CY0302	2-2.5'	50.4	1980	--

CY06		Cd	Pb
CY0601	0-0.5'	--	230
CY0601D	0-0.5'	1.83	274

CY07		Pb	Mn
CY0701	0-0.5'	80.1	--
CY0704	6-6.5'	--	4690

CY05		As
CY0501	0-0.5'	40.1
CY0502	2-2.5'	81

CY09		As	Cd	Cu	Pb
CY0901	0-0.5'	31.7	1.92	4560	571

CY10		As	Pb
CY1001	0-0.5'	27.8	401

CY11		Co	Mn
CY1102	2-2.5'	70.6	1443

CY12		As	Cd	Hg	Pb
CY1201	0-0.5'	29.9	--	11.6	103
CY1202	2-2.5'	--	1.87	--	--

Note:
Sampling locations without data indicates that metals concentrations are below their corresponding CHHSLs and RSLs.

--	Detected result did not exceed screening levels (see Table 8 for all metals results)
CHHSL	California Human Health Screening Level
C/I	Commercial/Industrial
ft bgs	Feet below ground durface
J	Estimated result
mg/kg	Milligrams per kilogram
RSL	Regional Screening Level

Detections which exceeded screening levels are presented as follows:

Location ID		Analyte
Sample ID	Depth (ft bgs)	Result

	ARSENIC (As)	CADMIUM (Cd)	COBALT (Co)	COPPER (Cu)	LEAD (Pb)	MANGANESE (Mn)	MERCURY (Hg)
CHHSL Residential		1.7	660	3000	80		18
CHHSL C/I		7.5	3200	38000	320		180
Background	16						
RSL Residential		70	23	3100	400	1800	10
RSL C/I		800	300	41000	800	23000	43

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

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

50 0 50
Feet

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FIGURE 9
CORPORATION YARD
SAMPLING LOCATIONS METALS EXCEEDING SCREENING LEVELS

Phase II Sampling Results Technical Memorandum

2011-5-11 V:\Misc_GIS\Richmond_Field_Station\Projects\Field_Sampling_Workplan\Phase_II\Site_Walk_Map.mxd TtEMI-SF CF

CY03		A-1254
CY0301	0-0.5'	2.3

CY01		A-1254
CY0101	0-0.5'	0.72

CY02		A-1254
CY0201	0-0.5'	0.2

CY06		A-1254
CY0601	0-0.5'	5.5
CY0601D	0-0.5'	5.4

CY04		A-1254
CY0401	0-0.5'	0.056

CY05		A-1254
CY0501	0-0.5'	3.3
CY0502	2-2.5'	0.038J
CY0503	4-4.5'	ND
CY0504	6-6.5'	0.041

CY08		A-1254	A-1260
CY0801	0-0.5'	ND	0.033J

CY09		A-1254
CY0901	0-0.5'	0.11

CY10		A-1254
CY1001	0-0.5'	0.029J

CY11		A-1254
CY1101	0-0.5'	0.089

CY12		A-1254
CY1201	0-0.5'	0.97

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

Residential CHHSL - 0.089 mg/kg
Commercial/Industrial CHHSL - 0.3 mg/kg
Residential RSL - 0.22 mg/kg
Commercial/Industrial RSL - 0.74 mg/kg

CHHSL	California Human Health Screening Level
ft bgs	Feet below ground surface
J	Estimated result
mg/kg	Milligrams per kilogram
ND	Not detected
PCB	Polychlorinated biphenyls
RSL	Regional Screening Level

Detected results are presented as follows:

Location ID		Aroclor
Sample ID	Depth (ft bgs)	Result

50 0 50
Feet

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

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

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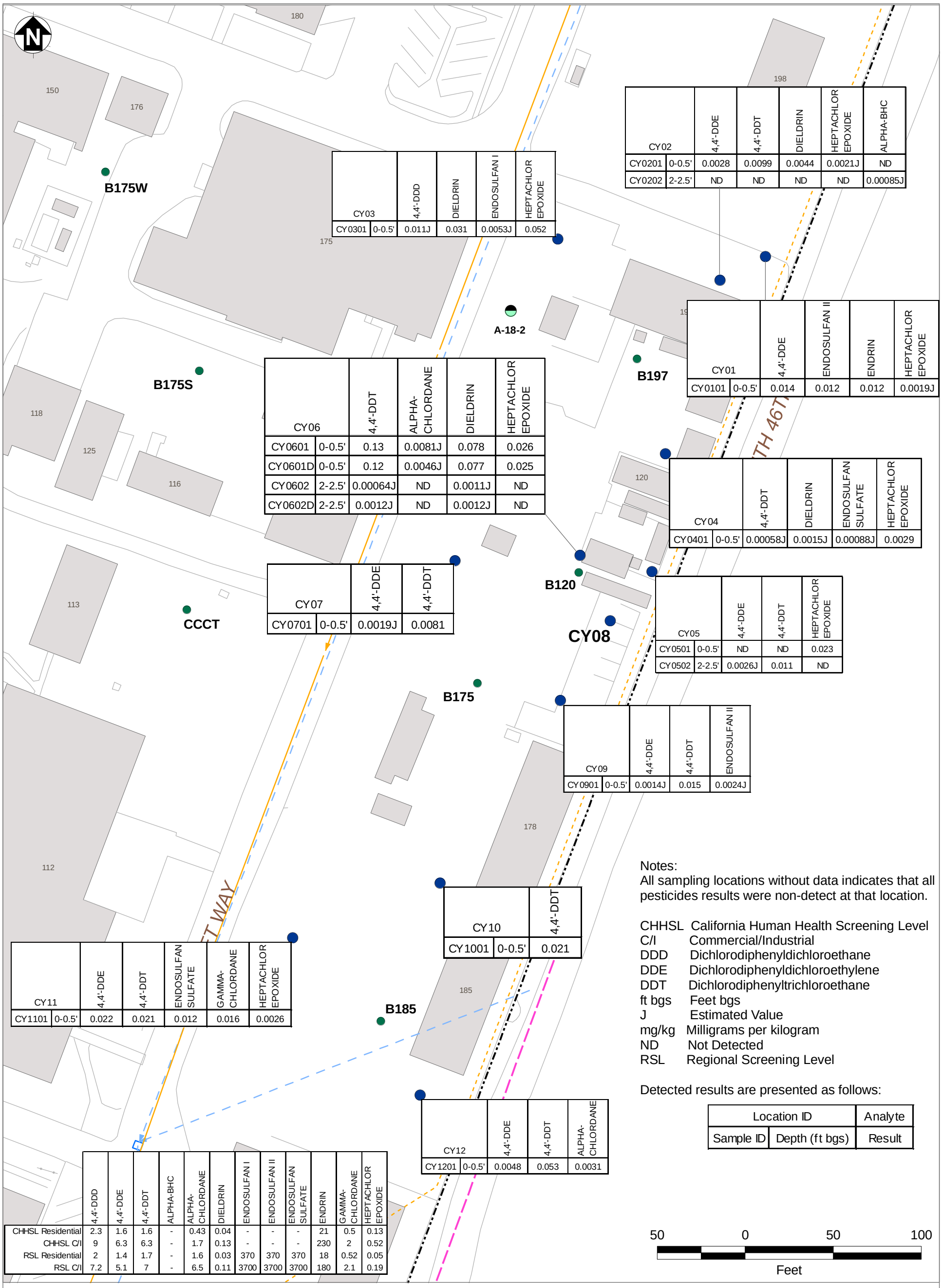
FIGURE 10
CORPORATION YARD SAMPLING LOCATIONS DETECTED PCB RESULTS

Phase II Sampling Results Technical Memorandum

2011-5-11 V:\Misc_GIS\Richmond_Field_Station\Projects\Field_Sampling_Workplan\Phase_II\Site_Walk_Map.mxd TtEMI-SF CF



CY02		4,4'-DDE	4,4'-DDT	DIELDRIN	HEPTACHLOR EPOXIDE	ALPHA-BHC
CY0201	0-0.5'	0.0028	0.0099	0.0044	0.0021J	ND
CY0202	2-2.5'	ND	ND	ND	ND	0.00085J

CY03		4,4'-DDD	DIELDRIN	ENDOSULFAN I	HEPTACHLOR EPOXIDE
CY0301	0-0.5'	0.011J	0.031	0.0053J	0.052

CY01		4,4'-DDE	ENDOSULFAN II	ENDRIN	HEPTACHLOR EPOXIDE
CY0101	0-0.5'	0.014	0.012	0.012	0.0019J

CY06		4,4'-DDT	ALPHA-CHLORDANE	DIELDRIN	HEPTACHLOR EPOXIDE
CY0601	0-0.5'	0.13	0.0081J	0.078	0.026
CY0601D	0-0.5'	0.12	0.0046J	0.077	0.025
CY0602	2-2.5'	0.00064J	ND	0.0011J	ND
CY0602D	2-2.5'	0.0012J	ND	0.0012J	ND

CY04		4,4'-DDT	DIELDRIN	ENDOSULFAN SULFATE	HEPTACHLOR EPOXIDE
CY0401	0-0.5'	0.00058J	0.0015J	0.00088J	0.0029

CY07		4,4'-DDE	4,4'-DDT
CY0701	0-0.5'	0.0019J	0.0081

CY05		4,4'-DDE	4,4'-DDT	HEPTACHLOR EPOXIDE
CY0501	0-0.5'	ND	ND	0.023
CY0502	2-2.5'	0.0026J	0.011	ND

CY09		4,4'-DDE	4,4'-DDT	ENDOSULFAN II
CY0901	0-0.5'	0.0014J	0.015	0.0024J

CY10		4,4'-DDT
CY1001	0-0.5'	0.021

CY11		4,4'-DDE	4,4'-DDT	ENDOSULFAN SULFATE	GAMMA-CHLORDANE	HEPTACHLOR EPOXIDE
CY1101	0-0.5'	0.022	0.021	0.012	0.016	0.0026

CY12		4,4'-DDE	4,4'-DDT	ALPHA-CHLORDANE
CY1201	0-0.5'	0.0048	0.053	0.0031

	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALPHA-BHC	ALPHA-CHLORDANE	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN	GAMMA-CHLORDANE	HEPTACHLOR EPOXIDE
CHHSL Residential	2.3	1.6	1.6	-	0.43	0.04	-	-	-	21	0.5	0.13
CHHSL C/I	9	6.3	6.3	-	1.7	0.13	-	-	-	230	2	0.52
RSL Residential	2	1.4	1.7	-	1.6	0.03	370	370	370	18	0.52	0.05
RSL C/I	7.2	5.1	7	-	6.5	0.11	3700	3700	3700	180	2.1	0.19

Notes:
All sampling locations without data indicates that all pesticides results were non-detect at that location.

CHHSL California Human Health Screening Level
C/I Commercial/Industrial
DDD Dichlorodiphenyldichloroethane
DDE Dichlorodiphenyldichloroethylene
DDT Dichlorodiphenyltrichloroethane
ft bgs Feet bgs
J Estimated Value
mg/kg Milligrams per kilogram
ND Not Detected
RSL Regional Screening Level

Detected results are presented as follows:

Location ID		Analyte
Sample ID	Depth (ft bgs)	Result

50 0 50 100
Feet

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

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

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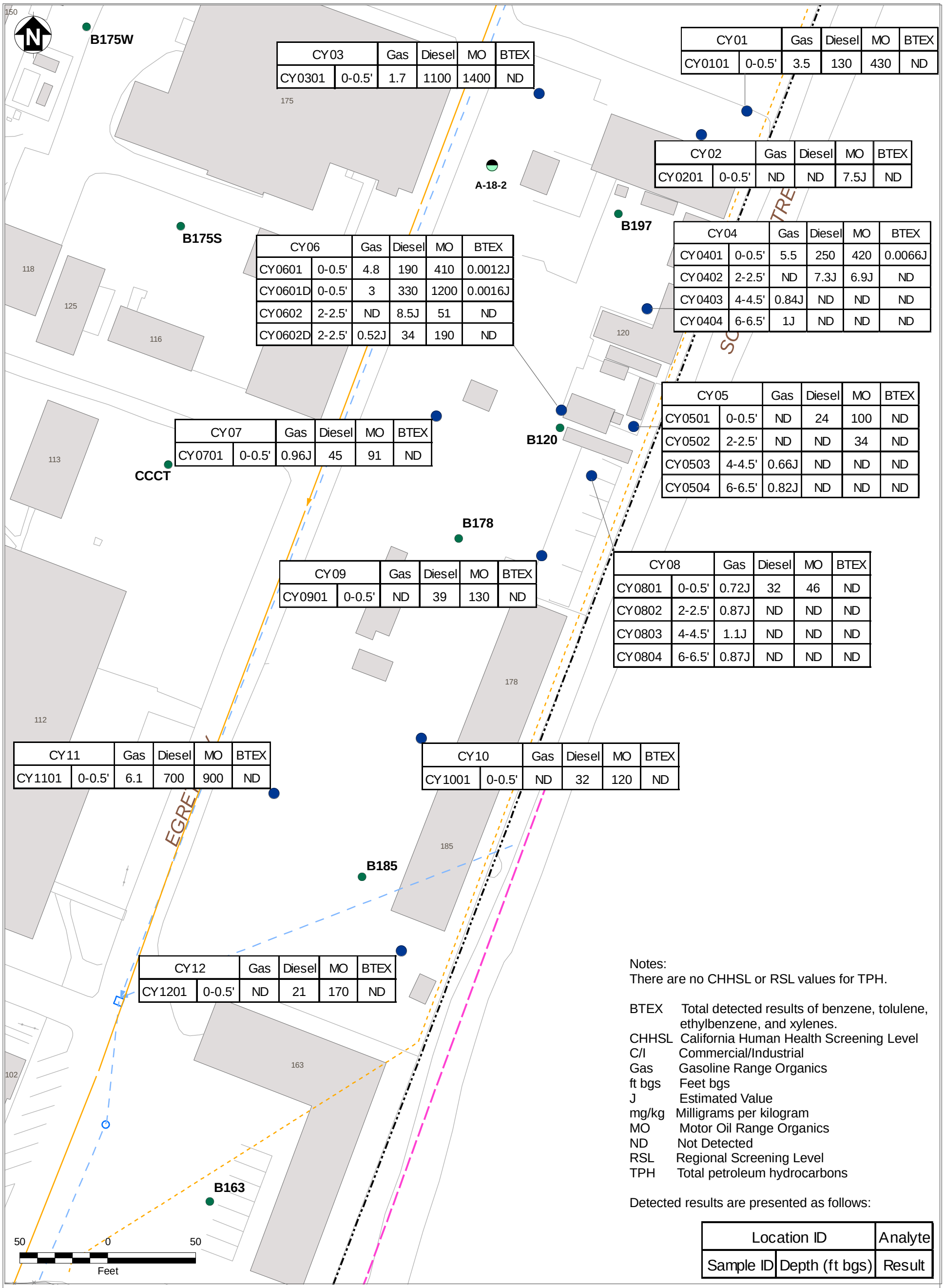
FIGURE 11
CORPORATION YARD
SAMPLING LOCATIONS
DETECTED PESTICIDES RESULTS

Phase II Sampling Results Technical Memorandum



CY03		Gas	Diesel	MO	BTEX
CY0301	0-0.5'	1.7	1100	1400	ND

CY01		Gas	Diesel	MO	BTEX
CY0101	0-0.5'	3.5	130	430	ND

CY02		Gas	Diesel	MO	BTEX
CY0201	0-0.5'	ND	ND	7.5J	ND

CY06		Gas	Diesel	MO	BTEX
CY0601	0-0.5'	4.8	190	410	0.0012J
CY0601D	0-0.5'	3	330	1200	0.0016J
CY0602	2-2.5'	ND	8.5J	51	ND
CY0602D	2-2.5'	0.52J	34	190	ND

CY04		Gas	Diesel	MO	BTEX
CY0401	0-0.5'	5.5	250	420	0.0066J
CY0402	2-2.5'	ND	7.3J	6.9J	ND
CY0403	4-4.5'	0.84J	ND	ND	ND
CY0404	6-6.5'	1J	ND	ND	ND

CY05		Gas	Diesel	MO	BTEX
CY0501	0-0.5'	ND	24	100	ND
CY0502	2-2.5'	ND	ND	34	ND
CY0503	4-4.5'	0.66J	ND	ND	ND
CY0504	6-6.5'	0.82J	ND	ND	ND

CY07		Gas	Diesel	MO	BTEX
CY0701	0-0.5'	0.96J	45	91	ND

CY09		Gas	Diesel	MO	BTEX
CY0901	0-0.5'	ND	39	130	ND

CY08		Gas	Diesel	MO	BTEX
CY0801	0-0.5'	0.72J	32	46	ND
CY0802	2-2.5'	0.87J	ND	ND	ND
CY0803	4-4.5'	1.1J	ND	ND	ND
CY0804	6-6.5'	0.87J	ND	ND	ND

CY11		Gas	Diesel	MO	BTEX
CY1101	0-0.5'	6.1	700	900	ND

CY10		Gas	Diesel	MO	BTEX
CY1001	0-0.5'	ND	32	120	ND

CY12		Gas	Diesel	MO	BTEX
CY1201	0-0.5'	ND	21	170	ND

Notes:
There are no CHHSL or RSL values for TPH.

BTEX Total detected results of benzene, tolulene, ethylbenzene, and xylenes.
CHHSL California Human Health Screening Level
C/I Commercial/Industrial
Gas Gasoline Range Organics
ft bgs Feet bgs
J Estimated Value
mg/kg Milligrams per kilogram
MO Motor Oil Range Organics
ND Not Detected
RSL Regional Screening Level
TPH Total petroleum hydrocarbons

Detected 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

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

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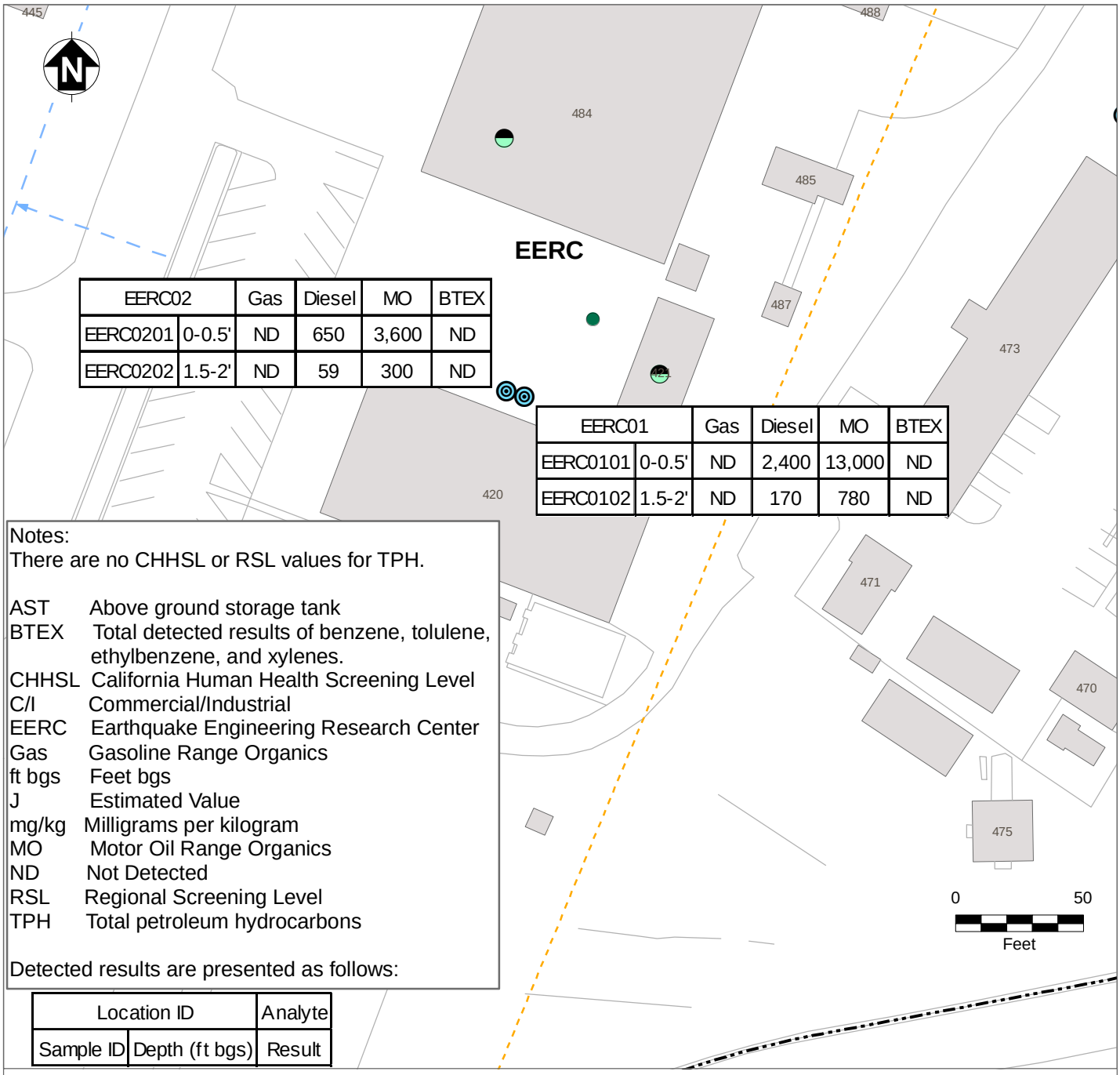
FIGURE 12
CORPORATION YARD
SAMPLING LOCATIONS
DETECTED TPH RESULTS

Phase II Sampling Results Technical Memorandum



EERC02		Gas	Diesel	MO	BTEX
EERC0201	0-0.5'	ND	650	3,600	ND
EERC0202	1.5-2'	ND	59	300	ND

EERC01		Gas	Diesel	MO	BTEX
EERC0101	0-0.5'	ND	2,400	13,000	ND
EERC0102	1.5-2'	ND	170	780	ND

Notes:
There are no CHHSL or RSL values for TPH.

AST Above ground storage tank
BTEX Total detected results of benzene, tolulene, ethylbenzene, and xylenes.
CHHSL California Human Health Screening Level
C/I Commercial/Industrial
EERC Earthquake Engineering Research Center
Gas Gasoline Range Organics
ft bgs Feet bgs
J Estimated Value
mg/kg Milligrams per kilogram
MO Motor Oil Range Organics
ND Not Detected
RSL Regional Screening Level
TPH Total petroleum hydrocarbons

Detected results are presented as follows:

Location ID		Analyte
Sample ID	Depth (ft bgs)	Result

Existing Buildings
Property Boundary
Roads and Other Landscape Features
Fenceline
Aboveground Storage Tank (AST)
Sampling Locations
Existing Piezometer Location

Storm Drain Lines:
Open Swale
Underground Culvert
Underground Culvert, Abandoned

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

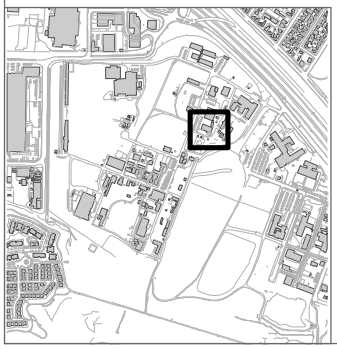


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FIGURE 13
EERC AST SAMPLING LOCATIONS
DETECTED TPH RESULTS

Phase II Sampling Results Technical Memorandum

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TABLES

Table 1: Sampling Registry
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

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)	PCB (EPA Method 8082)	Pesticides (EPA Method 8081A)	Dioxinx and Furans (EPA Method 8290)
Holding Time				14 Days	14 Days	14 Days	7/40 days	Metals – 6 Months (Mercury – 28 Days)	7/40 days	7/40 days	7/40 days	30/45 days
Point Location ID	Sample ID	Sample Date	Depth (feet bgs)									
Transformer Sampling Locations												
B11201	PCB21	10/26/2011	0-0.5							X		
B11201	PCB22	10/26/2011	1.5-2.0							X		
B11202	PCB23	10/26/2011	0-0.5							X		
B11202	PCB24	10/26/2011	1.5-2.0							X		
B11203	PCB25	10/26/2011	0-0.5							X		
B11203	PCB26	10/26/2011	1.5-2.0							X		
B11204	PCB27	10/26/2011	0-0.5							X		
B11204	PCB28	10/26/2011	1.5-2.0							X		
B11205	PCB29	10/26/2011	0-0.5							X		
B11205	PCB30	10/26/2011	1.5-2.0							X		
B12801	PCB31	10/26/2011	0-0.5							X		
B12801	PCB32	10/26/2011	1.5-2.0							X		
B12802	PCB33	10/26/2011	0-0.5							X		
B12802	PCB34	10/26/2011	1.5-2.0							X		
B12803	PCB35	10/26/2011	0-0.5							X		
B12803	PCB36	10/26/2011	1.5-2.0							X		
B12804	PCB37	10/26/2011	0-0.5							X		
B12804	PCB38	10/26/2011	1.5-2.0							X		
B12805	PCB39	10/26/2011	0-0.5							X		
B12805	PCB40	10/26/2011	1.5-2.0							X		
CCCT01	PCB41	10/26/2011	0-0.5	X	X	X	X	X	X	X		
CCCT01	PCB42	10/26/2011	1.5-2.0	X	X	X	X	X	X	X		
CCCT02	PCB43	10/26/2011	0-0.5	X	X	X	X	X	X	X		
CCCT02	PCB44	10/26/2011	1.5-2.0	X	X	X	X	X	X	X		
CCCT03	PCB45	NS	0-0.5	NS	NS	NS	NS	NS	NS	NS		
CCCT03	PCB46	NS	1.5-2.0	NS	NS	NS	NS	NS	NS	NS		

Table 1: Sampling Registry
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

			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)	PCB (EPA Method 8082)	Pesticides (EPA Method 8081A)	Dioxinx and Furans (EPA Method 8290)
			Holding Time	14 Days	14 Days	14 Days	7/40 days	Metals – 6 Months (Mercury – 28 Days)	7/40 days	7/40 days	7/40 days	30/45 days
Point Location ID	Sample ID	Sample Date	Depth (feet bgs)									
Transformer Sampling Locations												
CCCT04	PCB47	10/26/2011	0-0.5	X	X	X	X	X	X	X		
CCCT04	PCB48	10/26/2011	1.5-2.0	X	X	X	X	X	X	X		
CCCT05	PCB49	10/26/2011	0-0.5	X	X	X	X	X	X	X		
CCCT05	PCB50	10/26/2011	1.5-2.0	X	X	X	X	X	X	X		
CCCT06	PCB51	10/26/2011	0-0.5	X	X	X	X	X	X	X		
CCCT06	PCB52	NS	1.5-2.0	NS	NS	NS	NS	NS	NS	NS		
B15001	PCB53	10/26/2011	0-0.5							X		
B15001	PCB54	10/26/2011	1.5-2.0							X		
B15002	PCB55	10/26/2011	0-0.5							X		
B15002	PCB56	10/26/2011	1.5-2.0							X		
B15003	PCB57	10/26/2011	0-0.5							X		
B15003	PCB58	10/26/2011	1.5-2.0							X		
B15004	PCB59	10/26/2011	0-0.5							X		
B15004	PCB60	10/26/2011	1.5-2.0							X		
B15005	PCB61	10/26/2011	0-0.5							X		
B15005	PCB62	10/26/2011	1.5-2.0							X		
B15006	PCB63	10/26/2011	0-0.5							X		
B15006	PCB64	10/26/2011	1.5-2.0							X		
B27701	PCB65	10/26/2011	0-0.5							X		
B27701	PCB66	10/26/2011	1.5-2.0							X		
B27702	PCB67	10/26/2011	0-0.5							X		
B27702	PCB68	10/26/2011	1.5-2.0							X		
B27703	PCB69	10/26/2011	0-0.5							X		
B27703	PCB70	10/26/2011	1.5-2.0							X		
B27704	PCB71	10/26/2011	0-0.5							X		
B27704	PCB72	10/26/2011	1.5-2.0							X		

Table 1: Sampling Registry
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

			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)	PCB (EPA Method 8082)	Pesticides (EPA Method 8081A)	Dioxinx and Furans (EPA Method 8290)
			Holding Time	14 Days	14 Days	14 Days	7/40 days	Metals – 6 Months (Mercury – 28 Days)	7/40 days	7/40 days	7/40 days	30/45 days
Point Location ID	Sample ID	Sample Date	Depth (feet bgs)									
Transformer Sampling Locations												
B45001	PCB73	10/26/2011	0-0.5							X		
B45001	PCB74	10/26/2011	1.5-2.0							X		
B45002	PCB75	10/26/2011	0-0.5							X		
B45002	PCB76	10/26/2011	1.5-2.0							X		
B45003	PCB77	10/26/2011	0-0.5							X		
B45003	PCB78	10/26/2011	1.5-2.0							X		
B45004	PCB79	10/26/2011	0-0.5							X		
B45004	PCB80	10/26/2011	1.5-2.0							X		
B47401	PCB81	10/26/2011	0-0.5							X		
B47401	PCB82	10/26/2011	1.5-2.0							X		
B47402	PCB83	10/26/2011	0-0.5							X		
B47402	PCB84	10/26/2011	1.5-2.0							X		
B47403	PCB85	10/26/2011	0-0.5							X		
B47403	PCB86	10/26/2011	1.5-2.0							X		
B47301	PCB87	10/26/2011	0-0.5							X		
B47301	PCB88	10/26/2011	1.5-2.0							X		
B47302	PCB89	10/26/2011	0-0.5							X		
B47302	PCB90	10/26/2011	1.5-2.0							X		
B47303	PCB91	10/26/2011	0-0.5							X		
B47303	PCB92	10/26/2011	1.5-2.0							X		
B47304	PCB93	10/26/2011	0-0.5							X		
B47304	PCB94	10/26/2011	1.5-2.0							X		
NRLF01	PCB95	10/26/2011	0-0.5							X		
NRLF01	PCB96	10/26/2011	1.5-2.0							X		
NRLF02	PCB97	10/26/2011	0-0.5							X		
NRLF02	PCB98	10/26/2011	1.5-2.0							X		

Table 1: Sampling Registry
Phase II FSW Sampling Results, Technical Memorandum
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			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)	PCB (EPA Method 8082)	Pesticides (EPA Method 8081A)	Dioxinx and Furans (EPA Method 8290)
			Holding Time	14 Days	14 Days	14 Days	7/40 days	Metals – 6 Months (Mercury – 28 Days)	7/40 days	7/40 days	7/40 days	30/45 days
Point Location ID	Sample ID	Sample Date	Depth (feet bgs)									
Transformer Sampling Locations												
NRLF03	PCB99	10/26/2011	0-0.5							X		
NRLF03	PCB100	10/26/2011	1.5-2.0							X		
NRLF04	PCB101	10/26/2011	0-0.5							X		
NRLF04	PCB102	10/26/2011	1.5-2.0							X		
Corporation Yard Sampling Locations												
CY01	CY0101	10/27/2011	0-0.5	X	X	X	X	X	X	X	X	
CY01	CY0102	10/27/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY01	CY0103	10/27/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY01	CY0104	10/27/2011	6.0-6.5	X	X	X	X	X	X	X	X	
CY02	CY0201	10/27/2011	0-0.5	X	X	X	X	X	X	X	X	
CY02	CY0202	10/27/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY02	CY0203	10/27/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY02	CY0203D	10/27/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY02	CY0204	10/27/2011	6.0-6.5	X	X	X	X	X	X	X	X	
CY03	CY0301	10/27/2011	0-0.5	X	X	X	X	X	X	X	X	
CY03	CY0302	10/27/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY03	CY0303	10/27/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY03	CY0304	10/27/2011	6.0-6.5	X	X	X	X	X	X	X	X	
CY04	CY0401	10/27/2011	0-0.5	X	X	X	X	X	X	X	X	X
CY04	CY0402	10/27/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY04	CY0403	10/27/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY04	CY0404	10/27/2011	6.0-6.5	X	X	X	X	X	X	X	X	
CY05	CY0501	10/27/2011	0-0.5	X	X	X	X	X	X	X	X	X
CY05	CY0502	10/27/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY05	CY0503	10/27/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY05	CY0504	10/27/2011	6.0-6.5	X	X	X	X	X	X	X	X	

Table 1: Sampling Registry
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			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)	PCB (EPA Method 8082)	Pesticides (EPA Method 8081A)	Dioxinx and Furans (EPA Method 8290)
			Holding Time	14 Days	14 Days	14 Days	7/40 days	Metals – 6 Months (Mercury – 28 Days)	7/40 days	7/40 days	7/40 days	30/45 days
Point Location ID	Sample ID	Sample Date	Depth (feet bgs)									
Corporation Yard Sampling Locations												
CY06	CY0601	10/27/2011	0-0.5	X	X	X	X	X	X	X	X	X
CY06	CY0601D	10/27/2011	0-0.5	X	X	X	X	X	X	X	X	X
CY06	CY0602	10/27/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY06	CY0602D	10/27/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY06	CY0603	10/27/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY06	CY0603D	10/27/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY06	CY0604	10/27/2011	6.0-6.5	X	X	X	X	X	X	X	X	
CY06	CY0604D	10/27/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY07	CY0701	10/28/2011	0-0.5	X	X	X	X	X	X	X	X	
CY07	CY0702	10/28/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY07	CY0703	10/28/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY07	CY0704	10/28/2011	6.0-6.5	X	X	X	X	X	X	X	X	
CY08	CY0801	10/27/2011	0-0.5	X	X	X	X	X	X	X	X	
CY08	CY0802	10/27/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY08	CY0803	10/27/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY08	CY0804	10/27/2011	6.0-6.5	X	X	X	X	X	X	X	X	
CY09	CY0901	10/28/2011	0-0.5	X	X	X	X	X	X	X	X	
CY09	CY0902	10/28/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY09	CY0903	10/28/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY09	CY0904	NS	6.0-6.5	NS	NS	NS	NS	NS	NS	NS	NS	
CY10	CY1001	10/28/2011	0-0.5	X	X	X	X	X	X	X	X	
CY10	CY1002	10/28/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY10	CY1003	10/28/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY10	CY1004	NS	6.0-6.5	NS	NS	NS	NS	NS	NS	NS	NS	
CY11	CY1101	10/28/2011	0-0.5	X	X	X	X	X	X	X	X	
CY11	CY1102	10/28/2011	2.0-2.5	X	X	X	X	X	X	X	X	

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			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)	PCB (EPA Method 8082)	Pesticides (EPA Method 8081A)	Dioxinx and Furans (EPA Method 8290)
			Holding Time	14 Days	14 Days	14 Days	7/40 days	Metals – 6 Months (Mercury – 28 Days)	7/40 days	7/40 days	7/40 days	30/45 days
Point Location ID	Sample ID	Sample Date	Depth (feet bgs)									
Corporation Yard Sampling Locations												
CY11	CY1103	10/28/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY11	CY1104	NS	6.0-6.5	NS	NS	NS	NS	NS	NS	NS	NS	
CY12	CY1201	10/28/2011	0-0.5	X	X	X	X	X	X	X	X	
CY12	CY1202	10/28/2011	2.0-2.5	X	X	X	X	X	X	X	X	
CY12	CY1203	10/28/2011	4.0-4.5	X	X	X	X	X	X	X	X	
CY12	CY1204	NS	6.0-6.5	NS	NS	NS	NS	NS	NS	NS	NS	
AST/EERC Sampling Locations												
EERC01	EERC0101	10/26/2011	0-0.5	X		X	X		X			
EERC01	EERC0102	10/26/2011	1.5-2.0	X		X	X		X			
EERC02	EERC0202	10/26/2011	0-0.5	X		X	X		X			
EERC02	EERC0202	10/26/2011	1.5-2.0	X		X	X		X			

Notes:
Holding time listed is preservation/extraction by the lab.
Preservation: All samples must be put on ice in coolers after collection and shipped to the lab maintaining a temperature of 4°C $\pm$ 2°C.

AST	Above ground storage tank	PAH	Polycyclic aromatic hydrocarbon
bgs	Below ground surface	PCB	Polychlorinated biphenyl
EERC	Earthquake Engineering Reseach Center	SVOC	Semivolatile organic compound
EPA	U.S. Environmental Protection Agency	TPH-E	Total petroleum hydrocarbons - extractable
ID	Identification	TPH-P	Total petroleum hydrocarbons - purgeable
NS	Not sampled	VOC	Volatile organic compound

Table 2: Transformer Locations Detected PCB Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth (feet bgs)	Units	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			CHHSL Residential	0.089	0.089	0.089	0.089	0.089	0.089	0.089
			CHHSL C/I	0.3	0.3	0.3	0.3	0.3	0.3	0.3
			EPA RSL Residential	3.9	0.14	0.14	0.22	0.22	0.22	0.22
			EPA RSL C/I	21	0.54	0.54	0.74	0.74	0.74	0.74
			SWRCB ESL - GW is Drinking Water Source, Residential	0.22	0.22	0.22	0.22	0.22	0.22	0.22
			SWRCB ESL - GW is Drinking Water Source, C/I	0.74	0.74	0.74	0.74	0.74	0.74	0.74
			SWRCB ESL - GW is Not a Drinking Water Source, Residential	0.22	0.22	0.22	0.22	0.22	0.22	0.22
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	0.74	0.74	0.74	0.74	0.74	0.74	0.74
			Hawaii DOH EAL Residential	1.1	1.1	1.1	1.1	1.1	1.1	1.1
			Hawaii DOH EAL C/I	7.4	7.4	7.4	7.4	7.4	7.4	7.4
			TSCA high occupancy, no conditions	1	1	1	1	1	1	1
			TSCA high occupancy with cap	10	10	10	10	10	10	10
			TSCA low occupancy with no conditions	25	25	25	25	25	25	25
			TSCA low occupancy with cap	100	100	100	100	100	100	100
			Ecological PCB Screen	0.1	0.1	0.1	0.1	0.1	0.1	0.1
PCB21	**B11201**	0-0.5	mg/kg	0.04U	0.04U	0.036U	0.04U	0.04U	0.033J	0.032J
PCB22	**B11201**	1.5-2	mg/kg	0.037U	0.037U	0.036U	0.037U	0.037U	0.037U	0.037U
PCB23	**B11202**	0-0.5	mg/kg	0.29U	0.29U	0.036U	0.29U	35	0.29U	0.29U
PCB24	**B11202**	1.5-2	mg/kg	0.036U	0.036U	0.036U	0.036U	2.2	0.036U	0.036U
PCB25	**B11203**	0-0.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
PCB26	**B11203**	1.5-2	mg/kg	0.036U	0.036U	0.037U	0.036U	0.036U	0.036U	0.036U
PCB27	**B11204**	0-0.5	mg/kg	0.036U	0.036U	0.29U	0.036U	0.036U	0.036U	0.036U
PCB27D	**B11204**	0-0.5	mg/kg	0.036U	0.036U	0.036U	0.036U	0.036U	0.036U	0.036U
PCB28	**B11204**	1.5-2	mg/kg	0.036U	0.036U	0.04U	0.036U	0.036U	0.036U	0.036U
PCB29	**B11205**	0-0.5	mg/kg	0.036U	0.036U	0.036U	0.036U	0.036U	0.036U	0.036U
PCB30	**B11205**	1.5-2	mg/kg	0.037U	0.037U	0.036U	0.037U	0.037U	0.037U	0.037U
PCB31	**B12801**	0-0.5	mg/kg	0.037U	0.037U	0.036U	0.037U	0.037U	0.087	0.037U
PCB32	**B12801**	1.5-2	mg/kg	0.041U	0.041U	0.036U	0.041U	0.041U	0.041U	0.041U
PCB33	**B12802**	0-0.5	mg/kg	0.036U	0.036U	0.036U	0.036U	0.036U	0.2	0.036U
PCB33D	**B12802**	0-0.5	mg/kg	0.037U	0.037U	0.037U	0.037U	0.037U	0.14	0.037U
PCB34	**B12802**	1.5-2	mg/kg	0.041U	0.041U	0.037U	0.041U	0.041U	0.041U	0.041U
PCB35	**B12803**	0-0.5	mg/kg	0.036U	0.036U	0.041U	0.036U	0.036U	0.032J	0.036U
PCB36	**B12803**	1.5-2	mg/kg	0.039U	0.039U	0.036U	0.039U	0.039U	0.039U	0.039U
PCB37	**B12804**	0-0.5	mg/kg	0.036U	0.036U	0.037U	0.036U	0.036U	0.11	0.036U
PCB38	**B12804**	1.5-2	mg/kg	0.037U	0.037U	0.041U	0.037U	0.037U	0.037U	0.037U
PCB39	**B12805**	0-0.5	mg/kg	0.039U	0.039U	0.036U	0.039U	0.039U	0.039U	0.039U
PCB40	**B12805**	1.5-2	mg/kg	0.041U	0.041U	0.039U	0.041U	0.041U	0.041U	0.041U
PCB40D	**B12805**	1.5-2	mg/kg	0.043U	0.043U	0.036U	0.043U	0.043U	0.043U	0.043U
PCB41	**CCCT01**	0-0.5	mg/kg	0.036U	0.036U	0.037U	0.036U	0.036U	0.036U	0.036U

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Sample ID	Sample Location	Depth (feet bgs)	Units	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			CHHSL Residential	0.089	0.089	0.089	0.089	0.089	0.089	0.089
			CHHSL C/I	0.3	0.3	0.3	0.3	0.3	0.3	0.3
			EPA RSL Residential	3.9	0.14	0.14	0.22	0.22	0.22	0.22
			EPA RSL C/I	21	0.54	0.54	0.74	0.74	0.74	0.74
			SWRCB ESL - GW is Drinking Water Source, Residential	0.22	0.22	0.22	0.22	0.22	0.22	0.22
			SWRCB ESL - GW is Drinking Water Source, C/I	0.74	0.74	0.74	0.74	0.74	0.74	0.74
			SWRCB ESL - GW is Not a Drinking Water Source, Residential	0.22	0.22	0.22	0.22	0.22	0.22	0.22
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	0.74	0.74	0.74	0.74	0.74	0.74	0.74
			Hawaii DOH EAL Residential	1.1	1.1	1.1	1.1	1.1	1.1	1.1
			Hawaii DOH EAL C/I	7.4	7.4	7.4	7.4	7.4	7.4	7.4
			TSCA high occupancy, no conditions	1	1	1	1	1	1	1
			TSCA high occupancy with cap	10	10	10	10	10	10	10
			TSCA low occupancy with no conditions	25	25	25	25	25	25	25
			TSCA low occupancy with cap	100	100	100	100	100	100	100
			Ecological PCB Screen	0.1	0.1	0.1	0.1	0.1	0.1	0.1
PCB42	**CCCT01**	1.5-2	mg/kg	0.041U	0.041U	0.039U	0.041U	0.041U	0.041U	0.041U
PCB43	**CCCT02**	0-0.5	mg/kg	0.037U	0.037U	0.041U	0.037U	0.037U	0.037U	0.037U
PCB44	**CCCT02**	1.5-2	mg/kg	0.041U	0.041U	0.043U	0.041U	0.041U	0.041U	0.041U
PCB47	**CCCT04**	0-0.5	mg/kg	0.035U	0.035U	0.036U	0.035U	0.035U	0.035U	0.035U
PCB48	**CCCT04**	1.5-2	mg/kg	0.038U	0.038U	0.041U	0.038U	0.038U	0.038U	0.038U
PCB49	**CCCT05**	0-0.5	mg/kg	0.036U	0.036U	0.037U	0.036U	0.036U	0.036U	0.036U
PCB50	**CCCT05**	1.5-2	mg/kg	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U
PCB51	**CCCT06**	0-0.5	mg/kg	0.037U	0.037U	0.035U	0.037U	0.037U	0.037U	0.037U
PCB53	**B15001**	0-0.5	mg/kg	0.037U	0.037U	0.038U	0.037U	0.64	0.037U	0.037U
PCB54	**B15001**	1.5-2	mg/kg	0.039U	0.039U	0.036U	0.039U	0.039U	0.039U	0.039U
PCB55	**B15002**	0-0.5	mg/kg	0.037U	0.037U	0.041U	0.037U	0.037U	0.028J	0.036J
PCB56	**B15002**	1.5-2	mg/kg	0.04U	0.04U	0.037U	0.04U	0.04U	0.04U	0.04U
PCB57	**B15003**	0-0.5	mg/kg	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U
PCB58	**B15003**	1.5-2	mg/kg	0.037U	0.037U	0.039U	0.037U	0.037U	0.037U	0.037U
PCB59	**B15004**	0-0.5	mg/kg	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U
PCB60	**B15004**	1.5-2	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
PCB61	**B15005**	0-0.5	mg/kg	0.035U	0.035U	0.037U	0.035U	0.31J	0.49	0.085
PCB62	**B15005**	1.5-2	mg/kg	0.04U	0.04U	0.037U	0.04U	0.04U	0.04U	0.04U
PCB63	**B15006**	0-0.5	mg/kg	0.035U	0.035U	0.037U	0.035U	0.035U	0.028J	0.034J
PCB64	**B15006**	1.5-2	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
PCB65	**B27701**	0-0.5	mg/kg	0.038U	0.038U	0.035U	0.038U	0.18	0.17	0.038U
PCB66	**B27701**	1.5-2	mg/kg	0.039U	0.039U	0.04U	0.039U	0.039U	0.039U	0.039U
PCB67	**B27702**	0-0.5	mg/kg	0.038U	0.038U	0.035U	0.038U	0.038U	0.052	0.038U
PCB68	**B27702**	1.5-2	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U

Table 2: Transformer Locations Detected PCB Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth (feet bgs)	Units	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			CHHSL Residential	0.089	0.089	0.089	0.089	0.089	0.089	0.089
			CHHSL C/I	0.3	0.3	0.3	0.3	0.3	0.3	0.3
			EPA RSL Residential	3.9	0.14	0.14	0.22	0.22	0.22	0.22
			EPA RSL C/I	21	0.54	0.54	0.74	0.74	0.74	0.74
			SWRCB ESL - GW is Drinking Water Source, Residential	0.22	0.22	0.22	0.22	0.22	0.22	0.22
			SWRCB ESL - GW is Drinking Water Source, C/I	0.74	0.74	0.74	0.74	0.74	0.74	0.74
			SWRCB ESL - GW is Not a Drinking Water Source, Residential	0.22	0.22	0.22	0.22	0.22	0.22	0.22
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	0.74	0.74	0.74	0.74	0.74	0.74	0.74
			Hawaii DOH EAL Residential	1.1	1.1	1.1	1.1	1.1	1.1	1.1
			Hawaii DOH EAL C/I	7.4	7.4	7.4	7.4	7.4	7.4	7.4
			TSCA high occupancy, no conditions	1	1	1	1	1	1	1
			TSCA high occupancy with cap	10	10	10	10	10	10	10
			TSCA low occupancy with no conditions	25	25	25	25	25	25	25
			TSCA low occupancy with cap	100	100	100	100	100	100	100
			Ecological PCB Screen	0.1	0.1	0.1	0.1	0.1	0.1	0.1
PCB69	**B27703**	0-0.5	mg/kg	0.036U	0.036U	0.038U	0.036U	0.036U	0.034J	0.036U
PCB70	**B27703**	1.5-2	mg/kg	0.04U	0.04U	0.039U	0.04U	0.04U	0.04U	0.04U
PCB71	**B27704**	0-0.5	mg/kg	0.037U	0.037U	0.038U	0.037U	0.037U	0.072	0.037U
PCB72	**B27704**	1.5-2	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
PCB73	**B45001**	0-0.5	mg/kg	0.038U	0.038U	0.036U	0.038U	0.038U	0.038U	0.038U
PCB74	**B45001**	1.5-2	mg/kg	0.039U	0.039U	0.04U	0.039U	0.039U	0.039U	0.039U
PCB75	**B45002**	0-0.5	mg/kg	0.035U	0.035U	0.037U	0.035U	0.035U	0.035U	0.035U
PCB76	**B45002**	1.5-2	mg/kg	0.039U	0.039U	0.04U	0.039U	0.039U	0.039U	0.039U
PCB77	**B45003**	0-0.5	mg/kg	0.037U	0.037U	0.038U	0.037U	0.037U	0.037U	0.037U
PCB77D	**B45003**	0-0.5	mg/kg	0.036U	0.036U	0.039U	0.036U	0.036U	0.036U	0.036U
PCB78	**B45003**	1.5-2	mg/kg	0.039U	0.039U	0.035U	0.039U	0.039U	0.039U	0.039U
PCB79	**B45004**	0-0.5	mg/kg	0.036U	0.036U	0.039U	0.036U	0.036U	0.036U	0.036U
PCB80	**B45004**	1.5-2	mg/kg	0.038U	0.038U	0.037U	0.038U	0.038U	0.038U	0.023J
PCB81	**B47401**	0-0.5	mg/kg	0.039U	0.039U	0.036U	0.039U	0.039U	0.46	0.039U
PCB82	**B47401**	1.5-2	mg/kg	0.042U	0.042U	0.039U	0.042U	0.042U	0.042U	0.042U
PCB83	**B47402**	0-0.5	mg/kg	0.039U	0.039U	0.036U	0.039U	0.039U	0.71	0.039U
PCB84	**B47402**	1.5-2	mg/kg	0.042U	0.042U	0.038U	0.042U	0.042U	0.042U	0.042U
PCB85	**B47403**	0-0.5	mg/kg	0.041U	0.041U	0.039U	0.041U	0.041U	0.072	0.041U
PCB86	**B47403**	1.5-2	mg/kg	0.043U	0.043U	0.042U	0.043U	0.043U	0.043U	0.043U
PCB87	**B47301**	0-0.5	mg/kg	0.037U	0.037U	0.039U	0.037U	0.037U	0.037U	0.037U
PCB88	**B47301**	1.5-2	mg/kg	0.041U	0.041U	0.042U	0.041U	0.041U	0.041U	0.041U
PCB89	**B47302**	0-0.5	mg/kg	0.037U	0.037U	0.041U	0.037U	0.037U	0.037U	0.037U
PCB89D	**B47302**	0-0.5	mg/kg	0.037U	0.037U	0.043U	0.037U	0.037U	0.037U	0.037U
PCB90	**B47302**	1.5-2	mg/kg	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U

Table 2: Transformer Locations Detected PCB Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth (feet bgs)	Units	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			CHHSL Residential	0.089	0.089	0.089	0.089	0.089	0.089	0.089
			CHHSL C/I	0.3	0.3	0.3	0.3	0.3	0.3	0.3
			EPA RSL Residential	3.9	0.14	0.14	0.22	0.22	0.22	0.22
			EPA RSL C/I	21	0.54	0.54	0.74	0.74	0.74	0.74
			SWRCB ESL - GW is Drinking Water Source, Residential	0.22	0.22	0.22	0.22	0.22	0.22	0.22
			SWRCB ESL - GW is Drinking Water Source, C/I	0.74	0.74	0.74	0.74	0.74	0.74	0.74
			SWRCB ESL - GW is Not a Drinking Water Source, Residential	0.22	0.22	0.22	0.22	0.22	0.22	0.22
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	0.74	0.74	0.74	0.74	0.74	0.74	0.74
			Hawaii DOH EAL Residential	1.1	1.1	1.1	1.1	1.1	1.1	1.1
			Hawaii DOH EAL C/I	7.4	7.4	7.4	7.4	7.4	7.4	7.4
			TSCA high occupancy, no conditions	1	1	1	1	1	1	1
			TSCA high occupancy with cap	10	10	10	10	10	10	10
			TSCA low occupancy with no conditions	25	25	25	25	25	25	25
			TSCA low occupancy with cap	100	100	100	100	100	100	100
			Ecological PCB Screen	0.1	0.1	0.1	0.1	0.1	0.1	0.1
PCB91	**B47303**	0-0.5	mg/kg	0.037U	0.037U	0.041U	0.037U	0.037U	0.037U	0.037U
PCB92	**B47303**	1.5-2	mg/kg	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U
PCB93	**B47304**	0-0.5	mg/kg	0.038U	0.038U	0.037U	0.038U	0.038U	0.038U	0.038U
PCB94	**B47304**	1.5-2	mg/kg	0.04U	0.04U	0.037U	0.04U	0.04U	0.04U	0.04U
PCB95	**NRLF01**	0-0.5	mg/kg	0.038U	0.038U	0.037U	0.038U	0.038U	0.038U	0.038U
PCB96	**NRLF01**	1.5-2	mg/kg	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U
PCB97	**NRLF02**	1.5-2	mg/kg	0.039U	0.039U	0.038U	0.039U	0.039U	0.039U	0.039U
PCB98	**NRLF02**	0-0.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
PCB99	**NRLF03**	1.5-2	mg/kg	0.036U	0.036U	0.038U	0.036U	0.036U	0.036U	0.036U
PCB100	**NRLF03**	0-0.5	mg/kg	0.036U	0.036U	0.037U	0.036U	0.036U	0.036U	0.036U
PCB100D	**NRLF03**	0-0.5	mg/kg	0.036U	0.036U	0.039U	0.036U	0.036U	0.036U	0.036U
PCB101	**NRLF04**	1.5-2	mg/kg	0.036U	0.036U	0.04U	0.036U	0.036U	0.036U	0.036U
PCB102	**NRLF04**	0-0.5	mg/kg	0.036U	0.036U	0.036U	0.036U	0.036U	0.036U	0.036U

Notes:

CHHSL	California Human Health Screening Level	ID	Identification
C/I	Commercial/Industrial	J	Estimated value
DOH	Department of Health	mg/kg	Milligrams per kilogram
EAL	Environmental Action Level	PCB	Polychlorinated biphenyls
EPA	U.S. Environmental Protection Agency	RSL	Regional Screening Level
feet bgs	Feet below ground surface	SWRCB	State Water Resources Control Board
FSW	Field Sampling Worplan	TSCA	Toxic Substance Control Act
GW	Groundwater	U	Not detected

Table 3: CCCT Locations Detected Metals Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth (feet bgs)	Units	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt
			CHHSL Residential		30		5200	16	1.7		100000	660
			CHHSL C/I		380		63000	190	7.5		100000	3200
			Background			16						
			EPA RSL Residential	77000	31	0.39	15000	160	70		120000	23
			EPA RSL C/I	990000	410	1.6	190000	2000	800		1500000	300
			SWRCB ESL - GW is Drinking Water Source, Residential		6.3	0.39	750	4	1.7		750	40
			SWRCB ESL - GW is Drinking Water Source, C/I		40	1.6	1500	8	7.4		750	80
			SWRCB ESL - GW is Not a Drinking Water Source, Residential		6.3	0.39	750	4	1.7		750	40
			SWRCB ESL - GW is Not a Drinking Water Source, C/I		40	1.6	1500	8	7.4		750	80
			Hawaii DOH EAL Residential		1.6	23	3100	31	14		23000	4.7
			Hawaii DOH EAL C/I		11	95	4300	150	120		310000	38
PCB41	**CCCT01**	0-0.5	mg/kg	14500	0.767	16	235	0.536	4.83	4000	41.8	31.4
PCB42	**CCCT01**	1.5-2.0	mg/kg	24200	0.566U	5.83	214	0.465J	0.574	3130	66.7	6.71
PCB43	**CCCT02**	0-0.5	mg/kg	12500	1.06	22	238	0.208J	0.486J	1440	37.3	8
PCB44	**CCCT02**	1.5-2.0	mg/kg	23100	0.591U	5.58	205	0.64	0.543J	3100	57.6	38.7
PCB47	**CCCT04**	0-0.5	mg/kg	13300	0.337J	4.97	208	0.89	0.253J	14200	17.9	11.8
PCB48	**CCCT04**	1.5-2.0	mg/kg	14800	0.246J	5.39	225	0.361J	0.255J	1150	42.3	16
PCB49	**CCCT05**	0-0.5	mg/kg	10000	1.83	33.3	145	0.33J	0.92	1620	30.3	9.6
PCB50	**CCCT05**	1.5-2.0	mg/kg	12000	1.42	27	210	0.308J	0.456J	1350	38.2	13.2
PCB51	**CCCT06**	0-0.5	mg/kg	16000	1.04	16.9	219	0.425J	0.711	3090	49.3	19.7

Table 3: CCCT Locations Detected Metals Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth (feet bgs)	Units	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium
			CHHSL Residential	3000		80			18	380	1600	
			CHHSL C/I	38000		320			180	4800	16000	
			Background									
			EPA RSL Residential	3100	55000	400		1800	10	310	3800	
			EPA RSL C/I	41000	720000	800		23000	43	5100	47000	
			SWRCB ESL - GW is Drinking Water Source, Residential	230		200			1.3	40	150	
			SWRCB ESL - GW is Drinking Water Source, C/I	230		750			10	40	150	
			SWRCB ESL - GW is Not a Drinking Water Source, Residential	230		200			1.3	40	150	
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	230		750			10	40	150	
			Hawaii DOH EAL Residential	630		200			4.7	78	760	
			Hawaii DOH EAL C/I	8200		800			61	1000	870	
PCB41	**CCCT01**	0-0.5	mg/kg	1780	45700	189	3410	1330	3.91	1.78	57.9	1010
PCB42	**CCCT01**	1.5-2.0	mg/kg	208	25900	10.6	5060	242	0.169	0.347J	37.1	630
PCB43	**CCCT02**	0-0.5	mg/kg	443	68100	467	1990	327	2.57	2.85	22.4	1230
PCB44	**CCCT02**	1.5-2.0	mg/kg	362	23300	12.7	3880	1060	0.128	0.357J	40.6	754
PCB47	**CCCT04**	0-0.5	mg/kg	28.5	21500	18	4030	513	0.198	0.589	23.9	3200
PCB48	**CCCT04**	1.5-2.0	mg/kg	401	16500	21.1	2130	775	0.159	0.453J	28.7	846
PCB49	**CCCT05**	0-0.5	mg/kg	546	134000	76.5	2130	245	1.1	5.14	26.5	1070
PCB50	**CCCT05**	1.5-2.0	mg/kg	845	142000	105	3120	179	0.695	7.23	33.9	1560
PCB51	**CCCT06**	0-0.5	mg/kg	428	60300	61.5	3830	612	0.838	4.18	49.1	1280

Table 3: CCCT Locations Detected Metals Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth (feet bgs)	Units	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
			CHHSL Residential	380	380		5	530	23000
			CHHSL C/I	4800	4800		63	6700	100000
			Background						
			EPA RSL Residential	390	390		0.78	390	23000
			EPA RSL C/I	5100	5100		10	5200	310000
			SWRCB ESL - GW is Drinking Water Source, Residential	10	20		1.3	16	600
			SWRCB ESL - GW is Drinking Water Source, C/I	10	40		16	200	600
			SWRCB ESL - GW is Not a Drinking Water Source, Residential	10	20		1.3	16	600
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	10	40		16	200	600
			Hawaii DOH EAL Residential	78	78		0.78	78	4700
			Hawaii DOH EAL C/I	1000	1000		10	1000	61000
PCB41	**CCCT01**	0-0.5	mg/kg	0.721	0.291J	223	0.377J	46.2	2010
PCB42	**CCCT01**	1.5-2.0	mg/kg	0.175J	0.127J	108J	0.162J	49.9	321
PCB43	**CCCT02**	0-0.5	mg/kg	0.928	0.392J	113	0.453J	37.1	134
PCB44	**CCCT02**	1.5-2.0	mg/kg	0.186J	0.591U	102J	0.131J	46.8	141
PCB47	**CCCT04**	0-0.5	mg/kg	0.192J	0.456U	89.4J	0.167J	30.9	58.3
PCB48	**CCCT04**	1.5-2.0	mg/kg	0.186J	0.553U	61.2J	0.553U	41.4	41.7
PCB49	**CCCT05**	0-0.5	mg/kg	1.56	1.38	159	0.69	32.4	360
PCB50	**CCCT05**	1.5-2.0	mg/kg	2.16	1.22	186	1.32	32.4	167
PCB51	**CCCT06**	0-0.5	mg/kg	1.06	0.567	140	0.593	44.5	146

Notes:

CCCT	California Cap Company Transformer	FSW	Field Sampling Worplan
CHHSL	California Human Health Screening Level	GW	Groundwater
C/I	Commercial/Industrial	ID	Identification
DOH	Department of Health	J	Estimated value
EAL	Environmental Action Level	mg/kg	Milligrams per kilogram
EPA	U.S. Environmental Protection Agency	RSL	Regional Screening Level
feet bgs	Feet below ground surface	SWRCB	State Water Resources Control Board
		U	Not detected

Table 4: CCCT Locations Detected TPH Summary in mg/kg

Phase II FSW Sampling Results, Technical Memorandum

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

Sample ID	Sample Location	Depth (feet bgs)	Units	TPH as Gasoline	TPH - Diesel Range Organics	TPH - Oil Range Organics
			CHHSL Residential			
			CHHSL C/I			
			EPA RSL Residential			
			EPA RSL C/I			
			SWRCB ESL - GW is Drinking Water Source, Residential	83	83	370
			SWRCB ESL - GW is Drinking Water Source, C/I	83	83	2500
			SWRCB ESL - GW is Not a Drinking Water Source, Residential	100	100	370
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	180	180	2500
			Hawaii DOH EAL Residential	500	500	9400
			Hawaii DOH EAL C/I	1000	500	122000
PCB41	**CCCT01**	0-0.5	mg/kg	0.58J	6.9J	29
PCB42	**CCCT01**	1.5-2.0	mg/kg	1.4U	12U	12U
PCB43	**CCCT02**	0-0.5	mg/kg	0.76J	46	190
PCB44	**CCCT02**	1.5-2.0	mg/kg	1.5U	12U	12U
PCB47	**CCCT04**	0-0.5	mg/kg	2	10U	22
PCB48	**CCCT04**	1.5-2.0	mg/kg	1.3U	11U	11U
PCB49	**CCCT05**	0-0.5	mg/kg	1	180	280
PCB50	**CCCT05**	1.5-2.0	mg/kg	1.2U	12U	10J
PCB51	**CCCT06**	0-0.5	mg/kg	1.2U	61	47

Notes:

CCCT	California Cap Company Transformer	GW	Groundwater
CHHSL	California Human Health Screening Level	ID	Identification
C/I	Commercial/Industrial	J	Estimated value
DOH	Department of Health	mg/kg	Milligrams per kilogram
EAL	Environmental Action Level	RSL	Regional Screening Level
EPA	U.S. Environmental Protection Agency	SWRCB	State Water Resources Control Board

Table 5: CCCT Locations Detected SVOC Summary in mg/kg

Phase II FSW Sampling Results, Technical Memorandum

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

Sample ID	Sample Location	Depth (feet bgs)	Units	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
			CHHSL Residential							0.038		
			CHHSL C/I							0.13		
			EPA RSL Residential			3400		17000	0.15	0.015	0.15	
			EPA RSL C/I			33000		170000	2.1	0.21	2.1	
			SWRCB ESL - GW is Drinking Water Source, Residential		0.25	16	13	2.8	0.38	0.038	0.38	27
			SWRCB ESL - GW is Drinking Water Source, C/I		0.25	16	13	2.8	1.3	0.13	1.3	27
			SWRCB ESL - GW is Not a Drinking Water Source, Residential			19	13	2.8	0.38	0.038	0.38	27
			SWRCB ESL - GW is Not a Drinking Water Source, C/I			19	13	2.8	1.3	0.13	1.3	27
			Hawaii DOH EAL Residential	98	47	620	320		1.5	0.15	1.5	460
			Hawaii DOH EAL C/I	290	400	5300	2200		21	2.1	21	4400
PCB41	**CCCT01**	0-0.5	mg/kg	0.0037J	0.0046J	0.0055U	0.017	0.014	0.068	0.084	0.14	0.069
PCB42	**CCCT01**	1.5-2.0	mg/kg	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U
PCB43	**CCCT02**	0-0.5	mg/kg	0.039	0.04	0.022U	0.11	0.077	1.3	1.9	2.6	1.4
PCB44	**CCCT02**	1.5-2.0	mg/kg	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U
PCB47	**CCCT04**	0-0.5	mg/kg	0.0052U	0.0052U	0.0052U	0.0071	0.0089	0.03	0.13	0.19	0.11
PCB48	**CCCT04**	1.5-2.0	mg/kg	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U
PCB49	**CCCT05**	0-0.5	mg/kg	0.012	0.013	0.025	0.043	0.026	0.096	0.14	0.24	0.097
PCB50	**CCCT05**	1.5-2.0	mg/kg	0.0062U	0.0043J	0.0062U	0.0046J	0.0034J	0.014	0.019	0.039	0.022
PCB51	**CCCT06**	0-0.5	mg/kg	0.0098	0.0063	0.0056U	0.026	0.011	0.046	0.11	0.19	0.1

Table 5: CCCT Locations Detected SVOC Summary in mg/kg

Phase II FSW Sampling Results, Technical Memorandum

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

Sample ID	Sample Location	Depth (feet bgs)	Units	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE
			CHHSL Residential									
			CHHSL C/I									
			EPA RSL Residential	1.5	15	0.015	2300	2300	0.15	3.6		1700
			EPA RSL C/I	21	210	0.21	22000	22000	2.1	18		17000
			SWRCB ESL - GW is Drinking Water Source, Residential	0.38	23	0.062	40	8.9	0.62	1.3	11	85
			SWRCB ESL - GW is Drinking Water Source, C/I	1.3	23	0.21	40	8.9	2.1	2.8	11	85
			SWRCB ESL - GW is Not a Drinking Water Source, Residential	0.38	23	0.062	40	8.9	0.62	1.3	11	85
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	1.3	23	0.21	40	8.9	2.1	2.8	11	85
			Hawaii DOH EAL Residential	15	150	0.15	460	440	1.5	28	440	340
			Hawaii DOH EAL C/I	210	2100	2.1	4400	3900	21	96	4100	3300
PCB41	**CCCT01**	0-0.5	mg/kg	0.046	0.11	0.017	0.22	0.0055U	0.061	0.0044J	0.13	0.21
PCB42	**CCCT01**	1.5-2.0	mg/kg	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U
PCB43	**CCCT02**	0-0.5	mg/kg	0.7	1.8	0.5	2.8	0.034	1.1	0.065	1.6	2.5
PCB44	**CCCT02**	1.5-2.0	mg/kg	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U
PCB47	**CCCT04**	0-0.5	mg/kg	0.057	0.078	0.028	0.034	0.0052U	0.097	0.0052U	0.026	0.031
PCB48	**CCCT04**	1.5-2.0	mg/kg	0.0057U	0.0057U	0.0057U	0.005J	0.0057U	0.0057U	0.0057U	0.0057U	0.0032J
PCB49	**CCCT05**	0-0.5	mg/kg	0.063	0.19	0.022	0.5	0.011U	0.11	0.016	0.36	0.41
PCB50	**CCCT05**	1.5-2.0	mg/kg	0.01	0.019	0.0043J	0.059	0.0062U	0.021	0.0062U	0.041	0.047
PCB51	**CCCT06**	0-0.5	mg/kg	0.055	0.12	0.023	0.27	0.0056U	0.1	0.0062	0.21	0.21

Notes:

CCCT	California Cap Company Transformer	feet bgs	Feet below ground surface	RSL	Regional Screening Level
CHHSL	California Human Health Screening Level	FSW	Field Sampling Worplan	SVOC	Semivolatile organic compunds
C/I	Commercial/Industrial	GW	Groundwater	SWRCB	State Water Resources Control Board
DOH	Department of Health	ID	Identification	U	Not detected
EAL	Environmental Action Level	J	Estimated value		
EPA	U.S. Environmental Protection Agency	mg/kg	Milligrams per kilogram		

Table 6: Corporation Yard Locations Detected VOC Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	Ethylbenzene	m,p-Xylene	o-Xylene	Tricloroethlyene
			CHHSL Residential				
			CHHSL C/I				
			EPA RSL Residential	5.4	590	690	0.91
			EPA RSL C/I	27	2,500	3,000	6.4
			SWRCB ESL - GW is Drinking Water Source, Residential				
			SWRCB ESL - GW is Drinking Water Source, C/I				
			SWRCB ESL - GW is Not a Drinking Water Source,				
			SWRCB ESL - GW is Not a Drinking Water Source, C/I				
			Hawaii DOH EAL Residential		120	120	2.8
			Hawaii DOH EAL C/I		390	390	14
CY0101	**CY01**	0-0.5	mg/kg	0.006U	0.012U	0.006U	0.006U
CY0102	**CY01**	2-2.5	mg/kg	0.0052U	0.01U	0.0052U	0.0052U
CY0103	**CY01**	4-4.5	mg/kg	0.0072U	0.014U	0.0072U	0.0072U
CY0104	**CY01**	6-6.5	mg/kg	0.0046U	0.0091U	0.0046U	0.0046U
CY0201	**CY02**	0-0.5	mg/kg	0.0048U	0.0097U	0.0048U	0.0048U
CY0202	**CY02**	2-2.5	mg/kg	0.0065U	0.013U	0.0065U	0.0065U
CY0203	**CY02**	4-4.5	mg/kg	0.0057U	0.011U	0.0057U	0.0057U
CY0203D	**CY02**	4-4.5	mg/kg	0.006U	0.012U	0.006U	0.006U
CY0204	**CY02**	6-6.5	mg/kg	0.005U	0.01U	0.005U	0.005U
CY0301	**CY03**	0-0.5	mg/kg	0.0057U	0.011U	0.0057U	0.0057U
CY0302	**CY03**	2-2.5	mg/kg	0.0059U	0.012U	0.0059U	0.0059U
CY0303	**CY03**	4-4.5	mg/kg	0.0051U	0.01U	0.0051U	0.0051U
CY0304	**CY03**	6-6.5	mg/kg	0.0051U	0.01U	0.0051U	0.0051U
CY0401	**CY04**	0-0.5	mg/kg	0.0011J	0.0025J	0.003J	0.0011J
CY0402	**CY04**	2-2.5	mg/kg	0.0054U	0.011U	0.0054U	0.0054U
CY0403	**CY04**	4-4.5	mg/kg	0.0067U	0.013U	0.0067U	0.0067U
CY0404	**CY04**	6-6.5	mg/kg	0.0046U	0.0091U	0.0046U	0.0046U
CY0501	**CY05**	0-0.5	mg/kg	0.0071U	0.014U	0.0071U	0.0071U
CY0502	**CY05**	2-2.5	mg/kg	0.006U	0.012U	0.006U	0.006U
CY0503	**CY05**	4-4.5	mg/kg	0.0053U	0.011U	0.0053U	0.0053U
CY0504	**CY05**	6-6.5	mg/kg	0.0054U	0.011U	0.0054U	0.0054U
CY0601	**CY06**	0-0.5	mg/kg	0.0057U	0.011U	0.0012J	0.0057U
CY0601D	**CY06**	0-0.5	mg/kg	0.0065U	0.013U	0.0016J	0.0065U
CY0602	**CY06**	2-2.5	mg/kg	0.0066U	0.013U	0.0066U	0.0066U
CY0602D	**CY06**	2-2.5	mg/kg	0.0054U	0.011U	0.0054U	0.0054U
CY0603	**CY06**	4-4.5	mg/kg	0.0051U	0.01U	0.0051U	0.0051U
CY0603D	**CY06**	4-4.5	mg/kg	0.0059U	0.012U	0.0059U	0.0059U
CY0604	**CY06**	6-6.5	mg/kg	0.0049U	0.0099U	0.0049U	0.0049U
CY0604D	**CY06**	6-6.5	mg/kg	0.0054U	0.011U	0.0054U	0.0054U
CY0701	**CY07**	0-0.5	mg/kg	0.007U	0.014U	0.007U	0.007U
CY0702	**CY07**	2-2.5	mg/kg	0.0052U	0.01U	0.0052U	0.0052U
CY0703	**CY07**	4-4.5	mg/kg	0.0046U	0.0092U	0.0046U	0.0046U
CY0704	**CY07**	6-6.5	mg/kg	0.0057U	0.011U	0.0057U	0.0057U

Table 6: Corporation Yard Locations Detected VOC Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	Ethylbenzene	m,p-Xylene	o-Xylene	Tricloroethlyene
			CHHSL Residential				
			CHHSL C/I				
			EPA RSL Residential	5.4	590	690	0.91
			EPA RSL C/I	27	2,500	3,000	6.4
			SWRCB ESL - GW is Drinking Water Source, Residential				
			SWRCB ESL - GW is Drinking Water Source, C/I				
			SWRCB ESL - GW is Not a Drinking Water Source,				
			SWRCB ESL - GW is Not a Drinking Water Source, C/I				
			Hawaii DOH EAL Residential		120	120	2.8
			Hawaii DOH EAL C/I		390	390	14
CY0801	**CY08**	0-0.5	mg/kg	0.0046U	0.0092U	0.0046U	0.0046U
CY0802	**CY08**	2-2.5	mg/kg	0.005U	0.01U	0.005U	0.005U
CY0803	**CY08**	4-4.5	mg/kg	0.0057U	0.011U	0.0057U	0.0057U
CY0804	**CY08**	6-6.5	mg/kg	0.0045U	0.0091U	0.0045U	0.0017J
CY0901	**CY09**	0-0.5	mg/kg	0.0064U	0.013U	0.0064U	0.0064U
CY0902	**CY09**	2-2.5	mg/kg	0.0058U	0.012U	0.0058U	0.0058U
CY0903	**CY09**	4-4.5	mg/kg	0.0059U	0.012U	0.0059U	0.0059U
CY1001	**CY10**	0-0.5	mg/kg	0.0084U	0.017U	0.0084U	0.0084U
CY1002	**CY10**	2-2.5	mg/kg	0.0048U	0.0097U	0.0048U	0.0048U
CY1003	**CY10**	4-4.5	mg/kg	0.0061U	0.012U	0.0061U	0.0061U
CY1101	**CY11**	0-0.5	mg/kg	0.0078U	0.016U	0.0078U	0.0078U
CY1102	**CY11**	2-2.5	mg/kg	0.0048U	0.0097U	0.0048U	0.0048U
CY1103	**CY11**	4-4.5	mg/kg	0.0049U	0.0097U	0.0049U	0.0049U
CY1201	**CY12**	0-0.5	mg/kg	0.0047U	0.0095U	0.0047U	0.0047U
CY1202	**CY12**	2-2.5	mg/kg	0.0056U	0.011U	0.0056U	0.0056U
CY1203	**CY12**	4-4.5	mg/kg	0.006U	0.012U	0.006U	0.006U

Notes:

CCCT	California Cap Company Transformer	GW	Groundwater
CHHSL	California Human Health Screening Level	ID	Identification
C/I	Commercial/Industrial	J	Estimated value
DOH	Department of Health	mg/kg	Milligrams per kilogram
EAL	Environmental Action Level	RSL	Regional Screening Level
EPA	U.S. Environmental Protection Agency	SWRCB	State Water Resources Control Board
feet bgs	Feet below ground surface	U	Not detected
FSW	Field Sampling Worplan	VOC	Volatile organic compunds

Table 7: Corporation Yard Locations Detected SVOC Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE
			CHHSL Residential								0.038												
			CHHSL C/I								0.13												
			EPA RSL Residential			310	3400		17000	0.15	0.015	0.15		1.5		15	0.015	2300	2300	0.15	3.6		1700
			EPA RSL C/I			3100	33000		170000	2.1	0.21	2.1		21		210	0.21	22000	22000	2.1	18		17000
			SWRCB ESL - GW is Drinking Water Source, Residential		0.25		16	13	2.8	0.38	0.038	0.38	27	0.38		23	0.062	40	8.9	0.62	1.3	11	85
			SWRCB ESL - GW is Drinking Water Source, C/I		0.25		16	13	2.8	1.3	0.13	1.3	27	1.3		23	0.21	40	8.9	2.1	2.8	11	85
			SWRCB ESL - GW is Not a Drinking Water Source,				19	13	2.8	0.38	0.038	0.38	27	0.38		23	0.062	40	8.9	0.62	1.3	11	85
			SWRCB ESL - GW is Not a Drinking Water Source, C/I				19	13	2.8	1.3	0.13	1.3	27	1.3		23	0.21	40	8.9	2.1	2.8	11	85
			Hawaii DOH EAL Residential	98	47		620	320		1.5	0.15	1.5	460	15		150	0.15	460	440	1.5	28	440	340
			Hawaii DOH EAL C/I	290	400		5300	2200		21	2.1	21	4400	210		2100	2.1	4400	3900	21	96	4100	3300
CY0101	**CY01**	0-0.5	mg/kg	0.021U	0.021U	1.4U	0.048	0.014J	0.071	0.36	0.53	0.76	0.45	0.26	1.4U	0.45	0.11	0.95	0.021U	0.38	0.021U	0.38	0.96
CY0102	**CY01**	2-2.5	mg/kg	0.0062U	0.0062U	0.41U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.41U	0.0062U	0.0062U	0.0041J	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U
CY0103	**CY01**	4-4.5	mg/kg	0.0062U	0.0062U	0.42U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.42U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U
CY0104	**CY01**	6-6.5	mg/kg	0.0057U	0.0057U	0.38U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.38U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0038J
CY0201	**CY02**	0-0.5	mg/kg	0.0053U	0.0053U	0.35U	0.0053U	0.0053U	0.0053U	0.0066	0.0071	0.016	0.0074	0.0037J	0.35U	0.0079	0.0053U	0.014	0.0053U	0.0058	0.0053U	0.012	0.014
CY0202	**CY02**	2-2.5	mg/kg	0.0056U	0.0056U	0.38U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.38U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U
CY0203	**CY02**	4-4.5	mg/kg	0.0062U	0.0062U	0.42U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.42U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U
CY0203D	**CY02**	4-4.5	mg/kg	0.0064U	0.0064U	0.43U	0.0064U	0.0064U	0.0064U	0.0064U	0.0064U	0.0064U	0.0064U	0.0064U	0.43U	0.0064U	0.0064U	0.0064U	0.0064U	0.0064U	0.0064U	0.0064U	0.0064U
CY0204	**CY02**	6-6.5	mg/kg	0.0057U	0.0057U	0.38U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.38U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U	0.0057U
CY0301	**CY03**	0-0.5	mg/kg	0.1	0.1	1.9J	2.1	0.15	3.5	10	11	14	5.8	4.7	2.6J	12	1.5	28	1.2	5.2	0.12	18	29
CY0302	**CY03**	2-2.5	mg/kg	0.0057U	0.0057U	0.38U	0.0057U	0.0057U	0.0057U	0.0083	0.0086	0.011	0.0046J	0.0034J	0.38U	0.0082	0.0057U	0.023	0.0057U	0.0055J	0.0057U	0.015	0.022
CY0303	**CY03**	4-4.5	mg/kg	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U
CY0304	**CY03**	6-6.5	mg/kg	0.006U	0.006U	0.4U	0.0036J	0.006U	0.0042J	0.012	0.012	0.015	0.0063	0.0051J	0.4U	0.012	0.006U	0.033	0.006U	0.0061	0.006U	0.026	0.031
CY0401	**CY04**	0-0.5	mg/kg	0.021U	0.021U	1.4U	0.021U	0.021U	0.021U	0.11	0.31	0.52	0.47	0.14	1.4U	0.19	0.1	0.22	0.021U	0.37	0.021U	0.1	0.21
CY0402	**CY04**	2-2.5	mg/kg	0.0057U	0.0057U	0.38U	0.0057U	0.0057U	0.0057U	0.0058	0.014	0.026	0.021	0.0052J	0.38U	0.0066	0.0067	0.0086	0.0057U	0.016	0.0057U	0.0057U	0.0077
CY0403	**CY04**	4-4.5	mg/kg	0.0059U	0.0059U	0.4U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.4U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U
CY0404	**CY04**	6-6.5	mg/kg	0.0058U	0.0058U	0.38U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.38U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U
CY0501	**CY05**	0-0.5	mg/kg	0.0055U	0.0055U	0.37U	0.0055U	0.0049J	0.0052J	0.025	0.038	0.073	0.037	0.022	0.37U	0.044	0.012	0.08	0.0055U	0.031	0.0055U	0.033	0.074
CY0502	**CY05**	2-2.5	mg/kg	0.0058U	0.0058U	0.38U	0.0058U	0.0031J	0.0046J	0.012	0.0093	0.035	0.011	0.01	0.38U	0.031	0.0058U	0.076	0.0058U	0.012	0.0058U	0.026	0.051
CY0503	**CY05**	4-4.5	mg/kg	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U
CY0504	**CY05**	6-6.5	mg/kg	0.0058U	0.0058U	0.38U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.38U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U	0.0058U
CY0601	**CY06**	0-0.5	mg/kg	0.023	0.025	0.72U	0.011U	0.023	0.024	0.061	0.21	0.26	0.2	0.063	0.72U	0.12	0.033	0.22	0.011U	0.14	0.023	0.16	0.19
CY0601D	**CY06**	0-0.5	mg/kg	0.037	0.045	1.4U	0.022U	0.096	0.059	0.21	0.36	0.7	0.33	0.17	1.4U	0.39	0.064	1.1	0.022U	0.29	0.042	0.99	0.79
CY0602	**CY06**	2-2.5	mg/kg	0.0059U	0.0059U	0.39U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.39U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U
CY0602D	**CY06**	2-2.5	mg/kg	0.0059U	0.0059U	0.39U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.39U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U
CY0603	**CY06**	4-4.5	mg/kg	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U
CY0603D	**CY06**	4-4.5	mg/kg	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U
CY0604	**CY06**	6-6.5	mg/kg	0.0059U	0.0059U	0.4U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.4U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U
CY0604D	**CY06**	6-6.5	mg/kg	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U

Table 7: Corporation Yard Locations Detected SVOC Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE
			CHHSL Residential								0.038												
			CHHSL C/I								0.13												
			EPA RSL Residential			310	3400		17000	0.15	0.015	0.15		1.5		15	0.015	2300	2300	0.15	3.6		1700
			EPA RSL C/I			3100	33000		170000	2.1	0.21	2.1		21		210	0.21	22000	22000	2.1	18		17000
			SWRCB ESL - GW is Drinking Water Source, Residential		0.25		16	13	2.8	0.38	0.038	0.38	27	0.38		23	0.062	40	8.9	0.62	1.3	11	85
			SWRCB ESL - GW is Drinking Water Source, C/I		0.25		16	13	2.8	1.3	0.13	1.3	27	1.3		23	0.21	40	8.9	2.1	2.8	11	85
			SWRCB ESL - GW is Not a Drinking Water Source,				19	13	2.8	0.38	0.038	0.38	27	0.38		23	0.062	40	8.9	0.62	1.3	11	85
			SWRCB ESL - GW is Not a Drinking Water Source, C/I				19	13	2.8	1.3	0.13	1.3	27	1.3		23	0.21	40	8.9	2.1	2.8	11	85
			Hawaii DOH EAL Residential	98	47		620	320		1.5	0.15	1.5	460	15		150	0.15	460	440	1.5	28	440	340
			Hawaii DOH EAL C/I	290	400		5300	2200		21	2.1	21	4400	210		2100	2.1	4400	3900	21	96	4100	3300
CY0701	**CY07**	0-0.5	mg/kg	0.011U	0.011U	0.74U	0.011U	0.013	0.0067J	0.041	0.049	0.065	0.053	0.023	0.74U	0.039	0.019	0.083	0.011U	0.035	0.011U	0.032	0.073
CY0702	**CY07**	2-2.5	mg/kg	0.0059U	0.0059U	0.39U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.39U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U
CY0703	**CY07**	4-4.5	mg/kg	0.0059U	0.0059U	0.39U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.39U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U
CY0704	**CY07**	6-6.5	mg/kg	0.0056U	0.0056U	0.37U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.37U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U	0.0056U
CY0801	**CY08**	0-0.5	mg/kg	0.0053U	0.0032J	0.35U	0.0053U	0.0053U	0.0053U	0.007	0.0058	0.014	0.0066	0.0053U	0.35U	0.0068	0.0053U	0.017	0.0053U	0.0053	0.0053U	0.013	0.013
CY0802	**CY08**	2-2.5	mg/kg	0.0061U	0.0061U	0.4U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.4U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U
CY0803	**CY08**	4-4.5	mg/kg	0.0063U	0.0063U	0.42U	0.0063U	0.0063U	0.0063U	0.0063U	0.0063U	0.0063U	0.0063U	0.0063U	0.42U	0.0063U	0.0063U	0.0063U	0.0063U	0.0063U	0.0063U	0.0063U	0.0063U
CY0804	**CY08**	6-6.5	mg/kg	0.0059U	0.0059U	0.39U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.39U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U	0.0059U
CY0901	**CY09**	0-0.5	mg/kg	0.0076J	0.012J	0.82U	0.058	0.0074J	0.083	0.43	0.5	0.61	0.3	0.21	0.82U	0.56	0.079	1.1	0.027	0.16	0.01J	0.48	1.1
CY0902	**CY09**	2-2.5	mg/kg	0.0061U	0.0061U	0.41U	0.0061U	0.0061U	0.0061U	0.0036J	0.0061U	0.0061U	0.0061U	0.0061U	0.41U	0.0061U	0.0061U	0.0045J	0.0061U	0.0061U	0.0061U	0.0061U	0.0035J
CY0903	**CY09**	4-4.5	mg/kg	0.0061U	0.0061U	0.41U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.41U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U
CY1001	**CY10**	0-0.5	mg/kg	0.012U	0.012U	0.78U	0.012U	0.0068J	0.012U	0.039	0.031	0.047	0.03	0.012	0.78U	0.025	0.0093J	0.058	0.012U	0.011J	0.012U	0.025	0.053
CY1002	**CY10**	2-2.5	mg/kg	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U
CY1003	**CY10**	4-4.5	mg/kg	0.0061U	0.0061U	0.41U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.41U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U
CY1101	**CY11**	0-0.5	mg/kg	0.014	0.0089J	1.4	0.011U	0.14	0.03	0.16	0.22	0.33	0.19	0.082	0.74U	0.2	0.031	0.51	0.011U	0.23	0.011J	0.22	0.42
CY1102	**CY11**	2-2.5	mg/kg	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.4U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U
CY1103	**CY11**	4-4.5	mg/kg	0.0061U	0.0061U	0.41U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.41U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U
CY1201	**CY12**	0-0.5	mg/kg	0.022U	0.022U	1.4U	0.022U	0.022U	0.022U	0.066	0.065	0.1	0.047	0.026	1.4U	0.06	0.022U	0.13	0.022U	0.023	0.022U	0.063	0.13
CY1202	**CY12**	2-2.5	mg/kg	0.0062U	0.0062U	0.41U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.41U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U	0.0062U
CY1203	**CY12**	4-4.5	mg/kg	0.0061U	0.0061U	0.41U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.41U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U	0.0061U

Notes:

CHHSL	California Human Health Screening Level	feet bgs	Feet below ground surface	RSL	Regional Screening Level
C/I	Commercial/Industrial	FSW	Field Sampling Worplan	SVOC	Semivolatile organic compunds
DOH	Department of Health	GW	Groundwater	SWRCB	State Water Resources Control Board
EAL	Environmental Action Level	ID	Identification	U	Not detected
EPA	U.S. Environmental Protection Agency	J	Estimated value		
		mg/kg	Milligrams per kilogram		

Table 8: Corporation Yard Locations Detected Metals Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
			CHHSL Residential		30		5200	16	1.7		100000	660	3000		80
			CHHSL C/I		380		63000	190	7.5		100000	3200	38000		320
			Background			16									
			EPA RSL Residential	77000	31	0.39	15000	160	70		120000	23	3100	55000	400
			EPA RSL C/I	990000	410	1.6	190000	2000	800		1500000	300	41000	720000	800
			SWRCB ESL - GW is Drinking Water Source, Residential		6.3	0.39	750	4	1.7		750	40	230		200
			SWRCB ESL - GW is Drinking Water Source, C/I		40	1.6	1500	8	7.4		750	80	230		750
			SWRCB ESL - GW is Not a Drinking Water Source, Residential		6.3	0.39	750	4	1.7		750	40	230		200
			SWRCB ESL - GW is Not a Drinking Water Source, C/I		40	1.6	1500	8	7.4		750	80	230		750
			Hawaii DOH EAL Residential		1.6	23	3100	31	14		23000	4.7	630		200
			Hawaii DOH EAL C/I		11	95	4300	150	120		310000	38	8200		800
CY0101	**CY01**	0-0.5	mg/kg	13700	1.16	6.82	187	0.629	0.824	14300	25.9	10.9	46.4	23600	62.7
CY0102	**CY01**	2-2.5	mg/kg	21400	0.617U	3.34	171	0.298J	0.617U	3250	53.8	16.5	12.8	21500	5.18
CY0103	**CY01**	4-4.5	mg/kg	22900	0.617U	4.43	218	0.569J	0.635	82400	67.8	10.2	20.3	24400	5.9
CY0104	**CY01**	6-6.5	mg/kg	15400	0.544U	6.51	247	0.391J	0.173J	4440	63.1	8.43	13.9	21200	4.39
CY0201	**CY02**	0-0.5	mg/kg	12800	0.356J	5.48	176	0.742	0.245J	12700	16	19.3	21.9	18800	23.1
CY0202	**CY02**	2-2.5	mg/kg	18200	0.548U	4.1	114	0.444J	0.548U	3090	46.9	4.92	14.2	15500	5.88
CY0203	**CY02**	4-4.5	mg/kg	27300	0.588U	4.06	233	0.657	0.48J	26100	77.2	9.39	23.4	27200	6.57
CY0203D	**CY02**	4-4.5	mg/kg	25600	0.583U	4.36	751	0.912	0.401J	30700	72.8	19	21.7	26600	7.84
CY0204	**CY02**	6-6.5	mg/kg	16800	0.532U	5.34	178	0.446J	0.176J	7220	60.3	9.99	15.8	21400	5.23
CY0301	**CY03**	0-0.5	mg/kg	12000	1.31	9.29	218	0.413J	0.99	7110	39.7	10.3	107	21800	318
CY0302	**CY03**	2-2.5	mg/kg	19100	0.524U	7.27	357	0.654	0.159J	2660	47.1	50.4	17.1	20000	15.7
CY0303	**CY03**	4-4.5	mg/kg	24300	0.566U	8.34	313	0.987	0.215J	8730	68.1	12.5	27.1	30200	7.22
CY0304	**CY03**	6-6.5	mg/kg	20100	0.27J	10.6	185	0.553J	0.214J	4430	60.3	14	23.9	26700	7.4
CY0401	**CY04**	0-0.5	mg/kg	15900	0.359J	4.33	103	0.386J	0.673	18500	34.3	13.9	43.7	32400	25.5
CY0402	**CY04**	2-2.5	mg/kg	18400	0.556UJ	8.8	119	0.454J	0.174J	4500	47.5	5.52J	37UJ	16700	10.7
CY0403	**CY04**	4-4.5	mg/kg	23200	0.54U	2.97	186	0.677	0.199J	7240	65.4	5.85	21.5	23200	6.67
CY0404	**CY04**	6-6.5	mg/kg	17200	0.514U	6.89	158	0.442J	0.203J	5850	59.4	8.47	17.5	21500	5.36
CY0501	**CY05**	0-0.5	mg/kg	16200	0.584	40.1	178	0.217J	0.354J	1480	49.8	3.92	149	21200	52.7
CY0502	**CY05**	2-2.5	mg/kg	18500	0.523J	81	199	0.15J	0.198J	1050	57.6	2.82	93.3	30800	25.1
CY0503	**CY05**	4-4.5	mg/kg	22200	0.255J	7.15	161	0.735	0.98	7080	63.8	18.3	112	25600	6.25
CY0504	**CY05**	6-6.5	mg/kg	13500	0.354J	8.96	163	0.409J	0.422J	4490	49	10.1	22.3	21400	5.92

Table 8: Corporation Yard Locations Detected Metals Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
			CHHSL Residential		30		5200	16	1.7		100000	660	3000		80
			CHHSL C/I		380		63000	190	7.5		100000	3200	38000		320
			Background			16									
			EPA RSL Residential	77000	31	0.39	15000	160	70		120000	23	3100	55000	400
			EPA RSL C/I	990000	410	1.6	190000	2000	800		1500000	300	41000	720000	800
			SWRCB ESL - GW is Drinking Water Source, Residential		6.3	0.39	750	4	1.7		750	40	230		200
			SWRCB ESL - GW is Drinking Water Source, C/I		40	1.6	1500	8	7.4		750	80	230		750
			SWRCB ESL - GW is Not a Drinking Water Source, Residential		6.3	0.39	750	4	1.7		750	40	230		200
			SWRCB ESL - GW is Not a Drinking Water Source, C/I		40	1.6	1500	8	7.4		750	80	230		750
			Hawaii DOH EAL Residential		1.6	23	3100	31	14		23000	4.7	630		200
			Hawaii DOH EAL C/I		11	95	4300	150	120		310000	38	8200		800
CY0601	**CY06**	0-0.5	mg/kg	18700	2.21	15.9	320	0.45J	1.62	13300	40.5	17.7	381	41100	230
CY0601D	**CY06**	0-0.5	mg/kg	15500	2.21	14.6	298	0.515	1.83	9840	36.1	10.8	488	28600	274
CY0602	**CY06**	2-2.5	mg/kg	20200	0.523U	3.6	167	0.582	0.292J	3420	58.1	5.82	28.5	18500	9.8
CY0602D	**CY06**	2-2.5	mg/kg	21000	0.537U	3.52	141	0.625	0.324J	3790	59.6	6.25	27	18800	11.2
CY0603	**CY06**	4-4.5	mg/kg	21700	0.581U	6.44	284	0.595	0.398J	38400	70.5	11.1	23.6	25300	7.15
CY0603D	**CY06**	4-4.5	mg/kg	21500	0.59U	4.37	211	0.563J	0.394J	42800	68.2	7.4	21.4	24200	5.52
CY0604	**CY06**	6-6.5	mg/kg	17700	0.259J	11.5	208	0.483J	0.256J	4250	63.5	11	23.8	24100	6.17
CY0604D	**CY06**	6-6.5	mg/kg	17900	0.367J	13.1	231	0.518J	0.351J	7000	67.1	14.2	28.1	25600	7.51
CY0701	**CY07**	0-0.5	mg/kg	14500	0.836	12.5	242	0.484J	0.807	6600	38.9	13.4	235	19000	80.1
CY0702	**CY07**	2-2.5	mg/kg	18700	0.523U	3.41	206	0.556	0.119J	2450	49	5.4	14.9	16800	5.23
CY0703	**CY07**	4-4.5	mg/kg	18000	0.298J	12.4	102	0.463J	0.233J	7320	65.3	10.2	17.1	25000	5.76
CY0704	**CY07**	6-6.5	mg/kg	13500	0.661	8.99	575	0.333J	1.22	4070	56.8	13.1	25.7	22300	4.58
CY0801	**CY08**	0-0.5	mg/kg	12200	0.371J	4.55	314	0.716	0.309J	26900	20.1	12.4	32.8	17700	24.7
CY0802	**CY08**	2-2.5	mg/kg	21700	0.588U	4.83	83.9	0.654	0.164J	3310	62.2	13.3	18.2	21100	8.24
CY0803	**CY08**	4-4.5	mg/kg	19500	0.302J	8.54	226	0.526J	0.518J	90200	57	12	22.1	22700	5.9
CY0804	**CY08**	6-6.5	mg/kg	18700	0.294J	10.1	194	0.545J	0.205J	4200	63J	10.6	26.5	26000	5.75
CY0901	**CY09**	0-0.5	mg/kg	19100	4.5	31.7	1160	0.458J	1.92	22600	48.9	12.1	4560	50300	571
CY0902	**CY09**	2-2.5	mg/kg	20000	0.568U	2.92	155	0.552J	0.119J	3240	54.4	5.22	18	18300	6.95
CY0903	**CY09**	4-4.5	mg/kg	23100	0.556U	6.72	140	0.571	0.285J	17500	78.4	11.7	23.5	26800	6.51
CY1001	**CY10**	0-0.5	mg/kg	20300	1.98	27.8	312	0.485J	0.917	3830	53.2	8.12	1660	38300	401
CY1002	**CY10**	2-2.5	mg/kg	21100	0.565U	3.75	263	0.531J	0.207J	3700	57.5	14.3	25.8	20000	7.14

Table 8: Corporation Yard Locations Detected Metals Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
			CHHSL Residential		30		5200	16	1.7		100000	660	3000		80
			CHHSL C/I		380		63000	190	7.5		100000	3200	38000		320
			Background			16									
			EPA RSL Residential	77000	31	0.39	15000	160	70		120000	23	3100	55000	400
			EPA RSL C/I	990000	410	1.6	190000	2000	800		1500000	300	41000	720000	800
			SWRCB ESL - GW is Drinking Water Source, Residential		6.3	0.39	750	4	1.7		750	40	230		200
			SWRCB ESL - GW is Drinking Water Source, C/I		40	1.6	1500	8	7.4		750	80	230		750
			SWRCB ESL - GW is Not a Drinking Water Source, Residential		6.3	0.39	750	4	1.7		750	40	230		200
			SWRCB ESL - GW is Not a Drinking Water Source, C/I		40	1.6	1500	8	7.4		750	80	230		750
			Hawaii DOH EAL Residential		1.6	23	3100	31	14		23000	4.7	630		200
			Hawaii DOH EAL C/I		11	95	4300	150	120		310000	38	8200		800
CY1003	**CY10**	4-4.5	mg/kg	17200	0.299J	13.9	158	0.488J	0.278J	4710	51.1	12.5	37.6	24000	8.77
CY1101	**CY11**	0-0.5	mg/kg	16200	0.994	14.8	156	0.507J	0.848	7630	30.8	11.6	90.9	28300	65.4
CY1102	**CY11**	2-2.5	mg/kg	17700	0.568U	8.66	791	0.581	0.256J	2800	48.5	70.6	17.6	18500	10.2
CY1103	**CY11**	4-4.5	mg/kg	20200	0.591U	11.4	343	0.572J	0.267J	15800	57.6	20	22.7	25200	9.27
CY1201	**CY12**	0-0.5	mg/kg	15500	1.32	29.9	248	0.405J	0.843	5440	42.3	11	228	24500	103
CY1202	**CY12**	2-2.5	mg/kg	18700	0.558UJ	2.69	91.9J	0.598	1.87	3920	50.3	9.21J	69.1J	17800	8.08
CY1203	**CY12**	4-4.5	mg/kg	18600	0.294J	9.39	1070	0.555J	1.62	23700	52.7	11.8	199	22800	6.15

Table 8: Corporation Yard Locations Detected Metals Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
			CHHSL Residential			18	380	1600		380	380		5	530	23000
			CHHSL C/I			180	4800	16000		4800	4800		63	6700	100000
			Background												
			EPA RSL Residential		1800	10	310	3800		390	390		0.78	390	23000
			EPA RSL C/I		23000	43	5100	47000		5100	5100		10	5200	310000
			SWRCB ESL - GW is Drinking Water Source, Residential			1.3	40	150		10	20		1.3	16	600
			SWRCB ESL - GW is Drinking Water Source, C/I			10	40	150		10	40		16	200	600
			SWRCB ESL - GW is Not a Drinking Water Source, Residential			1.3	40	150		10	20		1.3	16	600
			SWRCB ESL - GW is Not a Drinking Water Source, C/I			10	40	150		10	40		16	200	600
			Hawaii DOH EAL Residential			4.7	78	760		78	78		0.78	78	4700
			Hawaii DOH EAL C/I			61	1000	870		1000	1000		10	1000	61000
CY0101	**CY01**	0-0.5	mg/kg	5830	477	0.81	1.05	29.6	2970	0.251J	0.152J	350	0.246J	33.9	136
CY0102	**CY01**	2-2.5	mg/kg	3980	252	0.0849J	0.617U	28.3	644	0.617U	0.617U	167	0.183J	36.4	38.2
CY0103	**CY01**	4-4.5	mg/kg	11000	370	0.035J	0.617U	82.9	987	0.617U	0.617U	293	0.14J	48.1	55.2
CY0104	**CY01**	6-6.5	mg/kg	7770	304	0.0568J	0.544U	51.5	560	0.544U	0.544U	265	0.544U	43.6	38.1
CY0201	**CY02**	0-0.5	mg/kg	4500	347	0.594	0.441J	22.9	3330	0.131J	0.986	115	0.15J	27.4	66.8
CY0202	**CY02**	2-2.5	mg/kg	2690	206	0.0424J	0.548U	25.8	639	0.165J	0.548U	139	0.111J	36.2	25.8
CY0203	**CY02**	4-4.5	mg/kg	12100	309	0.0805J	0.588U	179	1040	0.588U	0.168J	382	0.163J	53.3	57.5
CY0203D	**CY02**	4-4.5	mg/kg	9550	996	0.0696J	0.583U	99.2	969	0.118J	0.175J	353	0.171J	51.3	51.1
CY0204	**CY02**	6-6.5	mg/kg	8110	262	0.0576J	0.532U	64.3	648	0.532U	0.532U	296	0.532U	42.5	40.4
CY0301	**CY03**	0-0.5	mg/kg	3920	663	3.19	6.72	34.9	2140	0.4J	0.418J	179	0.136J	33.5	247
CY0302	**CY03**	2-2.5	mg/kg	2780	1980	0.0562J	0.792	44.7	755	0.248J	0.524U	243	0.175J	56.2	31.4
CY0303	**CY03**	4-4.5	mg/kg	10600	422	0.168	0.566U	106	843	0.566U	0.127J	1150	0.123J	55.5	55.8
CY0304	**CY03**	6-6.5	mg/kg	9720	496	0.126	0.252J	70.1	860	0.559U	0.559U	1260	0.134J	55.3	52.2
CY0401	**CY04**	0-0.5	mg/kg	9390	546	1.26	0.785	33.9	1660	0.183J	0.319J	474	0.523U	79	135
CY0402	**CY04**	2-2.5	mg/kg	2750	253	0.127	0.368J	27.4	628	0.213J	0.556U	116	0.261J	33.7	44
CY0403	**CY04**	4-4.5	mg/kg	7140	165	0.0833J	0.54U	91.1	809	0.54U	0.136J	172	0.112J	38.1	49.7
CY0404	**CY04**	6-6.5	mg/kg	7280	217	0.0456J	0.514U	55.5	908	0.514U	0.514U	181	0.514U	45.4	43.1
CY0501	**CY05**	0-0.5	mg/kg	1760	194	6.33	0.495J	22.9	686	0.381J	0.466J	164	0.14J	34.6	104
CY0502	**CY05**	2-2.5	mg/kg	1670	130	1.36	0.673	24.6	693	0.369J	0.173J	108J	0.138J	54.5	59.5
CY0503	**CY05**	4-4.5	mg/kg	8060	867	0.11J	0.567U	108	773	0.567U	0.148J	163	0.567U	47.8	234
CY0504	**CY05**	6-6.5	mg/kg	6600	910	0.174	0.43J	63.5	674	0.555U	0.555U	156	0.555U	47.8	53.9

Table 8: Corporation Yard Locations Detected Metals Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
			CHHSL Residential			18	380	1600		380	380		5	530	23000
			CHHSL C/I			180	4800	16000		4800	4800		63	6700	100000
			Background												
			EPA RSL Residential		1800	10	310	3800		390	390		0.78	390	23000
			EPA RSL C/I		23000	43	5100	47000		5100	5100		10	5200	310000
			SWRCB ESL - GW is Drinking Water Source, Residential			1.3	40	150		10	20		1.3	16	600
			SWRCB ESL - GW is Drinking Water Source, C/I			10	40	150		10	40		16	200	600
			SWRCB ESL - GW is Not a Drinking Water Source, Residential			1.3	40	150		10	20		1.3	16	600
			SWRCB ESL - GW is Not a Drinking Water Source, C/I			10	40	150		10	40		16	200	600
			Hawaii DOH EAL Residential			4.7	78	760		78	78		0.78	78	4700
			Hawaii DOH EAL C/I			61	1000	870		1000	1000		10	1000	61000
CY0601	**CY06**	0-0.5	mg/kg	7690	836	6.1	1.39	38.9	1920	0.714	4.5	522	0.152J	75.7	567
CY0601D	**CY06**	0-0.5	mg/kg	4550	593	5.5	1.62	33.6	2280	0.593	20.3	400	0.146J	44.5	648
CY0602	**CY06**	2-2.5	mg/kg	3570	239	0.0571J	0.523U	39.7	322	0.107J	0.132J	234	0.115J	36.2	99
CY0602D	**CY06**	2-2.5	mg/kg	3550	241	0.131	0.537U	42.3	338	0.116J	0.156J	231	0.537U	37.2	101
CY0603	**CY06**	4-4.5	mg/kg	10400	498	0.0971J	0.581U	84	888	0.581U	0.581U	534	0.581U	56.2	55.6
CY0603D	**CY06**	4-4.5	mg/kg	10700	239	0.101J	0.59U	66.5	846	0.59U	0.59U	543	0.123J	47.3	61.5
CY0604	**CY06**	6-6.5	mg/kg	9130	633	0.0692J	0.359J	76.2	783	0.54U	0.54U	724	0.54U	56.3	50.5
CY0604D	**CY06**	6-6.5	mg/kg	9920	905	0.164	0.439J	101	754	0.578U	0.578U	775	0.151J	60.1	55.7
CY0701	**CY07**	0-0.5	mg/kg	2680	691	6.05	0.909	29.4	1390	0.5J	0.304J	490	0.278J	35.4	205
CY0702	**CY07**	2-2.5	mg/kg	3520	234	0.0356J	0.523U	31	292	0.233J	0.523U	882	0.149J	35.6	26.1
CY0703	**CY07**	4-4.5	mg/kg	9670	415	0.0699J	0.521U	53.5	544	0.521U	0.521U	1130	0.521U	64.2	41
CY0704	**CY07**	6-6.5	mg/kg	6860	4690	0.0681J	3.23	163	762	0.541U	0.541U	420	0.18J	46	44.1
CY0801	**CY08**	0-0.5	mg/kg	4070	571	0.704	0.455J	27.9	2700	0.127J	0.488U	74.5J	0.117J	30.6	65
CY0802	**CY08**	2-2.5	mg/kg	4100	961	0.0667J	0.588U	51.4	327	0.152J	0.588U	553	0.588U	41.4	35.7
CY0803	**CY08**	4-4.5	mg/kg	11800	482	0.04J	0.571U	71.9	806	0.571U	0.571U	650	0.571U	55.2	47.3
CY0804	**CY08**	6-6.5	mg/kg	10200	365	0.106J	0.305J	55.2	701	0.546U	0.546U	602	0.239J	55.5	53.6
CY0901	**CY09**	0-0.5	mg/kg	4870	1520	6.62	2.09	47.7	2610	3.13	1.15	579	0.362J	42.3	782
CY0902	**CY09**	2-2.5	mg/kg	4440	198	0.69	0.568U	38	799	0.143J	0.568U	381	0.568U	32.1	32.1
CY0903	**CY09**	4-4.5	mg/kg	12100	243	0.0497J	0.556U	80.3	837	0.556U	0.556U	585	0.556U	54	55.6
CY1001	**CY10**	0-0.5	mg/kg	3690	323	5.5	1.36	33.8	912	3.12	0.447J	274	0.203J	44	241
CY1002	**CY10**	2-2.5	mg/kg	6290	1100	0.0353J	0.565U	112	395	0.144J	0.565U	450	0.565U	39.9	37.9

Table 8: Corporation Yard Locations Detected Metals Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
			CHHSL Residential			18	380	1600		380	380		5	530	23000
			CHHSL C/I			180	4800	16000		4800	4800		63	6700	100000
			Background												
			EPA RSL Residential		1800	10	310	3800		390	390		0.78	390	23000
			EPA RSL C/I		23000	43	5100	47000		5100	5100		10	5200	310000
			SWRCB ESL - GW is Drinking Water Source, Residential			1.3	40	150		10	20		1.3	16	600
			SWRCB ESL - GW is Drinking Water Source, C/I			10	40	150		10	40		16	200	600
			SWRCB ESL - GW is Not a Drinking Water Source, Residential			1.3	40	150		10	20		1.3	16	600
			SWRCB ESL - GW is Not a Drinking Water Source, C/I			10	40	150		10	40		16	200	600
			Hawaii DOH EAL Residential			4.7	78	760		78	78		0.78	78	4700
			Hawaii DOH EAL C/I			61	1000	870		1000	1000		10	1000	61000
CY1003	**CY10**	4-4.5	mg/kg	9680	638	0.0792J	0.21J	73.8	670	0.52U	0.52U	553	0.52U	54.6	46.1
CY1101	**CY11**	0-0.5	mg/kg	6750	867	1.02	0.889	31.2	2440	0.396J	0.273J	151	0.159J	44.2	171
CY1102	**CY11**	2-2.5	mg/kg	5020	4330	0.0258J	0.456J	95.3	307	0.568U	0.568U	1040	0.568U	54.8	28.4
CY1103	**CY11**	4-4.5	mg/kg	11700	1420	0.128	0.598	116	614	0.591U	0.591U	1610	0.591U	58.7	45.1
CY1201	**CY12**	0-0.5	mg/kg	3660	424	11.6	0.793	33.3	1620	1.13	0.518	153	0.208J	43.8	200
CY1202	**CY12**	2-2.5	mg/kg	4420	368	0.0979J	0.558U	52.6J	377	0.153J	0.558U	164	0.134J	29.6J	544J
CY1203	**CY12**	4-4.5	mg/kg	9630	441	0.0402J	0.59U	69.6	699	0.59U	0.59U	216	0.59U	51.3	505

Notes:

CHHSL	California Human Health Screening Level	GW	Groundwater
C/I	Commercial/Industrial	ID	Identification
DOH	Department of Health	J	Estimated value
EAL	Environmental Action Level	mg/kg	Milligrams per kilogram
EPA	U.S. Environmental Protection Agency	RSL	Regional Screening Level
feet bgs	Feet below ground surface	SWRCB	State Water Resources Control Board
FSW	Field Sampling Worplan	U	Not detected

Table 9: Corporation Yard Locations Detected PCB Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			CHHSL Residential	0.089	0.089	0.089	0.089	0.089	0.089	0.089
			CHHSL C/I	0.3	0.3	0.3	0.3	0.3	0.3	0.3
			EPA RSL Residential	3.9	0.14	0.14	0.22	0.22	0.22	0.22
			EPA RSL C/I	21	0.54	0.54	0.74	0.74	0.74	0.74
			SWRCB ESL - GW is Drinking Water Source, Residential	0.22	0.22	0.22	0.22	0.22	0.22	0.22
			SWRCB ESL - GW is Drinking Water Source, C/I	0.74	0.74	0.74	0.74	0.74	0.74	0.74
			SWRCB ESL - GW is Not a Drinking Water Source,	0.22	0.22	0.22	0.22	0.22	0.22	0.22
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	0.74	0.74	0.74	0.74	0.74	0.74	0.74
			Hawaii DOH EAL Residential	1.1	1.1	1.1	1.1	1.1	1.1	1.1
			Hawaii DOH EAL C/I	7.4	7.4	7.4	7.4	7.4	7.4	7.4
			TSCA high occupancy, no conditions	1	1	1	1	1	1	1
			TSCA high occupancy with cap	10	10	10	10	10	10	10
			TSCA low occupancy with no conditions	25	25	25	25	25	25	25
			TSCA low occupancy with cap	100	100	100	100	100	100	100
			ECO PCB Screen	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CY0101	**CY01**	0-0.5	mg/kg	0.035U	0.035U	0.035U	0.035U	0.035U	0.72	0.035U
CY0102	**CY01**	2-2.5	mg/kg	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U
CY0103	**CY01**	4-4.5	mg/kg	0.042U	0.042U	0.042U	0.042U	0.042U	0.042U	0.042U
CY0104	**CY01**	6-6.5	mg/kg	0.038U	0.038U	0.038U	0.038U	0.038U	0.038U	0.038U
CY0201	**CY02**	0-0.5	mg/kg	0.035U	0.035U	0.035U	0.035U	0.035U	0.2	0.035U
CY0202	**CY02**	2-2.5	mg/kg	0.038U	0.038U	0.038U	0.038U	0.038U	0.038U	0.038U
CY0203	**CY02**	4-4.5	mg/kg	0.042U	0.042U	0.042U	0.042U	0.042U	0.042U	0.042U
CY0203D	**CY02**	4-4.5	mg/kg	0.043U	0.043U	0.043U	0.043U	0.043U	0.043U	0.043U
CY0204	**CY02**	6-6.5	mg/kg	0.038U	0.038U	0.038U	0.038U	0.038U	0.038U	0.038U
CY0301	**CY03**	0-0.5	mg/kg	0.036U	0.036U	0.036U	0.036U	0.036U	2.3	0.036U
CY0302	**CY03**	2-2.5	mg/kg	0.038U	0.038U	0.038U	0.038U	0.038U	0.038U	0.038U
CY0303	**CY03**	4-4.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
CY0304	**CY03**	6-6.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
CY0401	**CY04**	0-0.5	mg/kg	0.035U	0.035U	0.035U	0.035U	0.035U	0.056	0.035U
CY0402	**CY04**	2-2.5	mg/kg	0.038U	0.038U	0.038U	0.038U	0.038U	0.038U	0.038U
CY0403	**CY04**	4-4.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
CY0404	**CY04**	6-6.5	mg/kg	0.038U	0.038U	0.038U	0.038U	0.038U	0.038U	0.038U
CY0501	**CY05**	0-0.5	mg/kg	0.037U	0.037U	0.037U	0.037U	0.037U	3.3	0.037U
CY0502	**CY05**	2-2.5	mg/kg	0.038U	0.038U	0.038U	0.038U	0.038U	0.038J	0.038U
CY0503	**CY05**	4-4.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
CY0504	**CY05**	6-6.5	mg/kg	0.038U	0.038U	0.038U	0.038U	0.038U	0.041	0.038U
CY0601	**CY06**	0-0.5	mg/kg	0.18U	0.18U	0.18U	0.18U	0.18U	5.5	0.18U
CY0601D	**CY06**	0-0.5	mg/kg	0.18U	0.18U	0.18U	0.18U	0.18U	5.4	0.18U
CY0602	**CY06**	2-2.5	mg/kg	0.039U	0.039U	0.039U	0.039U	0.039U	0.039U	0.039U
CY0602D	**CY06**	2-2.5	mg/kg	0.039U	0.039U	0.039U	0.039U	0.039U	0.039U	0.039U
CY0603	**CY06**	4-4.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
CY0603D	**CY06**	4-4.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
CY0604	**CY06**	6-6.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
CY0604D	**CY06**	6-6.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
CY0701	**CY07**	0-0.5	mg/kg	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U
CY0702	**CY07**	2-2.5	mg/kg	0.039U	0.039U	0.039U	0.039U	0.039U	0.039U	0.039U
CY0703	**CY07**	4-4.5	mg/kg	0.039U	0.039U	0.039U	0.039U	0.039U	0.039U	0.039U
CY0704	**CY07**	6-6.5	mg/kg	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U	0.037U
CY0801	**CY08**	0-0.5	mg/kg	0.035U	0.035U	0.035U	0.035U	0.035U	0.035U	0.033J
CY0802	**CY08**	2-2.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
CY0803	**CY08**	4-4.5	mg/kg	0.042U	0.042U	0.042U	0.042U	0.042U	0.042U	0.042U
CY0804	**CY08**	6-6.5	mg/kg	0.039U	0.039U	0.039U	0.039U	0.039U	0.039U	0.039U
CY0901	**CY09**	0-0.5	mg/kg	0.041U	0.041U	0.041U	0.041U	0.041U	0.11	0.041U

Table 9: Corporation Yard Locations Detected PCB Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			CHHSL Residential	0.089	0.089	0.089	0.089	0.089	0.089	0.089
			CHHSL C/I	0.3	0.3	0.3	0.3	0.3	0.3	0.3
			EPA RSL Residential	3.9	0.14	0.14	0.22	0.22	0.22	0.22
			EPA RSL C/I	21	0.54	0.54	0.74	0.74	0.74	0.74
			SWRCB ESL - GW is Drinking Water Source, Residential	0.22	0.22	0.22	0.22	0.22	0.22	0.22
			SWRCB ESL - GW is Drinking Water Source, C/I	0.74	0.74	0.74	0.74	0.74	0.74	0.74
			SWRCB ESL - GW is Not a Drinking Water Source,	0.22	0.22	0.22	0.22	0.22	0.22	0.22
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	0.74	0.74	0.74	0.74	0.74	0.74	0.74
			Hawaii DOH EAL Residential	1.1	1.1	1.1	1.1	1.1	1.1	1.1
			Hawaii DOH EAL C/I	7.4	7.4	7.4	7.4	7.4	7.4	7.4
			TSCA high occupancy, no conditions	1	1	1	1	1	1	1
			TSCA high occupancy with cap	10	10	10	10	10	10	10
			TSCA low occupancy with no conditions	25	25	25	25	25	25	25
			TSCA low occupancy with cap	100	100	100	100	100	100	100
			ECO PCB Screen	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CY0902	**CY09**	2-2.5	mg/kg	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U
CY0903	**CY09**	4-4.5	mg/kg	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U
CY1001	**CY10**	0-0.5	mg/kg	0.039U	0.039U	0.039U	0.039U	0.039U	0.029J	0.039U
CY1002	**CY10**	2-2.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
CY1003	**CY10**	4-4.5	mg/kg	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U
CY1101	**CY11**	0-0.5	mg/kg	0.037U	0.037U	0.037U	0.037U	0.037U	0.089	0.037U
CY1102	**CY11**	2-2.5	mg/kg	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
CY1103	**CY11**	4-4.5	mg/kg	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U
CY1201	**CY12**	0-0.5	mg/kg	0.036U	0.036U	0.036U	0.036U	0.036U	0.97	0.036U
CY1202	**CY12**	2-2.5	mg/kg	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U
CY1203	**CY12**	4-4.5	mg/kg	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U	0.041U

Notes:

CHHSL	California Human Health Screening Level	ID	Identification
C/I	Commercial/Industrial	J	Estimated value
DOH	Department of Health	mg/kg	Milligrams per kilogram
EAL	Environmental Action Level	PCB	Polychlorinated biphenyls
EPA	U.S. Environmental Protection Agency	RSL	Regional Screening Level
feet bgs	Feet below ground surface	SWRCB	State Water Resources Control Board
FSW	Field Sampling Worplan	TSCA	Toxic Substance Control Act
GW	Groundwater	U	Not detected

Table 10: Corporation Yard Locations Detected Pesticides Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	4,4'-DDD	4,4'-DDE	4,4'-DDT	Alpha-BHC	Alpha-Chlordane	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Gamma-Chlordane	Heptachlor Epoxide
			CHHSL Residential	2.3	1.6	1.6		0.43	0.035				21	0.5	0.13
			CHHSL C/I	9	6.3	6.3		1.7	0.13				230	2	0.52
			EPA RSL Residential	2	1.4	1.7		1.6	0.03	370	370	370	18	0.52	0.053
			EPA RSL C/I	7.2	5.1	7		6.5	0.11	3700	3700	3700	180	2.1	0.19
			SWRCB ESL - GW is Drinking Water Source, Residential	2.4	1.7	1.7		0.44	0.0023	0.0046	0.0046	0.0046	0.00065		0.014
			SWRCB ESL - GW is Drinking Water Source, C/I	10	4	4		1.7	0.0023	0.0046	0.0046	0.0046	0.00065		0.014
			SWRCB ESL - GW is Not a Drinking Water Source,	2.4	1.7	1.7		0.44	0.0023	0.0046	0.0046	0.0046	0.00065		0.014
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	10	4	4		1.7	0.0023	0.0046	0.0046	0.0046	0.00065		0.014
			Hawaii DOH EAL Residential	2	1.4	1.7		16	1.5	73	73	73	3.7	16	0.052
			Hawaii DOH EAL C/I	7.2	5.1	7		65	11	740	740	740	37	65	0.19
CY0101	**CY01**	0-0.5	mg/kg	0.0021U	0.014	0.0021U	0.0021U	0.0021U	0.0021U	0.0021U	0.012	0.0021U	0.012	0.0021U	0.0019J
CY0102	**CY01**	2-2.5	mg/kg	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U
CY0103	**CY01**	4-4.5	mg/kg	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U
CY0104	**CY01**	6-6.5	mg/kg	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U
CY0201	**CY02**	0-0.5	mg/kg	0.0021U	0.0028	0.0099	0.0021U	0.0021U	0.0044	0.0021U	0.0021U	0.0021U	0.0021U	0.0021U	0.0021J
CY0202	**CY02**	2-2.5	mg/kg	0.0023U	0.0023U	0.0023U	0.00085J	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U
CY0203	**CY02**	4-4.5	mg/kg	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U
CY0203D	**CY02**	4-4.5	mg/kg	0.0026U	0.0026U	0.0026U	0.0026U	0.0026U	0.0026U	0.0026U	0.0026U	0.0026U	0.0026U	0.0026U	0.0026U
CY0204	**CY02**	6-6.5	mg/kg	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U
CY0301	**CY03**	0-0.5	mg/kg	0.011J	0.022U	0.022U	0.022U	0.022U	0.031	0.0053J	0.022U	0.022U	0.022U	0.022U	0.052
CY0302	**CY03**	2-2.5	mg/kg	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U
CY0303	**CY03**	4-4.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY0304	**CY03**	6-6.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY0401	**CY04**	0-0.5	mg/kg	0.0021U	0.0021U	0.00058J	0.0021U	0.0021U	0.0015J	0.0021U	0.0021U	0.00088J	0.0021U	0.0021U	0.0029
CY0402	**CY04**	2-2.5	mg/kg	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U
CY0403	**CY04**	4-4.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY0404	**CY04**	6-6.5	mg/kg	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U
CY0501	**CY05**	0-0.5	mg/kg	0.011U	0.011U	0.011U	0.011U	0.011U	0.011U	0.011U	0.011U	0.011U	0.011U	0.011U	0.023
CY0502	**CY05**	2-2.5	mg/kg	0.0023U	0.0026J	0.011	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U
CY0503	**CY05**	4-4.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY0504	**CY05**	6-6.5	mg/kg	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U
CY0601	**CY06**	0-0.5	mg/kg	0.022U	0.022U	0.13	0.022U	0.0081J	0.078	0.022U	0.022U	0.022U	0.022U	0.022U	0.026
CY0601D	**CY06**	0-0.5	mg/kg	0.022U	0.022U	0.12	0.022U	0.0046J	0.077	0.022U	0.022U	0.022U	0.022U	0.022U	0.025
CY0602	**CY06**	2-2.5	mg/kg	0.0023U	0.0023U	0.00064J	0.0023U	0.0023U	0.0011J	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U
CY0602D	**CY06**	2-2.5	mg/kg	0.0023U	0.0023U	0.0012J	0.0023U	0.0023U	0.0012J	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U
CY0603	**CY06**	4-4.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY0603D	**CY06**	4-4.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY0604	**CY06**	6-6.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY0604D	**CY06**	6-6.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY0701	**CY07**	0-0.5	mg/kg	0.0022U	0.0019J	0.0081	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U
CY0702	**CY07**	2-2.5	mg/kg	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U
CY0703	**CY07**	4-4.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY0704	**CY07**	6-6.5	mg/kg	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U

Table 10: Corporation Yard Locations Detected Pesticides Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth	Units	4,4'-DDD	4,4'-DDE	4,4'-DDT	Alpha-BHC	Alpha-Chlordane	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Gamma-Chlordane	Heptachlor Epoxide
			CHHSL Residential	2.3	1.6	1.6		0.43	0.035				21	0.5	0.13
			CHHSL C/I	9	6.3	6.3		1.7	0.13				230	2	0.52
			EPA RSL Residential	2	1.4	1.7		1.6	0.03	370	370	370	18	0.52	0.053
			EPA RSL C/I	7.2	5.1	7		6.5	0.11	3700	3700	3700	180	2.1	0.19
			SWRCB ESL - GW is Drinking Water Source, Residential	2.4	1.7	1.7		0.44	0.0023	0.0046	0.0046	0.0046	0.00065		0.014
			SWRCB ESL - GW is Drinking Water Source, C/I	10	4	4		1.7	0.0023	0.0046	0.0046	0.0046	0.00065		0.014
			SWRCB ESL - GW is Not a Drinking Water Source,	2.4	1.7	1.7		0.44	0.0023	0.0046	0.0046	0.0046	0.00065		0.014
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	10	4	4		1.7	0.0023	0.0046	0.0046	0.0046	0.00065		0.014
			Hawaii DOH EAL Residential	2	1.4	1.7		16	1.5	73	73	73	3.7	16	0.052
			Hawaii DOH EAL C/I	7.2	5.1	7		65	11	740	740	740	37	65	0.19
CY0801	**CY08**	0-0.5	mg/kg	0.0021U	0.0021U	0.0021U	0.0021U	0.0021U	0.0021U	0.0021U	0.0021U	0.0021U	0.0021U	0.0021U	0.0021U
CY0802	**CY08**	2-2.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY0803	**CY08**	4-4.5	mg/kg	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U
CY0804	**CY08**	6-6.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY0901	**CY09**	0-0.5	mg/kg	0.0025U	0.0014J	0.015	0.0025U	0.0025U	0.0025U	0.0025U	0.0024J	0.0025U	0.0025U	0.0025U	0.0025U
CY0902	**CY09**	2-2.5	mg/kg	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U
CY0903	**CY09**	4-4.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY1001	**CY10**	0-0.5	mg/kg	0.0023U	0.0023U	0.021	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U	0.0023U
CY1002	**CY10**	2-2.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY1003	**CY10**	4-4.5	mg/kg	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U
CY1101	**CY11**	0-0.5	mg/kg	0.0022U	0.022	0.021	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.012	0.0022U	0.016	0.0026
CY1102	**CY11**	2-2.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY1103	**CY11**	4-4.5	mg/kg	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U	0.0024U
CY1201	**CY12**	0-0.5	mg/kg	0.0022U	0.0048	0.053	0.0022U	0.0031	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U	0.0022U
CY1202	**CY12**	2-2.5	mg/kg	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U
CY1203	**CY12**	4-4.5	mg/kg	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U	0.0025U

Notes:

BHC	Hexachlorocyclohexane		
CHHSL	California Human Health Screening Level	feet bgs	Feet below ground surface
C/I	Commercial/Industrial	FSW	Field Sampling Worplan
DDD	Dichlorodiphenyldichloroethane	GW	Groundwater
DDE	Dichlorodiphenyldichloroethylene	ID	Identification
DDT	Dichlorodiphenyltrichloroethane	J	Estimated value
DOH	Department of Health	mg/kg	Milligrams per kilogram
EAL	Environmental Action Level	RSL	Regional Screening Level
EPA	U.S. Environmental Protection Agency	SWRCB	State Water Resources Control Board
		U	Not detected

Table 11: Corporation Yard Locations Detected TPH Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth (feet bgs)	Units	TPH as Gasoline	TPH - Diesel Range Organics	TPH - Oil Range Organics
			CHHSL Residential			
			CHHSL C/I			
			EPA RSL Residential			
			EPA RSL C/I			
			SWRCB ESL - GW is Drinking Water Source, Residential	83	83	370
			SWRCB ESL - GW is Drinking Water Source, C/I	83	83	2500
			SWRCB ESL - GW is Not a Drinking Water Source, Residential	100	100	370
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	180	180	2500
			Hawaii DOH EAL Residential	500	500	9400
			Hawaii DOH EAL C/I	1000	500	122000
CY0101	**CY01**	0-0.5	mg/kg	3.5	130	430
CY0102	**CY01**	2-2.5	mg/kg	1.4U	12U	12U
CY0103	**CY01**	4-4.5	mg/kg	1.2U	12U	12U
CY0104	**CY01**	6-6.5	mg/kg	0.91U	11U	11U
CY0201	**CY02**	0-0.5	mg/kg	1U	11U	7.5J
CY0202	**CY02**	2-2.5	mg/kg	1.2U	11U	11U
CY0203	**CY02**	4-4.5	mg/kg	1.3U	12U	12U
CY0203D	**CY02**	4-4.5	mg/kg	1.5U	13U	13U
CY0204	**CY02**	6-6.5	mg/kg	1.2U	11U	11U
CY0301	**CY03**	0-0.5	mg/kg	1.7	1100	1400
CY0302	**CY03**	2-2.5	mg/kg	1U	11U	11U
CY0303	**CY03**	4-4.5	mg/kg	1.2U	12U	12U
CY0304	**CY03**	6-6.5	mg/kg	1.1U	12U	12U
CY0401	**CY04**	0-0.5	mg/kg	5.5	250	420
CY0402	**CY04**	2-2.5	mg/kg	1.3U	7.3J	6.9J
CY0403	**CY04**	4-4.5	mg/kg	0.84J	12U	12U
CY0404	**CY04**	6-6.5	mg/kg	1J	12U	12U
CY0501	**CY05**	0-0.5	mg/kg	1.3U	24	100
CY0502	**CY05**	2-2.5	mg/kg	1.6U	12U	34
CY0503	**CY05**	4-4.5	mg/kg	0.66J	12U	12U
CY0504	**CY05**	6-6.5	mg/kg	0.82J	12U	12U
CY0601	**CY06**	0-0.5	mg/kg	4.8	190	410
CY0601D	**CY06**	0-0.5	mg/kg	3	330	1200
CY0602	**CY06**	2-2.5	mg/kg	0.96U	8.5J	51
CY0602D	**CY06**	2-2.5	mg/kg	0.52J	34	190
CY0603	**CY06**	4-4.5	mg/kg	1.1U	12U	12U
CY0603D	**CY06**	4-4.5	mg/kg	1.3U	12U	12U
CY0604	**CY06**	6-6.5	mg/kg	1.2U	12U	12U
CY0604D	**CY06**	6-6.5	mg/kg	0.96U	12U	12U
CY0701	**CY07**	0-0.5	mg/kg	0.96J	45	91

Table 11: Corporation Yard Locations Detected TPH Summary in mg/kg
Phase II FSW Sampling Results, Technical Memorandum
University of California, Berkeley, Richmond Field Station, Richmond, California

Sample ID	Sample Location	Depth (feet bgs)	Units	TPH as Gasoline	TPH - Diesel Range Organics	TPH - Oil Range Organics
			CHHSL Residential			
			CHHSL C/I			
			EPA RSL Residential			
			EPA RSL C/I			
			SWRCB ESL - GW is Drinking Water Source, Residential	83	83	370
			SWRCB ESL - GW is Drinking Water Source, C/I	83	83	2500
			SWRCB ESL - GW is Not a Drinking Water Source, Residential	100	100	370
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	180	180	2500
			Hawaii DOH EAL Residential	500	500	9400
			Hawaii DOH EAL C/I	1000	500	122000
CY0702	**CY07**	2-2.5	mg/kg	0.97U	12U	12U
CY0703	**CY07**	4-4.5	mg/kg	1.1U	12U	12U
CY0704	**CY07**	6-6.5	mg/kg	0.95U	11U	11U
CY0801	**CY08**	0-0.5	mg/kg	0.72J	32	46
CY0802	**CY08**	2-2.5	mg/kg	0.87J	12U	12U
CY0803	**CY08**	4-4.5	mg/kg	1.1J	13U	13U
CY0804	**CY08**	6-6.5	mg/kg	0.87J	12U	12U
CY0901	**CY09**	0-0.5	mg/kg	1.5U	39	130
CY0902	**CY09**	2-2.5	mg/kg	1U	12U	12U
CY0903	**CY09**	4-4.5	mg/kg	1.3U	12U	12U
CY1001	**CY10**	0-0.5	mg/kg	1.2U	32	120
CY1002	**CY10**	2-2.5	mg/kg	1.2U	12U	12U
CY1003	**CY10**	4-4.5	mg/kg	1U	12U	12U
CY1101	**CY11**	0-0.5	mg/kg	6.1	700	900
CY1102	**CY11**	2-2.5	mg/kg	1U	12U	12U
CY1103	**CY11**	4-4.5	mg/kg	0.99U	12U	12U
CY1201	**CY12**	0-0.5	mg/kg	1.2U	21	170
CY1202	**CY12**	2-2.5	mg/kg	1.1U	12U	12U
CY1203	**CY12**	4-4.5	mg/kg	1.1U	12U	12U

Notes:

CHHSL	California Human Health Screening Level	GW	Groundwater
C/I	Commercial/Industrial	ID	Identification
DOH	Department of Health	J	Estimated value
EAL	Environmental Action Level	mg/kg	Milligrams per kilogram
EPA	U.S. Environmental Protection Agency	RSL	Regional Screening Level
feet bgs	Feet below ground surface	SWRCB	State Water Resources Control Board
FSW	Field Sampling Worplan	TPH	Total Petroleum Hydrocarbons
		U	Not detected

Table 12: Corporation Yard Locations Detected Dioxin and TEQ Summary in mg/kg

Phase II FSW Sampling Results, Technical Memorandum

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

Sample ID	Sample Location	Depth	Units	1,2,3,4,6,7,8-HPCDD	1,2,3,4,6,7,8-HPCDF	1,2,3,4,7,8,9-HPCDF	1,2,3,4,7,8-HXCDD	1,2,3,4,7,8-HXCDF	1,2,3,6,7,8-HXCDD	1,2,3,6,7,8-HXCDF	1,2,3,7,8,9-HXCDD	1,2,3,7,8,9-HXCDF
TEF				**0.01**	**0.01**	**0.01**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**
CHHSL Residential **CHHSL C/I** **EPA RSL Residential** **EPA RSL C/I** **SWRCB ESL - GW is Drinking Water Source,** **SWRCB ESL - GW is Drinking Water Source, C/I** **SWRCB ESL - GW is Not a Drinking Water Source,** **SWRCB ESL - GW is Not a Drinking Water Source,** **Hawaii DOH EAL Residential** **Hawaii DOH EAL C/I**												
CY0401	**CY04**	0-0.5	mg/kg	5.56E-05	1.89E-05	1.42E-06 J	1.18E-06 J	1.83E-06 J	3.00E-06	1.29E-06 J	3.08E-06	9.17E-08 U
CY0501	**CY05**	0-0.5	mg/kg	7.43E-05	3.03E-05	3.39E-06	1.6E-06 J	9.43E-06	4.78E-06	3.85E-06	4.45E-06	3.27E-07 J
CY0601	**CY06**	0-0.5	mg/kg	1.21E-04	6.75E-05	7.34E-06	3.87E-06	3.41E-05	8.70E-06	1.13E-05	9.95E-06	4.06E-07 J
CY0601D	**CY06**	0-0.5	mg/kg	1.43E-04	7.69E-05	9.03E-06	5.64E-06	3.86E-05	1.22E-05	1.35E-05	1.67E-05	7.38E-07 J

Table 12: Corporation Yard Locations Detected Dioxin and TEQ Summary in mg/kg

Phase II FSW Sampling Results, Technical Memorandum

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

Sample ID	Sample Location	Depth	Units	1,2,3,7,8-PECDD	1,2,3,7,8-PECDF	2,3,4,6,7,8-HXCDF	2,3,4,7,8-PECDF	2,3,7,8-TCDD	2,3,7,8-TCDF	OCDD	OCDF	TEQ
TEF				**1.00**	**0.03**	**0.10**	**0.30**	**1.00**	**0.10**	**0.0003**	**0.0003**	
CHHSL Residential								4.60E-06				4.60E-06
CHHSL C/I								1.90E-05				1.90E-05
EPA RSL Residential								4.50E-06				4.50E-06
EPA RSL C/I								1.80E-05				1.80E-05
SWRCB ESL - GW is Drinking Water Source,								4.50E-06				4.50E-06
SWRCB ESL - GW is Drinking Water Source, C/I								1.80E-05				1.80E-05
SWRCB ESL - GW is Not a Drinking Water Source,								4.50E-06				4.50E-06
SWRCB ESL - GW is Not a Drinking Water Source,								1.80E-05				1.80E-05
Hawaii DOH EAL Residential												2.40E-04
Hawaii DOH EAL C/I												1.50E-03
CY0401	**CY04**	0-0.5	mg/kg	8.53E-07 J	4.92E-07 J	1.63E-06 J	8.01E-07 J	2.28E-07 J	2.14E-06	3.93E-04	2.63E-05	3.63E-06
CY0501	**CY05**	0-0.5	mg/kg	8.45E-07 J	3.09E-06	3.99E-06	5.37E-06	1.99E-07 J	1.66E-05	4.74E-04	4.61E-05	8.45E-06
CY0601	**CY06**	0-0.5	mg/kg	3.08E-06	1.07E-05	1.41E-05	1.84E-05	1.78E-06	4.26E-05	7.51E-04	7.65E-05	2.54E-05
CY0601D	**CY06**	0-0.5	mg/kg	5.03E-06	1.21E-05 J	1.72E-05	2.07E-05	1.94E-06	3.94E-05	7.57E-04	7.21E-05	3.04E-05

Notes:

CHHSL	California Human Health Screening Level	ID	Identification
C/I	Commercial/Industrial	J	Estimated value
DOH	Department of Health	mg/kg	Milligrams per kilogram
EAL	Environmental Action Level	RSL	Regional Screening Level
EPA	U.S. Environmental Protection Agency	SWRCB	State Water Resources Control Board
feet bgs	Feet below ground surface	TEF	Toxic Equivalence Factor
FSW	Field Sampling Worplan	TEQ	Toxic Equivalence Quotient
GW	Groundwater	U	Not detected

Table 13: EERC Locations Detected TPH Summary in mg/kg

Phase II FSW Sampling Results, Technical Memorandum

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

Sample ID	Sample Location	Depth	Units	TPH as Gasoline	TPH - Diesel Range Organics	TPH - Oil Range Organics
			CHHSL Residential			
			CHHSL C/I			
			EPA RSL Residential			
			EPA RSL C/I			
			SWRCB ESL - GW is Drinking Water Source, Residential	83	83	370
			SWRCB ESL - GW is Drinking Water Source, C/I	83	83	2500
			SWRCB ESL - GW is Not a Drinking Water Source,	100	100	370
			SWRCB ESL - GW is Not a Drinking Water Source, C/I	180	180	2500
			Hawaii DOH EAL Residential	500	500	9400
			Hawaii DOH EAL C/I	1000	500	122000
EERC01	**EERC0101**	0-0.5	mg/kg	1.1U	2400	13000
EERC01	**EERC0102**	1.5-2.0	mg/kg	1.1U	170	780
EERC02	**EERC0201**	0-0.5	mg/kg	1U	650	3600
EERC02	**EERC0202**	1.5-2.0	mg/kg	0.98U	59	300

Notes:

CHHSL	California Human Health Screening Level	GW	Groundwater
C/I	Commercial/Industrial	ID	Identification
DOH	Department of Health	J	Estimated value
EAL	Environmental Action Level	mg/kg	Milligrams per kilogram
EERC	Earthquake Engineering Research Center	RSL	Regional Screening Level
EPA	U.S. Environmental Protection Agency	SWRCB	State Water Resources Control Board
feet bgs	Feet below ground surface	TPH	Total Petroleum Hydrocarbons
FSW	Field Sampling Worplan	U	Not detected

ATTACHMENT 1

COMPLETE ANALYTICAL RESULTS

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

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

		METALS (mg/kg)											
Location ID	Sample ID	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD
CY01	CY0101	13700	1.16	6.82	187	0.629	0.824	14300	25.9	10.9	46.4	23600	62.7
CY01	CY0102	21400	0.617 U	3.34	171	0.298 J	0.617 U	3250	53.8	16.5	12.8	21500	5.18
CY01	CY0103	22900	0.617 U	4.43	218	0.569 J	0.635	82400	67.8	10.2	20.3	24400	5.9
CY01	CY0104	15400	0.544 U	6.51	247	0.391 J	0.173 J	4440	63.1	8.43	13.9	21200	4.39
CY02	CY0201	12800	0.356 J	5.48	176	0.742	0.245 J	12700	16	19.3	21.9	18800	23.1
CY02	CY0202	18200	0.548 U	4.1	114	0.444 J	0.548 U	3090	46.9	4.92	14.2	15500	5.88
CY02	CY0203	27300	0.588 U	4.06	233	0.657	0.48 J	26100	77.2	9.39	23.4	27200	6.57
CY02	CY0203D	25600	0.583 U	4.36	751	0.912	0.401 J	30700	72.8	19	21.7	26600	7.84
CY02	CY0204	16800	0.532 U	5.34	178	0.446 J	0.176 J	7220	60.3	9.99	15.8	21400	5.23
CY03	CY0301	12000	1.31	9.29	218	0.413 J	0.99	7110	39.7	10.3	107	21800	318
CY03	CY0302	19100	0.524 U	7.27	357	0.654	0.159 J	2660	47.1	50.4	17.1	20000	15.7
CY03	CY0303	24300	0.566 U	8.34	313	0.987	0.215 J	8730	68.1	12.5	27.1	30200	7.22
CY03	CY0304	20100	0.27 J	10.6	185	0.553 J	0.214 J	4430	60.3	14	23.9	26700	7.4
CY04	CY0401	15900	0.359 J	4.33	103	0.386 J	0.673	18500	34.3	13.9	43.7	32400	25.5
CY04	CY0402	18400	0.556 UJ	8.8	119	0.454 J	0.174 J	4500	47.5	5.52 J	37 UJ	16700	10.7
CY04	CY0403	23200	0.54 U	2.97	186	0.677	0.199 J	7240	65.4	5.85	21.5	23200	6.67
CY04	CY0404	17200	0.514 U	6.89	158	0.442 J	0.203 J	5850	59.4	8.47	17.5	21500	5.36
CY05	CY0501	16200	0.584	40.1	178	0.217 J	0.354 J	1480	49.8	3.92	149	21200	52.7
CY05	CY0502	18500	0.523 J	81	199	0.15 J	0.198 J	1050	57.6	2.82	93.3	30800	25.1
CY05	CY0503	22200	0.255 J	7.15	161	0.735	0.98	7080	63.8	18.3	112	25600	6.25
CY05	CY0504	13500	0.354 J	8.96	163	0.409 J	0.422 J	4490	49	10.1	22.3	21400	5.92
CY06	CY0601	18700	2.21	15.9	320	0.45 J	1.62	13300	40.5	17.7	381	41100	230
CY06	CY0601D	15500	2.21	14.6	298	0.515	1.83	9840	36.1	10.8	488	28600	274
CY06	CY0602	20200	0.523 U	3.6	167	0.582	0.292 J	3420	58.1	5.82	28.5	18500	9.8
CY06	CY0602D	21000	0.537 U	3.52	141	0.625	0.324 J	3790	59.6	6.25	27	18800	11.2
CY06	CY0603	21700	0.581 U	6.44	284	0.595	0.398 J	38400	70.5	11.1	23.6	25300	7.15
CY06	CY0603D	21500	0.59 U	4.37	211	0.563 J	0.394 J	42800	68.2	7.4	21.4	24200	5.52
CY06	CY0604	17700	0.259 J	11.5	208	0.483 J	0.256 J	4250	63.5	11	23.8	24100	6.17
CY06	CY0604D	17900	0.367 J	13.1	231	0.518 J	0.351 J	7000	67.1	14.2	28.1	25600	7.51
CY07	CY0701	14500	0.836	12.5	242	0.484 J	0.807	6600	38.9	13.4	235	19000	80.1
CY07	CY0702	18700	0.523 U	3.41	206	0.556	0.119 J	2450	49	5.4	14.9	16800	5.23

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

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

		METALS (mg/kg)											
Location ID	Sample ID	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD
CY07	CY0703	18000	0.298 J	12.4	102	0.463 J	0.233 J	7320	65.3	10.2	17.1	25000	5.76
CY07	CY0704	13500	0.661	8.99	575	0.333 J	1.22	4070	56.8	13.1	25.7	22300	4.58
CY08	CY0801	12200	0.371 J	4.55	314	0.716	0.309 J	26900	20.1	12.4	32.8	17700	24.7
CY08	CY0802	21700	0.588 U	4.83	83.9	0.654	0.164 J	3310	62.2	13.3	18.2	21100	8.24
CY08	CY0803	19500	0.302 J	8.54	226	0.526 J	0.518 J	90200	57	12	22.1	22700	5.9
CY08	CY0804	18700	0.294 J	10.1	194	0.545 J	0.205 J	4200	63 J	10.6	26.5	26000	5.75
CY09	CY0901	19100	4.5	31.7	1160	0.458 J	1.92	22600	48.9	12.1	4560	50300	571
CY09	CY0902	20000	0.568 U	2.92	155	0.552 J	0.119 J	3240	54.4	5.22	18	18300	6.95
CY09	CY0903	23100	0.556 U	6.72	140	0.571	0.285 J	17500	78.4	11.7	23.5	26800	6.51
CY10	CY1001	20300	1.98	27.8	312	0.485 J	0.917	3830	53.2	8.12	1660	38300	401
CY10	CY1002	21100	0.565 U	3.75	263	0.531 J	0.207 J	3700	57.5	14.3	25.8	20000	7.14
CY10	CY1003	17200	0.299 J	13.9	158	0.488 J	0.278 J	4710	51.1	12.5	37.6	24000	8.77
CY11	CY1101	16200	0.994	14.8	156	0.507 J	0.848	7630	30.8	11.6	90.9	28300	65.4
CY11	CY1102	17700	0.568 U	8.66	791	0.581	0.256 J	2800	48.5	70.6	17.6	18500	10.2
CY11	CY1103	20200	0.591 U	11.4	343	0.572 J	0.267 J	15800	57.6	20	22.7	25200	9.27
CY12	CY1201	15500	1.32	29.9	248	0.405 J	0.843	5440	42.3	11	228	24500	103
CY12	CY1202	18700	0.558 UJ	2.69	91.9 J	0.598	1.87	3920	50.3	9.21 J	69.1 J	17800	8.08
CY12	CY1203	18600	0.294 J	9.39	1070	0.555 J	1.62	23700	52.7	11.8	199	22800	6.15
CCCT01	PCB41	14500	0.767	16	235	0.536	4.83	4000	41.8	31.4	1780	45700	189
CCCT01	PCB42	24200	0.566 U	5.83	214	0.465 J	0.574	3130	66.7	6.71	208	25900	10.6
CCCT02	PCB43	12500	1.06	22	238	0.208 J	0.486 J	1440	37.3	8	443	68100	467
CCCT02	PCB44	23100	0.591 U	5.58	205	0.64	0.543 J	3100	57.6	38.7	362	23300	12.7
CCCT04	PCB47	13300	0.337 J	4.97	208	0.89	0.253 J	14200	17.9	11.8	28.5	21500	18
CCCT04	PCB48	14800	0.246 J	5.39	225	0.361 J	0.255 J	1150	42.3	16	401	16500	21.1
CCCT05	PCB49	10000	1.83	33.3	145	0.33 J	0.92	1620	30.3	9.6	546	134000	76.5
CCCT05	PCB50	12000	1.42	27	210	0.308 J	0.456 J	1350	38.2	13.2	845	142000	105
CCCT06	PCB51	16000	1.04	16.9	219	0.425 J	0.711	3090	49.3	19.7	428	60300	61.5

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

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

		METALS (mg/kg)											
Location ID	Sample Date	MAGNESIUM	MANGANSES	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SODIUM	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC
CY01	CY0101	5830	477	0.81	1.05	29.6	2970	0.251 J	0.152 J	350	0.246 J	33.9	136
CY01	CY0102	3980	252	0.0849 J	0.617 U	28.3	644	0.617 U	0.617 U	167	0.183 J	36.4	38.2
CY01	CY0103	11000	370	0.035 J	0.617 U	82.9	987	0.617 U	0.617 U	293	0.14 J	48.1	55.2
CY01	CY0104	7770	304	0.0568 J	0.544 U	51.5	560	0.544 U	0.544 U	265	0.544 U	43.6	38.1
CY02	CY0201	4500	347	0.594	0.441 J	22.9	3330	0.131 J	0.986	115	0.15 J	27.4	66.8
CY02	CY0202	2690	206	0.0424 J	0.548 U	25.8	639	0.165 J	0.548 U	139	0.111 J	36.2	25.8
CY02	CY0203	12100	309	0.0805 J	0.588 U	179	1040	0.588 U	0.168 J	382	0.163 J	53.3	57.5
CY02	CY0203D	9550	996	0.0696 J	0.583 U	99.2	969	0.118 J	0.175 J	353	0.171 J	51.3	51.1
CY02	CY0204	8110	262	0.0576 J	0.532 U	64.3	648	0.532 U	0.532 U	296	0.532 U	42.5	40.4
CY03	CY0301	3920	663	3.19	6.72	34.9	2140	0.4 J	0.418 J	179	0.136 J	33.5	247
CY03	CY0302	2780	1980	0.0562 J	0.792	44.7	755	0.248 J	0.524 U	243	0.175 J	56.2	31.4
CY03	CY0303	10600	422	0.168	0.566 U	106	843	0.566 U	0.127 J	1150	0.123 J	55.5	55.8
CY03	CY0304	9720	496	0.126	0.252 J	70.1	860	0.559 U	0.559 U	1260	0.134 J	55.3	52.2
CY04	CY0401	9390	546	1.26	0.785	33.9	1660	0.183 J	0.319 J	474	0.523 U	79	135
CY04	CY0402	2750	253	0.127	0.368 J	27.4	628	0.213 J	0.556 U	116	0.261 J	33.7	44
CY04	CY0403	7140	165	0.0833 J	0.54 U	91.1	809	0.54 U	0.136 J	172	0.112 J	38.1	49.7
CY04	CY0404	7280	217	0.0456 J	0.514 U	55.5	908	0.514 U	0.514 U	181	0.514 U	45.4	43.1
CY05	CY0501	1760	194	6.33	0.495 J	22.9	686	0.381 J	0.466 J	164	0.14 J	34.6	104
CY05	CY0502	1670	130	1.36	0.673	24.6	693	0.369 J	0.173 J	108 J	0.138 J	54.5	59.5
CY05	CY0503	8060	867	0.11 J	0.567 U	108	773	0.567 U	0.148 J	163	0.567 U	47.8	234
CY05	CY0504	6600	910	0.174	0.43 J	63.5	674	0.555 U	0.555 U	156	0.555 U	47.8	53.9
CY06	CY0601	7690	836	6.1	1.39	38.9	1920	0.714	4.5	522	0.152 J	75.7	567
CY06	CY0601D	4550	593	5.5	1.62	33.6	2280	0.593	20.3	400	0.146 J	44.5	648
CY06	CY0602	3570	239	0.0571 J	0.523 U	39.7	322	0.107 J	0.132 J	234	0.115 J	36.2	99
CY06	CY0602D	3550	241	0.131	0.537 U	42.3	338	0.116 J	0.156 J	231	0.537 U	37.2	101
CY06	CY0603	10400	498	0.0971 J	0.581 U	84	888	0.581 U	0.581 U	534	0.581 U	56.2	55.6
CY06	CY0603D	10700	239	0.101 J	0.59 U	66.5	846	0.59 U	0.59 U	543	0.123 J	47.3	61.5
CY06	CY0604	9130	633	0.0692 J	0.359 J	76.2	783	0.54 U	0.54 U	724	0.54 U	56.3	50.5
CY06	CY0604D	9920	905	0.164	0.439 J	101	754	0.578 U	0.578 U	775	0.151 J	60.1	55.7
CY07	CY0701	2680	691	6.05	0.909	29.4	1390	0.5 J	0.304 J	490	0.278 J	35.4	205
CY07	CY0702	3520	234	0.0356 J	0.523 U	31	292	0.233 J	0.523 U	882	0.149 J	35.6	26.1

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

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

		METALS (mg/kg)											
Location ID	Sample ID	MAGNESIUM	MANGANSES	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SODIUM	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC
CY07	CY0703	9670	415	0.0699 J	0.521 U	53.5	544	0.521 U	0.521 U	1130	0.521 U	64.2	41
CY07	CY0704	6860	4690	0.0681 J	3.23	163	762	0.541 U	0.541 U	420	0.18 J	46	44.1
CY08	CY0801	4070	571	0.704	0.455 J	27.9	2700	0.127 J	0.488 U	74.5 J	0.117 J	30.6	65
CY08	CY0802	4100	961	0.0667 J	0.588 U	51.4	327	0.152 J	0.588 U	553	0.588 U	41.4	35.7
CY08	CY0803	11800	482	0.04 J	0.571 U	71.9	806	0.571 U	0.571 U	650	0.571 U	55.2	47.3
CY08	CY0804	10200	365	0.106 J	0.305 J	55.2	701	0.546 U	0.546 U	602	0.239 J	55.5	53.6
CY09	CY0901	4870	1520	6.62	2.09	47.7	2610	3.13	1.15	579	0.362 J	42.3	782
CY09	CY0902	4440	198	0.69	0.568 U	38	799	0.143 J	0.568 U	381	0.568 U	32.1	32.1
CY09	CY0903	12100	243	0.0497 J	0.556 U	80.3	837	0.556 U	0.556 U	585	0.556 U	54	55.6
CY10	CY1001	3690	323	5.5	1.36	33.8	912	3.12	0.447 J	274	0.203 J	44	241
CY10	CY1002	6290	1100	0.0353 J	0.565 U	112	395	0.144 J	0.565 U	450	0.565 U	39.9	37.9
CY10	CY1003	9680	638	0.0792 J	0.21 J	73.8	670	0.52 U	0.52 U	553	0.52 U	54.6	46.1
CY11	CY1101	6750	867	1.02	0.889	31.2	2440	0.396 J	0.273 J	151	0.159 J	44.2	171
CY11	CY1102	5020	4330	0.0258 J	0.456 J	95.3	307	0.568 U	0.568 U	1040	0.568 U	54.8	28.4
CY11	CY1103	11700	1420	0.128	0.598	116	614	0.591 U	0.591 U	1610	0.591 U	58.7	45.1
CY12	CY1201	3660	424	11.6	0.793	33.3	1620	1.13	0.518	153	0.208 J	43.8	200
CY12	CY1202	4420	368	0.0979 J	0.558 U	52.6 J	377	0.153 J	0.558 U	164	0.134 J	29.6 J	544 J
CY12	CY1203	9630	441	0.0402 J	0.59 U	69.6	699	0.59 U	0.59 U	216	0.59 U	51.3	505
CCCT01	PCB41	3410	1330	3.91	1.78	57.9	1010	0.721	0.291 J	223	0.377 J	46.2	2010
CCCT01	PCB42	5060	242	0.169	0.347 J	37.1	630	0.175 J	0.127 J	108 J	0.162 J	49.9	321
CCCT02	PCB43	1990	327	2.57	2.85	22.4	1230	0.928	0.392 J	113	0.453 J	37.1	134
CCCT02	PCB44	3880	1060	0.128	0.357 J	40.6	754	0.186 J	0.591 U	102 J	0.131 J	46.8	141
CCCT04	PCB47	4030	513	0.198	0.589	23.9	3200	0.192 J	0.456 U	89.4 J	0.167 J	30.9	58.3
CCCT04	PCB48	2130	775	0.159	0.453 J	28.7	846	0.186 J	0.553 U	61.2 J	0.553 U	41.4	41.7
CCCT05	PCB49	2130	245	1.1	5.14	26.5	1070	1.56	1.38	159	0.69	32.4	360
CCCT05	PCB50	3120	179	0.695	7.23	33.9	1560	2.16	1.22	186	1.32	32.4	167
CCCT06	PCB51	3830	612	0.838	4.18	49.1	1280	1.06	0.567	140	0.593	44.5	146

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	1,1,1,2-TETRACHLOROETHANE	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
CY01	CY0101	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CY01	CY0102	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U
CY01	CY0103	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U
CY01	CY0104	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY02	CY0201	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
CY02	CY0202	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U
CY02	CY0203	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY02	CY0203D	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CY02	CY0204	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CY03	CY0301	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY03	CY0302	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
CY03	CY0303	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY03	CY0304	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY04	CY0401	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY04	CY0402	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CY04	CY0403	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
CY04	CY0404	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY05	CY0501	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U
CY05	CY0502	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CY05	CY0503	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U
CY05	CY0504	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CY06	CY0601	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY06	CY0601D	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U
CY06	CY0602	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U
CY06	CY0602D	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	1,1,1,2-TETRACHLOROETHANE	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
CY06	CY0603	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY06	CY0603D	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
CY06	CY0604	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U
CY06	CY0604D	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CY07	CY0701	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
CY07	CY0702	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U
CY07	CY0703	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY07	CY0704	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY08	CY0801	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY08	CY0802	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CY08	CY0803	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY08	CY0804	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U
CY09	CY0901	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
CY09	CY0902	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U
CY09	CY0903	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
CY10	CY1001	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U
CY10	CY1002	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
CY10	CY1003	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U
CY11	CY1101	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U
CY11	CY1102	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
CY11	CY1103	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U
CY12	CY1201	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U
CY12	CY1202	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U
CY12	CY1203	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CCCT01	PCB41	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U

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Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	1,1,1,2-TETRACHLOROETHANE	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
CCCT01	PCB42	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
CCCT02	PCB43	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CCCT02	PCB44	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U
CCCT04	PCB47	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
CCCT04	PCB48	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U
CCCT05	PCB49	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
CCCT05	PCB50	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U
CCCT06	PCB51	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U

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Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROTOLUENE	4-CHLOROTOLUENE	ACETONE	BENZENE	BROMOBENZENE
CY01	CY0101	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U
CY01	CY0102	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.01 U	0.0052 U	0.0052 U	0.01 U	0.0052 U	0.0052 U
CY01	CY0103	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.014 U	0.0072 U	0.0072 U	0.014 U	0.0072 U	0.0072 U
CY01	CY0104	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0091 U	0.0046 U	0.0046 U	0.0091 U	0.0046 U	0.0046 U
CY02	CY0201	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0097 U	0.0048 U	0.0048 U	0.0097 U	0.0048 U	0.0048 U
CY02	CY0202	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.013 U	0.0065 U	0.0065 U	0.013 U	0.0065 U	0.0065 U
CY02	CY0203	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.0057 U
CY02	CY0203D	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U
CY02	CY0204	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U
CY03	CY0301	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.0057 U
CY03	CY0302	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.012 U	0.0059 U	0.0059 U	0.012 U	0.0059 U	0.0059 U
CY03	CY0303	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.01 U	0.0051 U	0.0051 U	0.01 U	0.0051 U	0.0051 U
CY03	CY0304	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.01 U	0.0051 U	0.0051 U	0.01 U	0.0051 U	0.0051 U
CY04	CY0401	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.01 U	0.0051 U	0.0051 U	0.01 U	0.0051 U	0.0051 U
CY04	CY0402	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.011 U	0.0054 U	0.0054 U	0.011 U	0.0054 U	0.0054 U
CY04	CY0403	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.013 U	0.0067 U	0.0067 U	0.013 U	0.0067 U	0.0067 U
CY04	CY0404	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0091 U	0.0046 U	0.0046 U	0.0091 U	0.0046 U	0.0046 U
CY05	CY0501	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.014 U	0.0071 U	0.0071 U	0.014 U	0.0071 U	0.0071 U
CY05	CY0502	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U	0.0091 UJ	0.006 U	0.006 U
CY05	CY0503	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.011 U	0.0053 U	0.0053 U	0.011 U	0.0053 U	0.0053 U
CY05	CY0504	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.011 U	0.0054 U	0.0054 U	0.011 U	0.0054 U	0.0054 U
CY06	CY0601	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.0057 U
CY06	CY0601D	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.013 U	0.0065 U	0.0065 U	0.013 U	0.0065 U	0.0065 U
CY06	CY0602	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.013 U	0.0066 U	0.0066 U	0.013 U	0.0066 U	0.0066 U
CY06	CY0602D	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.011 U	0.0054 U	0.0054 U	0.011 U	0.0054 U	0.0054 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROTOLUENE	4-CHLOROTOLUENE	ACETONE	BENZENE	BROMOBENZENE
CY06	CY0603	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.01 U	0.0051 U	0.0051 U	0.01 U	0.0051 U	0.0051 U
CY06	CY0603D	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.012 U	0.0059 U	0.0059 U	0.012 U	0.0059 U	0.0059 U
CY06	CY0604	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0099 U	0.0049 U	0.0049 U	0.0099 U	0.0049 U	0.0049 U
CY06	CY0604D	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.011 U	0.0054 U	0.0054 U	0.011 U	0.0054 U	0.0054 U
CY07	CY0701	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.014 U	0.007 U	0.007 U	0.014 U	0.007 U	0.007 U
CY07	CY0702	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.01 U	0.0052 U	0.0052 U	0.01 U	0.0052 U	0.0052 U
CY07	CY0703	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0092 U	0.0046 U	0.0046 U	0.0092 U	0.0046 U	0.0046 U
CY07	CY0704	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.0057 U
CY08	CY0801	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0092 U	0.0046 U	0.0046 U	0.0092 U	0.0046 U	0.0046 U
CY08	CY0802	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U
CY08	CY0803	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.0057 U
CY08	CY0804	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0091 U	0.0045 U	0.0045 U	0.0091 U	0.0045 U	0.0045 U
CY09	CY0901	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.013 U	0.0064 U	0.0064 U	0.013 U	0.0064 U	0.0064 U
CY09	CY0902	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.012 U	0.0058 U	0.0058 U	0.012 U	0.0058 U	0.0058 U
CY09	CY0903	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.012 U	0.0059 U	0.0059 U	0.012 U	0.0059 U	0.0059 U
CY10	CY1001	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.017 U	0.0084 U	0.0084 U	0.017 U	0.0084 U	0.0084 U
CY10	CY1002	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0097 U	0.0048 U	0.0048 U	0.0097 U	0.0048 U	0.0048 U
CY10	CY1003	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.012 U	0.0061 U	0.0061 U	0.012 U	0.0061 U	0.0061 U
CY11	CY1101	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.016 U	0.0078 U	0.0078 U	0.063 UJ	0.0078 U	0.0078 U
CY11	CY1102	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0097 U	0.0048 U	0.0048 U	0.0097 U	0.0048 U	0.0048 U
CY11	CY1103	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0097 U	0.0049 U	0.0049 U	0.0097 U	0.0049 U	0.0049 U
CY12	CY1201	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0095 U	0.0047 U	0.0047 U	0.0095 U	0.0047 U	0.0047 U
CY12	CY1202	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.011 U	0.0056 U	0.0056 U	0.011 U	0.0056 U	0.0056 U
CY12	CY1203	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U
CCCT01	PCB41	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROTOLUENE	4-CHLOROTOLUENE	ACETONE	BENZENE	BROMOBENZENE
CCCT01	PCB42	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.013 U	0.0064 U	0.0064 U	0.013 U	0.0064 U	0.0064 U
CCCT02	PCB43	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U
CCCT02	PCB44	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.014 U	0.0071 U	0.0071 U	0.014 U	0.0071 U	0.0071 U
CCCT04	PCB47	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.013 U	0.0064 U	0.0064 U	0.013 U	0.0064 U	0.0064 U
CCCT04	PCB48	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.012 U	0.0061 U	0.0061 U	0.012 U	0.0061 U	0.0061 U
CCCT05	PCB49	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.016 U	0.0079 U	0.0079 U	0.016 U	0.0079 U	0.0079 U
CCCT05	PCB50	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.015 U	0.0073 U	0.0073 U	0.015 U	0.0073 U	0.0073 U
CCCT06	PCB51	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.011 U	0.0056 U	0.0056 U	0.011 U	0.0056 U	0.0056 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOCHLOROMETHANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE
CY01	CY0101	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CY01	CY0102	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U
CY01	CY0103	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U
CY01	CY0104	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY02	CY0201	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
CY02	CY0202	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U
CY02	CY0203	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY02	CY0203D	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CY02	CY0204	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CY03	CY0301	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY03	CY0302	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
CY03	CY0303	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY03	CY0304	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY04	CY0401	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY04	CY0402	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CY04	CY0403	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
CY04	CY0404	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY05	CY0501	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U
CY05	CY0502	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CY05	CY0503	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U
CY05	CY0504	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CY06	CY0601	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY06	CY0601D	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U
CY06	CY0602	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U
CY06	CY0602D	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U

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

VOCS (ug/L)

Location ID	Sample ID	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOCHLOROMETHANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE
CY06	CY0603	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY06	CY0603D	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
CY06	CY0604	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U
CY06	CY0604D	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CY07	CY0701	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
CY07	CY0702	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U
CY07	CY0703	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY07	CY0704	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY08	CY0801	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY08	CY0802	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CY08	CY0803	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY08	CY0804	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U
CY09	CY0901	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
CY09	CY0902	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U
CY09	CY0903	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
CY10	CY1001	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U
CY10	CY1002	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
CY10	CY1003	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U
CY11	CY1101	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U
CY11	CY1102	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
CY11	CY1103	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U
CY12	CY1201	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U
CY12	CY1202	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U
CY12	CY1203	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CCCT01	PCB41	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOCHLOROMETHANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE
CCCT01	PCB42	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
CCCT02	PCB43	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CCCT02	PCB44	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U
CCCT04	PCB47	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
CCCT04	PCB48	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U
CCCT05	PCB49	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
CCCT05	PCB50	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U
CCCT06	PCB51	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	ETHYLBENZENE	FREON 113	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M,P-XYLENE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	P-ISOPROPYLTOLUENE	SEC-BUTYLBENZENE	STYRENE
CY01	CY0101	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	0.006 U	0.012 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CY01	CY0102	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.01 U	0.0052 U	0.01 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U
CY01	CY0103	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.014 U	0.0072 U	0.014 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U
CY01	CY0104	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0091 U	0.0046 U	0.0091 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY02	CY0201	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0097 U	0.0048 U	0.0097 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
CY02	CY0202	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.013 U	0.0065 U	0.013 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U
CY02	CY0203	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.0078 UJ	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY02	CY0203D	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	0.006 U	0.0074 UJ	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CY02	CY0204	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	0.0053 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CY03	CY0301	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.011 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY03	CY0302	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.012 U	0.0059 U	0.005 UJ	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
CY03	CY0303	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.01 U	0.0051 U	0.0035 UJ	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY03	CY0304	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.01 U	0.0051 U	0.0034 UJ	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY04	CY0401	0.0011 J	0.0051 U	0.0051 U	0.0051 U	0.0025 J	0.0051 U	0.0029 UJ	0.0051 U	0.0051 U	0.0051 U	0.003 J	0.0051 U	0.0051 U	0.0051 U
CY04	CY0402	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.011 U	0.0054 U	0.011 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CY04	CY0403	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.013 U	0.0067 U	0.013 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
CY04	CY0404	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0091 U	0.0046 U	0.0091 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY05	CY0501	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.014 U	0.0071 U	0.014 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U
CY05	CY0502	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	0.006 U	0.012 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CY05	CY0503	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.011 U	0.0053 U	0.0026 UJ	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U
CY05	CY0504	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.011 U	0.0054 U	0.0024 UJ	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CY06	CY0601	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.011 U	0.0057 U	0.0057 U	0.0057 U	0.0012 J	0.0057 U	0.0057 U	0.0057 U
CY06	CY0601D	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.013 U	0.0065 U	0.013 U	0.0065 U	0.0065 U	0.0065 U	0.0016 J	0.0065 U	0.0065 U	0.0065 U
CY06	CY0602	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.013 U	0.0066 U	0.013 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U
CY06	CY0602D	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.011 U	0.0054 U	0.011 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	ETHYLBENZENE	FREON 113	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M,P-XYLENE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	P-ISOPROPYLTOLUENE	SEC-BUTYLBENZENE	STYRENE
CY06	CY0603	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.01 U	0.0051 U	0.0038 UJ	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY06	CY0603D	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.012 U	0.0059 U	0.0032 UJ	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
CY06	CY0604	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0099 U	0.0049 U	0.0024 UJ	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U
CY06	CY0604D	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.011 U	0.0054 U	0.0027 UJ	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CY07	CY0701	0.007 U	0.007 U	0.007 U	0.007 U	0.014 U	0.007 U	0.014 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
CY07	CY0702	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.01 U	0.0052 U	0.01 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U
CY07	CY0703	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0092 U	0.0046 U	0.0092 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY07	CY0704	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.011 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY08	CY0801	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0092 U	0.0046 U	0.002 UJ	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY08	CY0802	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CY08	CY0803	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.011 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY08	CY0804	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0091 U	0.0045 U	0.0091 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U
CY09	CY0901	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.013 U	0.0064 U	0.013 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
CY09	CY0902	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.012 U	0.0058 U	0.012 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U
CY09	CY0903	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.012 U	0.0059 U	0.012 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
CY10	CY1001	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.017 U	0.0084 U	0.017 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U
CY10	CY1002	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0097 U	0.0048 U	0.0097 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
CY10	CY1003	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.012 U	0.0061 U	0.012 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U
CY11	CY1101	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.016 U	0.0078 U	0.016 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U
CY11	CY1102	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0097 U	0.0048 U	0.0097 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
CY11	CY1103	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0097 U	0.0049 U	0.0097 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U
CY12	CY1201	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0095 U	0.0047 U	0.0095 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U
CY12	CY1202	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.011 U	0.0056 U	0.011 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U
CY12	CY1203	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	0.006 U	0.012 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CCCT01	PCB41	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U

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

VOCS (ug/L)

Location ID	Sample ID	ETHYLBENZENE	FREON 113	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M,P-XYLENE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	P-ISOPROPYLTOLUENE	SEC-BUTYLBENZENE	STYRENE
CCCT01	PCB42	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.013 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
CCCT02	PCB43	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CCCT02	PCB44	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.014 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U
CCCT04	PCB47	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.013 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
CCCT04	PCB48	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.012 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U
CCCT05	PCB49	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.016 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
CCCT05	PCB50	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.015 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U
CCCT06	PCB51	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.011 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	TERT-BUTYLBENZENE	TETRACHLOROETHENE	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE
CY01	CY0101	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CY01	CY0102	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U
CY01	CY0103	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U
CY01	CY0104	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY02	CY0201	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
CY02	CY0202	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U
CY02	CY0203	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY02	CY0203D	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CY02	CY0204	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CY03	CY0301	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY03	CY0302	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
CY03	CY0303	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY03	CY0304	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY04	CY0401	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0011 J	0.0051 U	0.0051 U
CY04	CY0402	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CY04	CY0403	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
CY04	CY0404	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY05	CY0501	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U
CY05	CY0502	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CY05	CY0503	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U
CY05	CY0504	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CY06	CY0601	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY06	CY0601D	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U
CY06	CY0602	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U
CY06	CY0602D	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	TERT-BUTYLBENZENE	TETRACHLOROETHENE	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE
CY06	CY0603	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U
CY06	CY0603D	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
CY06	CY0604	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U
CY06	CY0604D	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CY07	CY0701	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
CY07	CY0702	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U	0.0052 U
CY07	CY0703	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY07	CY0704	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY08	CY0801	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
CY08	CY0802	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CY08	CY0803	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
CY08	CY0804	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0017 J	0.0045 U	0.0045 U
CY09	CY0901	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
CY09	CY0902	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U
CY09	CY0903	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
CY10	CY1001	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U	0.0084 U
CY10	CY1002	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
CY10	CY1003	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U
CY11	CY1101	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U
CY11	CY1102	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
CY11	CY1103	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U
CY12	CY1201	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U
CY12	CY1202	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U
CY12	CY1203	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CCCT01	PCB41	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

VOCS (ug/L)

Location ID	Sample ID	TERT-BUTYLBENZENE	TETRACHLOROETHENE	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE
CCCT01	PCB42	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
CCCT02	PCB43	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
CCCT02	PCB44	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U
CCCT04	PCB47	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
CCCT04	PCB48	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U
CCCT05	PCB49	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
CCCT05	PCB50	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U	0.0073 U
CCCT06	PCB51	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

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

		PCB (mg/kg)						
Location ID	Sample ID	AROCLOR_1016	AROCLOR_1221	AROCLOR_1232	AROCLOR_1242	AROCLOR_1248	AROCLOR_1254	AROCLOR_1260
CY01	CY0101	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.72	0.035 U
CY01	CY0102	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
CY01	CY0103	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U
CY01	CY0104	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
CY02	CY0201	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.2	0.035 U
CY02	CY0202	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
CY02	CY0203	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U
CY02	CY0203D	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
CY02	CY0204	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
CY03	CY0301	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	2.3	0.036 U
CY03	CY0302	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
CY03	CY0303	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CY03	CY0304	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CY04	CY0401	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.056	0.035 U
CY04	CY0402	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
CY04	CY0403	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CY04	CY0404	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
CY05	CY0501	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	3.3	0.037 U
CY05	CY0502	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 J	0.038 U
CY05	CY0503	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CY05	CY0504	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.041	0.038 U
CY06	CY0601	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	5.5	0.18 U
CY06	CY0601D	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	5.4	0.18 U
CY06	CY0602	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
CY06	CY0602D	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
CY06	CY0603	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CY06	CY0603D	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CY06	CY0604	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CY06	CY0604D	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

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

PCB (mg/kg)

Location ID	Sample ID	AROCLOR_1016	AROCLOR_1221	AROCLOR_1232	AROCLOR_1242	AROCLOR_1248	AROCLOR_1254	AROCLOR_1260
CY07	CY0701	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
CY07	CY0702	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
CY07	CY0703	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
CY07	CY0704	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
CY08	CY0801	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.033 J
CY08	CY0802	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CY08	CY0803	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U
CY08	CY0804	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
CY09	CY0901	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.11	0.041 U
CY09	CY0902	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
CY09	CY0903	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
CY10	CY1001	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.029 J	0.039 U
CY10	CY1002	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CY10	CY1003	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
CY11	CY1101	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.089	0.037 U
CY11	CY1102	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CY11	CY1103	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
CY12	CY1201	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.97	0.036 U
CY12	CY1202	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
CY12	CY1203	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
B11201	PCB21	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.033 J	0.032 J
B11201	PCB22	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B11202	PCB23	0.29 U	0.29 U	0.29 U	0.29 U	35	0.29 U	0.29 U
B11202	PCB24	0.036 U	0.036 U	0.036 U	0.036 U	2.2	0.036 U	0.036 U
B11203	PCB25	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
B11203	PCB26	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
B11204	PCB27	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
B11204	PCB27D	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
B11204	PCB28	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U

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

PCB (mg/kg)

Location ID	Sample ID	AROCLOR_1016	AROCLOR_1221	AROCLOR_1232	AROCLOR_1242	AROCLOR_1248	AROCLOR_1254	AROCLOR_1260
B11205	PCB29	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
B11205	PCB30	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B12801	PCB31	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.087	0.037 U
B12801	PCB32	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
B12802	PCB33	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.2	0.036 U
B12802	PCB33D	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.14	0.037 U
B12802	PCB34	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
B12803	PCB35	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.032 J	0.036 U
B12803	PCB36	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
B12804	PCB37	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.11	0.036 U
B12804	PCB38	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B12805	PCB39	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
B12805	PCB40	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
B12805	PCB40D	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
CCCT01	PCB41	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
CCCT01	PCB42	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
CCCT02	PCB43	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
CCCT02	PCB44	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
CCCT04	PCB47	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U
CCCT04	PCB48	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
CCCT05	PCB49	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
CCCT05	PCB50	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U
CCCT06	PCB51	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B15001	PCB53	0.037 U	0.037 U	0.037 U	0.037 U	0.64	0.037 U	0.037 U
B15001	PCB54	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
B15002	PCB55	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.028 J	0.036 J
B15002	PCB56	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
B15003	PCB57	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B15003	PCB58	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B15004	PCB59	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

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

		PCB (mg/kg)						
Location ID	Sample ID	AROCLOR_1016	AROCLOR_1221	AROCLOR_1232	AROCLOR_1242	AROCLOR_1248	AROCLOR_1254	AROCLOR_1260
B15004	PCB60	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
B15005	PCB61	0.035 U	0.035 U	0.035 U	0.035 U	0.31 J	0.49	0.085
B15005	PCB62	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
B15006	PCB63	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.028 J	0.034 J
B15006	PCB64	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
B27701	PCB65	0.038 U	0.038 U	0.038 U	0.038 U	0.18	0.17	0.038 U
B27701	PCB66	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
B27702	PCB67	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.052	0.038 U
B27702	PCB68	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
B27703	PCB69	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.034 J	0.036 U
B27703	PCB70	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
B27704	PCB71	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.072	0.037 U
B27704	PCB72	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
B45001	PCB73	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
B45001	PCB74	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
B45002	PCB75	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U
B45002	PCB76	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
B45003	PCB77	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B45003	PCB77D	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
B45003	PCB78	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
B45004	PCB79	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
B45004	PCB80	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.023 J
B47401	PCB81	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.46	0.039 U
B47401	PCB82	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U
B47402	PCB83	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.71	0.039 U
B47402	PCB84	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U
B47403	PCB85	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.072	0.041 U
B47403	PCB86	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
B47301	PCB87	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B47301	PCB88	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

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

PCB (mg/kg)

Location ID	Sample ID	AROCLOR_1016	AROCLOR_1221	AROCLOR_1232	AROCLOR_1242	AROCLOR_1248	AROCLOR_1254	AROCLOR_1260
B47302	PCB89	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B47302	PCB89D	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B47302	PCB90	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B47303	PCB91	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B47303	PCB92	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
B47304	PCB93	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
B47304	PCB94	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
NRLF01	PCB95	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
NRLF01	PCB96	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
NRLF02	PCB97	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
NRLF02	PCB98	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
NRLF03	PCB99	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
NRLF03	PCB100	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
NRLF03	PCB100D	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
NRLF04	PCB101	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
NRLF04	PCB102	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1-METHYLNAPHTHALENE	2,2'-OXYBIS (1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL
CY01	CY0101	1.4 U	1.4 U	1.4 U	0.021 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	2.8 U	1.4 U	1.4 U	1.4 U	1.4 U
CY01	CY0102	0.41 U	0.41 U	0.41 U	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U
CY01	CY0103	0.42 U	0.42 U	0.42 U	0.0062 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.83 U	0.42 U	0.42 U	0.42 U	0.42 U
CY01	CY0104	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.76 U	0.38 U	0.38 U	0.38 U	0.38 U
CY02	CY0201	0.35 U	0.35 U	0.35 U	0.0053 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U
CY02	CY0202	0.38 U	0.38 U	0.38 U	0.0056 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.75 U	0.38 U	0.38 U	0.38 U	0.38 U
CY02	CY0203	0.42 U	0.42 U	0.42 U	0.0062 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.83 U	0.42 U	0.42 U	0.42 U	0.42 U
CY02	CY0203D	0.43 U	0.43 U	0.43 U	0.0064 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.86 U	0.43 U	0.43 U	0.43 U	0.43 U
CY02	CY0204	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.38 U	0.38 U	0.38 U	0.38 U
CY03	CY0301	3.6 U	3.6 U	3.6 U	0.1	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	7.2 U	3.6 U	3.6 U	3.6 U	3.6 U
CY03	CY0302	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.75 U	0.38 U	0.38 U	0.38 U	0.38 U
CY03	CY0303	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U
CY03	CY0304	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U
CY04	CY0401	1.4 U	1.4 U	1.4 U	0.021 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	2.8 U	1.4 U	1.4 U	1.4 U	1.4 U
CY04	CY0402	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.76 U	0.38 U	0.38 U	0.38 U	0.38 U
CY04	CY0403	0.4 U	0.4 U	0.4 U	0.0059 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.79 U	0.4 U	0.4 U	0.4 U	0.4 U
CY04	CY0404	0.38 U	0.38 U	0.38 U	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.38 U	0.38 U	0.38 U	0.38 U
CY05	CY0501	0.37 U	0.37 U	0.37 U	0.0055 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.73 U	0.37 U	0.37 U	0.37 U	0.37 U
CY05	CY0502	0.38 U	0.38 U	0.38 U	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.38 U	0.38 U	0.38 U	0.38 U
CY05	CY0503	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U
CY05	CY0504	0.38 U	0.38 U	0.38 U	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.38 U	0.38 U	0.38 U	0.38 U
CY06	CY0601	0.72 U	0.72 U	0.72 U	0.023	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	1.4 U	0.72 U	0.72 U	0.72 U	0.72 U
CY06	CY0601D	1.4 U	1.4 U	1.4 U	0.037	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	2.9 U	1.4 U	1.4 U	1.4 U	1.4 U
CY06	CY0602	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78 U	0.39 U	0.39 U	0.39 U	0.39 U
CY06	CY0602D	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78 U	0.39 U	0.39 U	0.39 U	0.39 U
CY06	CY0603	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1-METHYLNAPHTHALENE	2,2'-OXYBIS (1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL
CY06	CY0603D	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U
CY06	CY0604	0.4 U	0.4 U	0.4 U	0.0059 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.79 U	0.4 U	0.4 U	0.4 U	0.4 U
CY06	CY0604D	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.79 U	0.4 U	0.4 U	0.4 U	0.4 U
CY07	CY0701	0.74 U	0.74 U	0.74 U	0.011 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	1.5 U	0.74 U	0.74 U	0.74 U	0.74 U
CY07	CY0702	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78 U	0.39 U	0.39 U	0.39 U	0.39 U
CY07	CY0703	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.79 U	0.39 U	0.39 U	0.39 U	0.39 U
CY07	CY0704	0.37 U	0.37 U	0.37 U	0.0056 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.74 U	0.37 U	0.37 U	0.37 U	0.37 U
CY08	CY0801	0.35 U	0.35 U	0.35 U	0.0053 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U
CY08	CY0802	0.4 U	0.4 U	0.4 U	0.0061 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.81 U	0.4 U	0.4 U	0.4 U	0.4 U
CY08	CY0803	0.42 U	0.42 U	0.42 U	0.0063 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.84 U	0.42 U	0.42 U	0.42 U	0.42 U
CY08	CY0804	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.79 U	0.39 U	0.39 U	0.39 U	0.39 U
CY09	CY0901	0.82 U	0.82 U	0.82 U	0.0076 J	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	1.6 U	0.82 U	0.82 U	0.82 U	0.82 U
CY09	CY0902	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U
CY09	CY0903	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U
CY10	CY1001	0.78 U	0.78 U	0.78 U	0.012 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	1.6 U	0.78 U	0.78 U	0.78 U	0.78 U
CY10	CY1002	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.81 U	0.4 U	0.4 U	0.4 U	0.4 U
CY10	CY1003	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U
CY11	CY1101	0.74 U	0.74 U	0.74 U	0.014	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	1.5 U	0.74 U	0.74 U	0.74 U	0.74 U
CY11	CY1102	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U
CY11	CY1103	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.81 U	0.41 U	0.41 U	0.41 U	0.41 U
CY12	CY1201	1.4 U	1.4 U	1.4 U	0.022 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	2.9 U	1.4 U	1.4 U	1.4 U	1.4 U
CY12	CY1202	0.41 U	0.41 U	0.41 U	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.83 U	0.41 U	0.41 U	0.41 U	0.41 U
CY12	CY1203	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U
EERC01	EERC0101	0.72 U	0.72 U	0.72 U	0.011 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	1.4 U	0.72 U	0.72 U	0.72 U	0.72 U
EERC01	EERC0102	0.39 U	0.39 U	0.39 U	0.0058 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78 U	0.39 U	0.39 U	0.39 U	0.39 U
EERC02	EERC0201	0.75 U	0.75 U	0.75 U	0.011 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	1.5 U	0.75 U	0.75 U	0.75 U	0.75 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1-METHYLNAPHTHALENE	2,2'-OXYBIS (1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL
EERC02	EERC0202	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.79 U	0.39 U	0.39 U	0.39 U	0.39 U
CCCT01	PCB41	0.36 U	0.36 U	0.36 U	0.0037 J	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.73 U	0.36 U	0.36 U	0.36 U	0.36 U
CCCT01	PCB42	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U
CCCT02	PCB43	1.5 U	1.5 U	1.5 U	0.039	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	2.9 U	1.5 U	1.5 U	1.5 U	1.5 U
CCCT02	PCB44	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.81 U	0.41 U	0.41 U	0.41 U	0.41 U
CCCT04	PCB47	0.35 U	0.35 U	0.35 U	0.0052 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.69 U	0.35 U	0.35 U	0.35 U	0.35 U
CCCT04	PCB48	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.38 U	0.38 U	0.38 U	0.38 U
CCCT05	PCB49	0.72 U	0.72 U	0.72 U	0.012	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	1.4 U	0.72 U	0.72 U	0.72 U	0.72 U
CCCT05	PCB50	0.41 U	0.41 U	0.41 U	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.83 U	0.41 U	0.41 U	0.41 U	0.41 U
CCCT06	PCB51	0.37 U	0.37 U	0.37 U	0.0098	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.75 U	0.37 U	0.37 U	0.37 U	0.37 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	2-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL-PHENYLETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL-PHENYLETHER	4-METHYLPHENOL	4-NITROANILINE
CY01	CY0101	0.021 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	2.8 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
CY01	CY0102	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
CY01	CY0103	0.0062 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.83 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
CY01	CY0104	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.76 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
CY02	CY0201	0.0053 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
CY02	CY0202	0.0056 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.75 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
CY02	CY0203	0.0062 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.83 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
CY02	CY0203D	0.0064 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.86 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
CY02	CY0204	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
CY03	CY0301	0.1	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	7.2 U	3.6 U	3.6 U	3.6 U	3.6 U	1.9 J	3.6 U
CY03	CY0302	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.75 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
CY03	CY0303	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CY03	CY0304	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CY04	CY0401	0.021 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	2.8 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
CY04	CY0402	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.76 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
CY04	CY0403	0.0059 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.79 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CY04	CY0404	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
CY05	CY0501	0.0055 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.73 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
CY05	CY0502	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
CY05	CY0503	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CY05	CY0504	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
CY06	CY0601	0.025	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	1.4 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
CY06	CY0601D	0.045	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	2.9 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
CY06	CY0602	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
CY06	CY0602D	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
CY06	CY0603	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	2-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL-PHENYLETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL-PHENYLETHER	4-METHYLPHENOL	4-NITROANILINE
CY06	CY0603D	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CY06	CY0604	0.0059 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.79 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CY06	CY0604D	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.79 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CY07	CY0701	0.011 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	1.5 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
CY07	CY0702	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
CY07	CY0703	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.79 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
CY07	CY0704	0.0056 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.74 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
CY08	CY0801	0.0032 J	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
CY08	CY0802	0.0061 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.81 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CY08	CY0803	0.0063 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.84 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
CY08	CY0804	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.79 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
CY09	CY0901	0.012 J	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	1.6 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
CY09	CY0902	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
CY09	CY0903	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
CY10	CY1001	0.012 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	1.6 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
CY10	CY1002	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.81 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CY10	CY1003	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
CY11	CY1101	0.0089 J	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	1.5 U	0.74 U	0.74 U	0.74 U	0.74 U	1.4	0.74 U
CY11	CY1102	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CY11	CY1103	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.81 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
CY12	CY1201	0.022 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	2.9 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
CY12	CY1202	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.83 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
CY12	CY1203	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
EERC01	EERC0101	0.011 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	1.4 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
EERC01	EERC0102	0.0058 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
EERC02	EERC0201	0.011 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	1.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	2-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL-PHENYLETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL-PHENYLETHER	4-METHYLPHENOL	4-NITROANILINE
EERC02	EERC0202	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.79 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
CCCT01	PCB41	0.0046 J	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.73 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
CCCT01	PCB42	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
CCCT02	PCB43	0.04	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	2.9 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
CCCT02	PCB44	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.81 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
CCCT04	PCB47	0.0052 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.69 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
CCCT04	PCB48	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
CCCT05	PCB49	0.013	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	1.4 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
CCCT05	PCB50	0.0043 J	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.83 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
CCCT06	PCB51	0.0063	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.75 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHENE	ACENAPHTHYLENE	ACENAPHTHYLENE	ANTHRACENE	ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
CY01	CY0101	2.8 U	0.048	1.4 U	0.014 J	1.4 U	0.071	1.4 U	0.36	1.4 U	0.53	1.4 U	0.76	1.4 U	0.45
CY01	CY0102	0.82 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.0062 U
CY01	CY0103	0.83 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.0062 U
CY01	CY0104	0.76 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U
CY02	CY0201	0.7 U	0.0053 U	0.35 U	0.0053 U	0.35 U	0.0053 U	0.35 U	0.0066	0.35 U	0.0071	0.35 U	0.016	0.35 U	0.0074
CY02	CY0202	0.75 U	0.0056 U	0.38 U	0.0056 U	0.38 U	0.0056 U	0.38 U	0.0056 U	0.38 U	0.0056 U	0.38 U	0.0056 U	0.38 U	0.0056 U
CY02	CY0203	0.83 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.0062 U
CY02	CY0203D	0.86 U	0.0064 U	0.43 U	0.0064 U	0.43 U	0.0064 U	0.43 U	0.0064 U	0.43 U	0.0064 U	0.43 U	0.0064 U	0.43 U	0.0064 U
CY02	CY0204	0.77 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U
CY03	CY0301	7.2 U	2.1	2.5 J	0.15	3.6 U	3.5	3.4 J	10	11	11	9.8	14	13	5.8
CY03	CY0302	0.75 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0083	0.38 U	0.0086	0.38 U	0.011	0.38 U	0.0046 J
CY03	CY0303	0.8 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U
CY03	CY0304	0.8 U	0.0036 J	0.4 U	0.006 U	0.4 U	0.0042 J	0.4 U	0.012	0.4 U	0.012	0.4 U	0.015	0.4 U	0.0063
CY04	CY0401	2.8 U	0.021 U	1.4 U	0.021 U	1.4 U	0.021 U	1.4 U	0.11	1.4 U	0.31	1.4 U	0.52	1.4 U	0.47
CY04	CY0402	0.76 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0058	0.38 U	0.014	0.38 U	0.026	0.38 U	0.021
CY04	CY0403	0.79 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.0059 U
CY04	CY0404	0.77 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.0058 U
CY05	CY0501	0.73 U	0.0055 U	0.37 U	0.0049 J	0.37 U	0.0052 J	0.37 U	0.025	0.37 U	0.038	0.37 U	0.073	0.37 U	0.037
CY05	CY0502	0.77 U	0.0058 U	0.38 U	0.0031 J	0.38 U	0.0046 J	0.38 U	0.012	0.38 U	0.0093	0.38 U	0.035	0.38 U	0.011
CY05	CY0503	0.8 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U
CY05	CY0504	0.77 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.0058 U
CY06	CY0601	1.4 U	0.011 U	0.72 U	0.023	0.72 U	0.024	0.72 U	0.061	0.72 U	0.21	0.72 U	0.26	0.72 U	0.2
CY06	CY0601D	2.9 U	0.022 U	1.4 U	0.096	1.4 U	0.059	1.4 U	0.21	1.4 U	0.36	1.4 U	0.7	1.4 U	0.33
CY06	CY0602	0.78 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U
CY06	CY0602D	0.78 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U
CY06	CY0603	0.8 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHENE	ACENAPHTHYLENE	ACENAPHTHYLENE	ANTHRACENE	ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
CY06	CY0603D	0.8 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U
CY06	CY0604	0.79 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.0059 U
CY06	CY0604D	0.79 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U
CY07	CY0701	1.5 U	0.011 U	0.74 U	0.013	0.74 U	0.0067 J	0.74 U	0.041	0.74 U	0.049	0.74 U	0.065	0.74 U	0.053
CY07	CY0702	0.78 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U
CY07	CY0703	0.79 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U
CY07	CY0704	0.74 U	0.0056 U	0.37 U	0.0056 U	0.37 U	0.0056 U	0.37 U	0.0056 U	0.37 U	0.0056 U	0.37 U	0.0056 U	0.37 U	0.0056 U
CY08	CY0801	0.7 U	0.0053 U	0.35 U	0.0053 U	0.35 U	0.0053 U	0.35 U	0.007	0.35 U	0.0058	0.35 U	0.014	0.35 U	0.0066
CY08	CY0802	0.81 U	0.0061 U	0.4 U	0.0061 U	0.4 U	0.0061 U	0.4 U	0.0061 U	0.4 U	0.0061 U	0.4 U	0.0061 U	0.4 U	0.0061 U
CY08	CY0803	0.84 U	0.0063 U	0.42 U	0.0063 U	0.42 U	0.0063 U	0.42 U	0.0063 U	0.42 U	0.0063 U	0.42 U	0.0063 U	0.42 U	0.0063 U
CY08	CY0804	0.79 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U
CY09	CY0901	1.6 U	0.058	0.82 U	0.0074 J	0.82 U	0.083	0.82 U	0.43	0.42 J	0.5	0.44 J	0.61	0.67 J	0.3
CY09	CY0902	0.82 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0036 J	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U
CY09	CY0903	0.82 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U
CY10	CY1001	1.6 U	0.012 U	0.78 U	0.0068 J	0.78 U	0.012 U	0.78 U	0.039	0.78 U	0.031	0.78 U	0.047	0.78 U	0.03
CY10	CY1002	0.81 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U
CY10	CY1003	0.82 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U
CY11	CY1101	1.5 U	0.011 U	0.74 U	0.14	0.74 U	0.03	0.74 U	0.16	0.74 U	0.22	0.74 U	0.33	0.74 U	0.19
CY11	CY1102	0.8 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.006 U
CY11	CY1103	0.81 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U
CY12	CY1201	2.9 U	0.022 U	1.4 U	0.022 U	1.4 U	0.022 U	1.4 U	0.066	1.4 U	0.065	1.4 U	0.1	1.4 U	0.047
CY12	CY1202	0.83 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.0062 U
CY12	CY1203	0.82 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U
EERC01	EERC0101	1.4 U	0.011 U	0.72 U	0.011 U	0.72 U	0.011 U	0.72 U	0.011 U	0.72 U	0.011 U	0.72 U	0.011 U	0.72 U	0.011 U
EERC01	EERC0102	0.78 U	0.0058 U	0.39 U	0.0058 U	0.39 U	0.0058 U	0.39 U	0.0058 U	0.39 U	0.0058 U	0.39 U	0.0058 U	0.39 U	0.0058 U
EERC02	EERC0201	1.5 U	0.011 U	0.75 U	0.011 U	0.75 U	0.011 U	0.75 U	0.011 U	0.75 U	0.011 U	0.75 U	0.011 U	0.75 U	0.011 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHENE	ACENAPHTHYLENE	ACENAPHTHYLENE	ANTHRACENE	ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
EERC02	EERC0202	0.79 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.0059 U
CCCT01	PCB41	0.73 U	0.0055 U	0.36 U	0.017	0.36 U	0.014	0.36 U	0.068	0.36 U	0.084	0.36 U	0.14	0.36 U	0.069
CCCT01	PCB42	0.82 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U
CCCT02	PCB43	2.9 U	0.022 U	1.5 U	0.11	1.5 U	0.077	1.5 U	1.3	1.3 J	1.9	1.6	2.6	2.3	1.4
CCCT02	PCB44	0.81 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.0061 U
CCCT04	PCB47	0.69 U	0.0052 U	0.35 U	0.0071	0.35 U	0.0089	0.35 U	0.03	0.35 U	0.13	0.35 U	0.19	0.18 J	0.11
CCCT04	PCB48	0.77 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.0057 U
CCCT05	PCB49	1.4 U	0.025	0.72 U	0.043	0.72 U	0.026	0.72 U	0.096	0.72 U	0.14	0.72 U	0.24	0.72 U	0.097
CCCT05	PCB50	0.83 U	0.0062 U	0.41 U	0.0046 J	0.41 U	0.0034 J	0.41 U	0.014	0.41 U	0.019	0.41 U	0.039	0.41 U	0.022
CCCT06	PCB51	0.75 U	0.0056 U	0.37 U	0.026	0.37 U	0.011	0.37 U	0.046	0.37 U	0.11	0.37 U	0.19	0.37 U	0.1

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Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BENZO(K)FLUORANTHENE	BENZYL ALCOHOL	BIS(2-CHLOROETHOXY) METHANE	BIS(2-CHLOROETHYL) ETHER	BIS(2-ETHYLHEXYL) PHTHALATE	BUTYLBENZYLPHTHALATE	CARBAZOLE	CHRYSENE	CHRYSENE	DIBENZ(A,H)ANTHRACENE	DIBENZ(A,H)ANTHRACENE	DIBENZOFURAN
CY01	CY0101	1.4 U	0.26	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	0.45	1.4 U	0.11	1.4 U	1.4 U
CY01	CY0102	0.41 U	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.41 U
CY01	CY0103	0.42 U	0.0062 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.42 U
CY01	CY0104	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.38 U
CY02	CY0201	0.35 U	0.0037 J	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.0079	0.35 U	0.0053 U	0.35 U	0.35 U
CY02	CY0202	0.38 U	0.0056 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0056 U	0.38 U	0.0056 U	0.38 U	0.38 U
CY02	CY0203	0.42 U	0.0062 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.42 U
CY02	CY0203D	0.43 U	0.0064 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.0064 U	0.43 U	0.0064 U	0.43 U	0.43 U
CY02	CY0204	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.38 U
CY03	CY0301	5.5	4.7	3.8	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	2.6 J	12	13	1.5	3.6 U	3.6 U
CY03	CY0302	0.38 U	0.0034 J	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0082	0.38 U	0.0057 U	0.38 U	0.38 U
CY03	CY0303	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U
CY03	CY0304	0.4 U	0.0051 J	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.012	0.4 U	0.006 U	0.4 U	0.4 U
CY04	CY0401	1.4 U	0.14	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	0.19	1.4 U	0.1	1.4 U	1.4 U
CY04	CY0402	0.38 U	0.0052 J	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0066	0.38 U	0.0067	0.38 U	0.38 U
CY04	CY0403	0.4 U	0.0059 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.4 U
CY04	CY0404	0.38 U	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.38 U
CY05	CY0501	0.37 U	0.022	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.044	0.37 U	0.012	0.37 U	0.37 U
CY05	CY0502	0.38 U	0.01	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.031	0.38 U	0.0058 U	0.38 U	0.38 U
CY05	CY0503	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U
CY05	CY0504	0.38 U	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.38 U
CY06	CY0601	0.72 U	0.063	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.12	0.72 U	0.033	0.72 U	0.72 U
CY06	CY0601D	1.4 U	0.17	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	0.39	1.4 U	0.064	1.4 U	1.4 U
CY06	CY0602	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.39 U
CY06	CY0602D	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.39 U
CY06	CY0603	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BENZO(K)FLUORANTHENE	BENZYL ALCOHOL	BIS(2-CHLOROETHOXY) METHANE	BIS(2-CHLOROETHYL) ETHER	BIS(2-ETHYLHEXYL) PHTHALATE	BUTYLBENZYLPHTHALATE	CARBAZOLE	CHRYSENE	CHRYSENE	DIBENZ(A,H)ANTHRACENE	DIBENZ(A,H)ANTHRACENE	DIBENZOFURAN
CY06	CY0603D	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U
CY06	CY0604	0.4 U	0.0059 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.4 U
CY06	CY0604D	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U
CY07	CY0701	0.74 U	0.023	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.039	0.74 U	0.019	0.74 U	0.74 U
CY07	CY0702	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.39 U
CY07	CY0703	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.39 U
CY07	CY0704	0.37 U	0.0056 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.0056 U	0.37 U	0.0056 U	0.37 U	0.37 U
CY08	CY0801	0.35 U	0.0053 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.0068	0.35 U	0.0053 U	0.35 U	0.35 U
CY08	CY0802	0.4 U	0.0061 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.0061 U	0.4 U	0.0061 U	0.4 U	0.4 U
CY08	CY0803	0.42 U	0.0063 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.0063 U	0.42 U	0.0063 U	0.42 U	0.42 U
CY08	CY0804	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.39 U
CY09	CY0901	0.82 U	0.21	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.56	0.54 J	0.079	0.82 U	0.82 U
CY09	CY0902	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U
CY09	CY0903	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U
CY10	CY1001	0.78 U	0.012	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.025	0.78 U	0.0093 J	0.78 U	0.78 U
CY10	CY1002	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U
CY10	CY1003	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U
CY11	CY1101	0.74 U	0.082	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.2	0.74 U	0.031	0.74 U	0.74 U
CY11	CY1102	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U
CY11	CY1103	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U
CY12	CY1201	1.4 U	0.026	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	0.06	1.4 U	0.022 U	1.4 U	1.4 U
CY12	CY1202	0.41 U	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.41 U
CY12	CY1203	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U
EERC01	EERC0101	0.72 U	0.011 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.011 U	0.72 U	0.011 U	0.72 U	0.72 U
EERC01	EERC0102	0.39 U	0.0058 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0058 U	0.39 U	0.0058 U	0.39 U	0.39 U
EERC02	EERC0201	0.75 U	0.011 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.011 U	0.75 U	0.011 U	0.75 U	0.75 U

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BENZO(K)FLUORANTHENE	BENZYL ALCOHOL	BIS(2-CHLOROETHOXY) METHANE	BIS(2-CHLOROETHYL) ETHER	BIS(2-ETHYLHEXYL) PHTHALATE	BUTYLBENZYLPHTHALATE	CARBAZOLE	CHRYSENE	CHRYSENE	DIBENZ(A,H)ANTHRACENE	DIBENZ(A,H)ANTHRACENE	DIBENZOFURAN
EERC02	EERC0202	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.39 U
CCCT01	PCB41	0.36 U	0.046	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.11	0.36 U	0.017	0.36 U	0.36 U
CCCT01	PCB42	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U
CCCT02	PCB43	1.4 J	0.7	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.8	1.9	0.5	1.5 U	1.5 U
CCCT02	PCB44	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U
CCCT04	PCB47	0.35 U	0.057	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.078	0.35 U	0.028	0.35 U	0.35 U
CCCT04	PCB48	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.38 U
CCCT05	PCB49	0.72 U	0.063	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.19	0.72 U	0.022	0.72 U	0.72 U
CCCT05	PCB50	0.41 U	0.01	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.019	0.41 U	0.0043 J	0.41 U	0.41 U
CCCT06	PCB51	0.37 U	0.055	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.12	0.37 U	0.023	0.37 U	0.37 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	DIETHYLPHTHALATE	DIMETHYLPHTHALATE	DI-N-BUTYLPHTHALATE	DI-N-OCTYLPHTHALATE	FLUORANTHENE	FLUORANTHENE	FLUORENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLORO-CYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	INDENO(1,2,3-CD)PYRENE
CY01	CY0101	1.4 U	1.4 U	1.4 U	1.4 U	0.95	0.84 J	0.021 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	0.38	1.4 U
CY01	CY0102	0.41 U	0.41 U	0.41 U	0.41 U	0.0041 J	0.41 U	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0062 U	0.41 U
CY01	CY0103	0.42 U	0.42 U	0.42 U	0.42 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.0062 U	0.42 U
CY01	CY0104	0.38 U	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U
CY02	CY0201	0.35 U	0.35 U	0.35 U	0.35 U	0.014	0.35 U	0.0053 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.0058	0.35 U
CY02	CY0202	0.38 U	0.38 U	0.38 U	0.38 U	0.0056 U	0.38 U	0.0056 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0056 U	0.38 U
CY02	CY0203	0.42 U	0.42 U	0.42 U	0.42 U	0.0062 U	0.42 U	0.0062 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.0062 U	0.42 U
CY02	CY0203D	0.43 U	0.43 U	0.43 U	0.43 U	0.0064 U	0.43 U	0.0064 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.0064 U	0.43 U
CY02	CY0204	0.38 U	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U
CY03	CY0301	3.6 U	3.6 U	3.6 U	3.6 U	28	27	1.2	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	5.2	4.6
CY03	CY0302	0.38 U	0.38 U	0.38 U	0.38 U	0.023	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0055 J	0.38 U
CY03	CY0303	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U
CY03	CY0304	0.4 U	0.4 U	0.4 U	0.4 U	0.033	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.0061	0.4 U
CY04	CY0401	1.4 U	1.4 U	1.4 U	1.4 U	0.22	1.4 U	0.021 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	0.37	1.4 U
CY04	CY0402	0.38 U	0.38 U	0.38 U	0.38 U	0.0086	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.016	0.38 U
CY04	CY0403	0.4 U	0.4 U	0.4 U	0.4 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.0059 U	0.4 U
CY04	CY0404	0.38 U	0.38 U	0.38 U	0.38 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0058 U	0.38 U
CY05	CY0501	0.37 U	0.37 U	0.37 U	0.37 U	0.08	0.37 U	0.0055 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.031	0.37 U
CY05	CY0502	0.38 U	0.38 U	0.38 U	0.38 U	0.076	0.38 U	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.012	0.38 U
CY05	CY0503	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U
CY05	CY0504	0.38 U	0.38 U	0.38 U	0.38 U	0.0058 U	0.38 U	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0058 U	0.38 U
CY06	CY0601	0.72 U	0.72 U	0.72 U	0.72 U	0.22	0.72 U	0.011 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.14	0.72 U
CY06	CY0601D	1.4 U	1.4 U	1.4 U	1.4 U	1.1	1.2 J	0.022 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	0.29	1.4 U
CY06	CY0602	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U
CY06	CY0602D	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U
CY06	CY0603	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	DIETHYLPHTHALATE	DIMETHYLPHTHALATE	DI-N-BUTYLPHTHALATE	DI-N-OCTYLPHTHALATE	FLUORANTHENE	FLUORANTHENE	FLUORENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLORO-CYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	INDENO(1,2,3-CD)PYRENE
CY06	CY0603D	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U
CY06	CY0604	0.4 U	0.4 U	0.4 U	0.4 U	0.0059 U	0.4 U	0.0059 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.0059 U	0.4 U
CY06	CY0604D	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U
CY07	CY0701	0.74 U	0.74 U	0.74 U	0.74 U	0.083	0.74 U	0.011 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.035	0.74 U
CY07	CY0702	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U
CY07	CY0703	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U
CY07	CY0704	0.37 U	0.37 U	0.37 U	0.37 U	0.0056 U	0.37 U	0.0056 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.0056 U	0.37 U
CY08	CY0801	0.35 U	0.35 U	0.35 U	0.35 U	0.017	0.35 U	0.0053 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.0053	0.35 U
CY08	CY0802	0.4 U	0.4 U	0.4 U	0.4 U	0.0061 U	0.4 U	0.0061 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.0061 U	0.4 U
CY08	CY0803	0.42 U	0.42 U	0.42 U	0.42 U	0.0063 U	0.42 U	0.0063 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.0063 U	0.42 U
CY08	CY0804	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U
CY09	CY0901	0.82 U	0.82 U	0.82 U	0.82 U	1.1	1.2	0.027	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.16	0.82 U
CY09	CY0902	0.41 U	0.41 U	0.41 U	0.41 U	0.0045 J	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U
CY09	CY0903	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U
CY10	CY1001	0.78 U	0.78 U	0.78 U	0.78 U	0.058	0.78 U	0.012 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.011 J	0.78 U
CY10	CY1002	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U
CY10	CY1003	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U
CY11	CY1101	0.74 U	0.74 U	0.74 U	0.74 U	0.51	0.58 J	0.011 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.23	0.74 U
CY11	CY1102	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.006 U	0.4 U
CY11	CY1103	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U
CY12	CY1201	1.4 U	1.4 U	1.4 U	1.4 U	0.13	1.4 U	0.022 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	0.023	1.4 U
CY12	CY1202	0.41 U	0.41 U	0.41 U	0.41 U	0.0062 U	0.41 U	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0062 U	0.41 U
CY12	CY1203	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U
EERC01	EERC0101	0.72 U	0.72 U	0.72 U	0.72 U	0.011 U	0.72 U	0.011 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.011 U	0.72 U
EERC01	EERC0102	0.39 U	0.39 U	0.39 U	0.39 U	0.0058 U	0.39 U	0.0058 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0058 U	0.39 U
EERC02	EERC0201	0.75 U	0.75 U	0.75 U	0.75 U	0.011 U	0.75 U	0.011 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.011 U	0.75 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	DIETHYLPHTHALATE	DIMETHYLPHTHALATE	DI-N-BUTYLPHTHALATE	DI-N-OCTYLPHTHALATE	FLUORANTHENE	FLUORANTHENE	FLUORENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLORO-CYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	INDENO(1,2,3-CD)PYRENE
EERC02	EERC0202	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.0059 U	0.39 U
CCCT01	PCB41	0.36 U	0.36 U	0.36 U	0.36 U	0.22	0.22 J	0.0055 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.061	0.36 U
CCCT01	PCB42	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U
CCCT02	PCB43	1.5 U	1.5 U	1.5 U	1.5 U	2.8	2.8	0.034	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.1	1.1 J
CCCT02	PCB44	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.0061 U	0.41 U
CCCT04	PCB47	0.35 U	0.35 U	0.35 U	0.35 U	0.034	0.35 U	0.0052 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.097	0.35 U
CCCT04	PCB48	0.38 U	0.38 U	0.38 U	0.38 U	0.005 J	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.0057 U	0.38 U
CCCT05	PCB49	0.72 U	0.72 U	0.72 U	0.72 U	0.5	0.48 J	0.011 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.11	0.72 U
CCCT05	PCB50	0.41 U	0.41 U	0.41 U	0.41 U	0.059	0.41 U	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.021	0.41 U
CCCT06	PCB51	0.37 U	0.37 U	0.37 U	0.37 U	0.27	0.28 J	0.0056 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.1	0.37 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	ISOPHORONE	NAPHTHALENE	NAPHTHALENE	NITROBENZENE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENANTHRENE	PHENOL	PYRENE	PYRENE
CY01	CY0101	1.4 U	0.021 U	1.4 U	1.4 U	1.4 U	1.4 U	2.8 U	0.38	1.4 U	1.4 U	0.96	1 J
CY01	CY0102	0.41 U	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.0062 U	0.41 U	0.41 U	0.0062 U	0.41 U
CY01	CY0103	0.42 U	0.0062 U	0.42 U	0.42 U	0.42 U	0.42 U	0.83 U	0.0062 U	0.42 U	0.42 U	0.0062 U	0.42 U
CY01	CY0104	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.76 U	0.0057 U	0.38 U	0.38 U	0.0038 J	0.38 U
CY02	CY0201	0.35 U	0.0053 U	0.35 U	0.35 U	0.35 U	0.35 U	0.7 U	0.012	0.35 U	0.35 U	0.014	0.35 U
CY02	CY0202	0.38 U	0.0056 U	0.38 U	0.38 U	0.38 U	0.38 U	0.75 U	0.0056 U	0.38 U	0.38 U	0.0056 U	0.38 U
CY02	CY0203	0.42 U	0.0062 U	0.42 U	0.42 U	0.42 U	0.42 U	0.83 U	0.0062 U	0.42 U	0.42 U	0.0062 U	0.42 U
CY02	CY0203D	0.43 U	0.0064 U	0.43 U	0.43 U	0.43 U	0.43 U	0.86 U	0.0064 U	0.43 U	0.43 U	0.0064 U	0.43 U
CY02	CY0204	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.0057 U	0.38 U	0.38 U	0.0057 U	0.38 U
CY03	CY0301	3.6 U	0.12	3.6 U	3.6 U	3.6 U	3.6 U	7.2 U	18	19	3.6 U	29	30
CY03	CY0302	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.75 U	0.015	0.38 U	0.38 U	0.022	0.38 U
CY03	CY0303	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.006 U	0.4 U	0.4 U	0.006 U	0.4 U
CY03	CY0304	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.026	0.4 U	0.4 U	0.031	0.4 U
CY04	CY0401	1.4 U	0.021 U	1.4 U	1.4 U	1.4 U	1.4 U	2.8 U	0.1	1.4 U	1.4 U	0.21	1.4 U
CY04	CY0402	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.76 U	0.0057 U	0.38 U	0.38 U	0.0077	0.38 U
CY04	CY0403	0.4 U	0.0059 U	0.4 U	0.4 U	0.4 U	0.4 U	0.79 U	0.0059 U	0.4 U	0.4 U	0.0059 U	0.4 U
CY04	CY0404	0.38 U	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.0058 U	0.38 U	0.38 U	0.0058 U	0.38 U
CY05	CY0501	0.37 U	0.0055 U	0.37 U	0.37 U	0.37 U	0.37 U	0.73 U	0.033	0.37 U	0.37 U	0.074	0.37 U
CY05	CY0502	0.38 U	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.026	0.38 U	0.38 U	0.051	0.38 U
CY05	CY0503	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.006 U	0.4 U	0.4 U	0.006 U	0.4 U
CY05	CY0504	0.38 U	0.0058 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.0058 U	0.38 U	0.38 U	0.0058 U	0.38 U
CY06	CY0601	0.72 U	0.023	0.72 U	0.72 U	0.72 U	0.72 U	1.4 U	0.16	0.72 U	0.72 U	0.19	0.72 U
CY06	CY0601D	1.4 U	0.042	1.4 U	1.4 U	1.4 U	1.4 U	2.9 U	0.99	1.1 J	1.4 U	0.79	0.84 J
CY06	CY0602	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78 U	0.0059 U	0.39 U	0.39 U	0.0059 U	0.39 U
CY06	CY0602D	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78 U	0.0059 U	0.39 U	0.39 U	0.0059 U	0.39 U
CY06	CY0603	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.006 U	0.4 U	0.4 U	0.006 U	0.4 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	ISOPHORONE	NAPHTHALENE	NAPHTHALENE	NITROBENZENE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENANTHRENE	PHENOL	PYRENE	PYRENE
CY06	CY0603D	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.006 U	0.4 U	0.4 U	0.006 U	0.4 U
CY06	CY0604	0.4 U	0.0059 U	0.4 U	0.4 U	0.4 U	0.4 U	0.79 U	0.0059 U	0.4 U	0.4 U	0.0059 U	0.4 U
CY06	CY0604D	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.79 U	0.006 U	0.4 U	0.4 U	0.006 U	0.4 U
CY07	CY0701	0.74 U	0.011 U	0.74 U	0.74 U	0.74 U	0.74 U	1.5 U	0.032	0.74 U	0.74 U	0.073	0.74 U
CY07	CY0702	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78 U	0.0059 U	0.39 U	0.39 U	0.0059 U	0.39 U
CY07	CY0703	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.79 U	0.0059 U	0.39 U	0.39 U	0.0059 U	0.39 U
CY07	CY0704	0.37 U	0.0056 U	0.37 U	0.37 U	0.37 U	0.37 U	0.74 U	0.0056 U	0.37 U	0.37 U	0.0056 U	0.37 U
CY08	CY0801	0.35 U	0.0053 U	0.35 U	0.35 U	0.35 U	0.35 U	0.7 U	0.013	0.35 U	0.35 U	0.013	0.35 U
CY08	CY0802	0.4 U	0.0061 U	0.4 U	0.4 U	0.4 U	0.4 U	0.81 U	0.0061 U	0.4 U	0.4 U	0.0061 U	0.4 U
CY08	CY0803	0.42 U	0.0063 U	0.42 U	0.42 U	0.42 U	0.42 U	0.84 U	0.0063 U	0.42 U	0.42 U	0.0063 U	0.42 U
CY08	CY0804	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.79 U	0.0059 U	0.39 U	0.39 U	0.0059 U	0.39 U
CY09	CY0901	0.82 U	0.01 J	0.82 U	0.82 U	0.82 U	0.82 U	1.6 U	0.48	0.56 J	0.82 U	1.1	1
CY09	CY0902	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.0061 U	0.41 U	0.41 U	0.0035 J	0.41 U
CY09	CY0903	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.0061 U	0.41 U	0.41 U	0.0061 U	0.41 U
CY10	CY1001	0.78 U	0.012 U	0.78 U	0.78 U	0.78 U	0.78 U	1.6 U	0.025	0.78 U	0.78 U	0.053	0.78 U
CY10	CY1002	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.81 U	0.006 U	0.4 U	0.4 U	0.006 U	0.4 U
CY10	CY1003	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.0061 U	0.41 U	0.41 U	0.0061 U	0.41 U
CY11	CY1101	0.74 U	0.011 J	0.74 U	0.74 U	0.74 U	0.74 U	1.5 U	0.22	0.74 U	0.74 U	0.42	0.38 J
CY11	CY1102	0.4 U	0.006 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.006 U	0.4 U	0.4 U	0.006 U	0.4 U
CY11	CY1103	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.81 U	0.0061 U	0.41 U	0.41 U	0.0061 U	0.41 U
CY12	CY1201	1.4 U	0.022 U	1.4 U	1.4 U	1.4 U	1.4 U	2.9 U	0.063	1.4 U	1.4 U	0.13	1.4 U
CY12	CY1202	0.41 U	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.83 U	0.0062 U	0.41 U	0.41 U	0.0062 U	0.41 U
CY12	CY1203	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.0061 U	0.41 U	0.41 U	0.0061 U	0.41 U
EERC01	EERC0101	0.72 U	0.011 U	0.72 U	0.72 U	0.72 U	0.72 U	1.4 U	0.011 U	0.72 U	0.72 U	0.011 U	0.72 U
EERC01	EERC0102	0.39 U	0.0058 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78 U	0.0058 U	0.39 U	0.39 U	0.0058 U	0.39 U
EERC02	EERC0201	0.75 U	0.011 U	0.75 U	0.75 U	0.75 U	0.75 U	1.5 U	0.011 U	0.75 U	0.75 U	0.011 U	0.75 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

SVOC AND PAH (mg/kg)

Location ID	Sample ID	ISOPHORONE	NAPHTHALENE	NAPHTHALENE	NITROBENZENE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENANTHRENE	PHENOL	PYRENE	PYRENE
EERC02	EERC0202	0.39 U	0.0059 U	0.39 U	0.39 U	0.39 U	0.39 U	0.79 U	0.0059 U	0.39 U	0.39 U	0.0059 U	0.39 U
CCCT01	PCB41	0.36 U	0.0044 J	0.36 U	0.36 U	0.36 U	0.36 U	0.73 U	0.13	0.36 U	0.36 U	0.21	0.2 J
CCCT01	PCB42	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	0.0061 U	0.41 U	0.41 U	0.0061 U	0.41 U
CCCT02	PCB43	1.5 U	0.065	1.5 U	1.5 U	1.5 U	1.5 U	2.9 U	1.6	1.7	1.5 U	2.5	2.4
CCCT02	PCB44	0.41 U	0.0061 U	0.41 U	0.41 U	0.41 U	0.41 U	0.81 U	0.0061 U	0.41 U	0.41 U	0.0061 U	0.41 U
CCCT04	PCB47	0.35 U	0.0052 U	0.35 U	0.35 U	0.35 U	0.35 U	0.69 U	0.026	0.35 U	0.35 U	0.031	0.35 U
CCCT04	PCB48	0.38 U	0.0057 U	0.38 U	0.38 U	0.38 U	0.38 U	0.77 U	0.0057 U	0.38 U	0.38 U	0.0032 J	0.38 U
CCCT05	PCB49	0.72 U	0.016	0.72 U	0.72 U	0.72 U	0.72 U	1.4 U	0.36	0.41 J	0.72 U	0.41	0.41 J
CCCT05	PCB50	0.41 U	0.0062 U	0.41 U	0.41 U	0.41 U	0.41 U	0.83 U	0.041	0.41 U	0.41 U	0.047	0.41 U
CCCT06	PCB51	0.37 U	0.0062	0.37 U	0.37 U	0.37 U	0.37 U	0.75 U	0.21	0.23 J	0.37 U	0.21	0.2 J

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

		TPH (mg/kg)		
Location ID	Sample ID	DIESEL RANGE ORGANIC	MOTOR OIL	GASOLINE RANGE ORGANIC
CY01	CY0101	130	430	3.5
CY01	CY0102	12 U	12 U	1.4 U
CY01	CY0103	12 U	12 U	1.2 U
CY01	CY0104	11 U	11 U	0.91 U
CY02	CY0201	11 U	7.5 J	1 U
CY02	CY0202	11 U	11 U	1.2 U
CY02	CY0203	12 U	12 U	1.3 U
CY02	CY0203D	13 U	13 U	1.5 U
CY02	CY0204	11 U	11 U	1.2 U
CY03	CY0301	1100	1400	1.7
CY03	CY0302	11 U	11 U	1 U
CY03	CY0303	12 U	12 U	1.2 U
CY03	CY0304	12 U	12 U	1.1 U
CY04	CY0401	250	420	5.5
CY04	CY0402	7.3 J	6.9 J	1.3 U
CY04	CY0403	12 U	12 U	0.84 J
CY04	CY0404	12 U	12 U	1 J
CY05	CY0501	24	100	1.3 U
CY05	CY0502	12 U	34	1.6 U
CY05	CY0503	12 U	12 U	0.66 J
CY05	CY0504	12 U	12 U	0.82 J
CY06	CY0601	190	410	4.8
CY06	CY0601D	330	1200	3
CY06	CY0602	8.5 J	51	0.96 U
CY06	CY0602D	34	190	0.52 J
CY06	CY0603	12 U	12 U	1.1 U
CY06	CY0603D	12 U	12 U	1.3 U
CY06	CY0604	12 U	12 U	1.2 U
CY06	CY0604D	12 U	12 U	0.96 U
CY07	CY0701	45	91	0.96 J
CY07	CY0702	12 U	12 U	0.97 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

		TPH (mg/kg)		
Location ID	Sample ID	DIESEL RANGE ORGANIC	MOTOR OIL	GASOLINE RANGE ORGANIC
CY07	CY0703	12 U	12 U	1.1 U
CY07	CY0704	11 U	11 U	0.95 U
CY08	CY0801	32	46	0.72 J
CY08	CY0802	12 U	12 U	0.87 J
CY08	CY0803	13 U	13 U	1.1 J
CY08	CY0804	12 U	12 U	0.87 J
CY09	CY0901	39	130	1.5 U
CY09	CY0902	12 U	12 U	1 U
CY09	CY0903	12 U	12 U	1.3 U
CY10	CY1001	32	120	1.2 U
CY10	CY1002	12 U	12 U	1.2 U
CY10	CY1003	12 U	12 U	1 U
CY11	CY1101	700	900	6.1
CY11	CY1102	12 U	12 U	1 U
CY11	CY1103	12 U	12 U	0.99 U
CY12	CY1201	21	170	1.2 U
CY12	CY1202	12 U	12 U	1.1 U
CY12	CY1203	12 U	12 U	1.1 U
EERC01	EERC0101	2400	13000	1.1 U
EERC01	EERC0102	170	780	1.1 U
EERC02	EERC0201	650	3600	1 U
EERC02	EERC0202	59	300	0.98 U
CCCT01	PCB41	6.9 J	29	0.58 J
CCCT01	PCB42	12 U	12 U	1.4 U
CCCT02	PCB43	46	190	0.76 J
CCCT02	PCB44	12 UJ	12 UJ	1.5 U
CCCT04	PCB47	10 U	22	1.7
CCCT04	PCB48	11 U	11 U	1.3 U
CCCT05	PCB49	180	280	1.4
CCCT05	PCB50	12 U	10 J	1.2 U
CCCT06	PCB51	61	47	1.2 U

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Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

PESICIDES (mg/kg)

Location ID	Sample ID	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
CY01	CY0101	0.0021 U	0.014	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.012	0.0021 U	0.012
CY01	CY0102	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
CY01	CY0103	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
CY01	CY0104	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
CY02	CY0201	0.0021 U	0.0028	0.0099	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0044	0.0021 U	0.0021 U	0.0021 U	0.0021 U
CY02	CY0202	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.00085 J	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
CY02	CY0203	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
CY02	CY0203D	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U
CY02	CY0204	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
CY03	CY0301	0.011 J	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.031	0.0053 J	0.022 U	0.022 U	0.022 U
CY03	CY0302	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
CY03	CY0303	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY03	CY0304	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY04	CY0401	0.0021 U	0.0021 U	0.00058 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0015 J	0.0021 U	0.0021 U	0.00088 J	0.0021 U
CY04	CY0402	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
CY04	CY0403	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY04	CY0404	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
CY05	CY0501	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
CY05	CY0502	0.0023 U	0.0026 J	0.011	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
CY05	CY0503	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY05	CY0504	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
CY06	CY0601	0.022 U	0.022 U	0.13	0.022 U	0.022 U	0.0081 J	0.022 U	0.022 U	0.078	0.022 U	0.022 U	0.022 U	0.022 U
CY06	CY0601D	0.022 U	0.022 U	0.12	0.022 U	0.022 U	0.0046 J	0.022 U	0.022 U	0.077	0.022 U	0.022 U	0.022 U	0.022 U
CY06	CY0602	0.0023 U	0.0023 U	0.00064 J	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0011 J	0.0023 U	0.0023 U	0.0023 U	0.0023 U
CY06	CY0602D	0.0023 U	0.0023 U	0.0012 J	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0012 J	0.0023 U	0.0023 U	0.0023 U	0.0023 U
CY06	CY0603	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY06	CY0603D	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY06	CY0604	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY06	CY0604D	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U

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PESICIDES (mg/kg)

Location ID	Sample ID	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
CY07	CY0701	0.0022 U	0.0019 J	0.0081	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
CY07	CY0702	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
CY07	CY0703	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY07	CY0704	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
CY08	CY0801	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U
CY08	CY0802	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY08	CY0803	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
CY08	CY0804	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY09	CY0901	0.0025 U	0.0014 J	0.015	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0024 J	0.0025 U	0.0025 U
CY09	CY0902	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
CY09	CY0903	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY10	CY1001	0.0023 U	0.0023 U	0.021	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
CY10	CY1002	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY10	CY1003	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
CY11	CY1101	0.0022 U	0.022	0.021	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.012	0.0022 U
CY11	CY1102	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY11	CY1103	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
CY12	CY1201	0.0022 U	0.0048	0.053	0.0022 U	0.0022 U	0.0031	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
CY12	CY1202	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
CY12	CY1203	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

PESICIDES (mg/kg)

Location ID	Sample ID	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE
CY01	CY0101	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0019 J	0.011 U	0.053 U
CY01	CY0102	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.012 U	0.062 U
CY01	CY0103	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.012 U	0.062 U
CY01	CY0104	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.011 U	0.057 U
CY02	CY0201	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 J	0.011 U	0.053 U
CY02	CY0202	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.011 U	0.056 U
CY02	CY0203	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.012 U	0.062 U
CY02	CY0203D	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.013 U	0.064 U
CY02	CY0204	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.011 U	0.057 U
CY03	CY0301	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.052	0.11 U	0.54 U
CY03	CY0302	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.011 U	0.057 U
CY03	CY0303	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.06 U
CY03	CY0304	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.06 U
CY04	CY0401	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0029	0.011 U	0.053 U
CY04	CY0402	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.011 U	0.057 U
CY04	CY0403	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.059 U
CY04	CY0404	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.012 U	0.058 U
CY05	CY0501	0.011 UJ	0.011 U	0.011 U	0.011 U	0.011 U	0.023	0.055 U	0.27 U
CY05	CY0502	0.0023 UJ	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.012 U	0.058 U
CY05	CY0503	0.0024 UJ	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.06 U
CY05	CY0504	0.0023 UJ	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.012 U	0.058 U
CY06	CY0601	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.026	0.11 U	0.54 U
CY06	CY0601D	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.025	0.11 U	0.54 U
CY06	CY0602	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.012 U	0.059 U
CY06	CY0602D	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.012 U	0.059 U
CY06	CY0603	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.06 U
CY06	CY0603D	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.06 U
CY06	CY0604	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.059 U
CY06	CY0604D	0.0024 UJ	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.06 U

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

PESICIDES (mg/kg)

Location ID	Sample ID	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE
CY07	CY0701	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.011 U	0.056 U
CY07	CY0702	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.012 U	0.059 U
CY07	CY0703	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.059 U
CY07	CY0704	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.011 U	0.056 U
CY08	CY0801	0.0021 UJ	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.011 U	0.053 U
CY08	CY0802	0.0024 UJ	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.061 U
CY08	CY0803	0.0025 UJ	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.013 U	0.063 U
CY08	CY0804	0.0024 UJ	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.059 U
CY09	CY0901	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.012 U	0.061 U
CY09	CY0902	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.012 U	0.061 U
CY09	CY0903	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.061 U
CY10	CY1001	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.012 U	0.058 U
CY10	CY1002	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.06 U
CY10	CY1003	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.012 U	0.061 U
CY11	CY1101	0.0022 U	0.0022 U	0.0022 U	0.016	0.0022 U	0.0026	0.011 U	0.055 U
CY11	CY1102	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.06 U
CY11	CY1103	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.012 U	0.061 U
CY12	CY1201	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.011 U	0.054 U
CY12	CY1202	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.012 U	0.062 U
CY12	CY1203	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.012 U	0.061 U

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Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

DIOXINS/FURANS (ng/kg)

Location ID	Sample ID	1,2,3,4,6,7,8-HPCDD	1,2,3,4,6,7,8-HPCDF	1,2,3,4,7,8,9-HPCDF	1,2,3,4,7,8-HXCDD	1,2,3,4,7,8-HXCDF	1,2,3,6,7,8-HXCDD	1,2,3,6,7,8-HXCDF	1,2,3,7,8,9-HXCDD	1,2,3,7,8,9-HXCDF	1,2,3,7,8-PECDD	1,2,3,7,8-PECDF	2,3,4,6,7,8-HXCDF	2,3,4,7,8-PECDF	2,3,7,8-TCDD
CY04	CY0401	55.6	18.9	1.24 J	1.18 J	1.83 J	3	1.29 J	3.08	0.0917 U	0.853 J	0.492 J	1.63 J	0.801 J	0.228 J
CY05	CY0601	121	67.5	7.34	3.87	34.1	8.7	11.3	9.95	0.406 J	3.08	10.7	14.1	18.4	1.78
CY06	CY0601D	143	76.9	9.03	5.64	38.6	12.2	13.5	16.7	0.738 J	5.03	12.1 J	17.2	20.7	1.94
CY06	CY0501	74.3	30.3	3.39	1.6 J	9.43	4.78	3.85	4.45	0.327 J	0.845 J	3.09	3.99	5.37	0.199 J

ATTACHMENT 1: SUMMARY OF COMPLETE ANALYTICAL RESULTS

Technical Memorandum: Sampling Results for Phase II Field Sampling Workplan

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

DIOXINS/FURANS (ng/kg)

Location ID	Sample Date	2,3,7,8-TCDF	OCDD	OCDF	TOTAL HPCDD	TOTAL HPCDF	TOTAL HXCDD	TOTAL HXCDF	TOTAL PECDD	TOTAL PECDF	TOTAL TCDD	TOTAL TCDF
CY04	CY0401	2.14	393	26.3	110	48.8	24.1	26.7	2.14 J	14.7	0.309 J	8.28
CY05	CY0601	42.6	751	76.5	231	151	84.8	148	21.6	207	23.8	362
CY06	CY0601D	39.4	757	72.1	280	153	158	165	59.2	207	63	373
CY06	CY0501	16.6	474	46.1	136	83.1	28.3	61	3.25	51.4	2.67	86.6