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August 8, 2012

Alameda County Environmental Health Department
Attention: Jerry Wickham
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Case No. 3079
Byron Power Company, 4901 Bruns Rd., Byron CA

Dear Sir or Madam:

Attached please find a proposed work plan prepared for Byron Power Company by Quest Geosystems. As a legally authorized representative of Byron Power Company, I declare under penalty of perjury that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Very truly yours,

Daniel V. Gulino, Esq.

Encl.

GSM
QUEST GEOSYSTEMS MANAGEMENT

August 6, 2012 Project: G05112012-01

Mr. Jerry Wickham
Alameda County Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

SITE: SLIC CASE RO0003079; GEOTRACKER GLOBAL ID T10000003401
BYRON POWER COMPANY
4901 BRUNS ROAD
BYRON, CALIFORNIA 94514

RE: SUBSURFACE SITE CHARACTERIZATION REPORT

Dear Mr. Wickham,

Quest GeoSystems Management (Quest) has prepared the enclosed report to document the results of the Subsurface Site Characterization performed at the above referenced Site in Byron, California, and to propose a remediation plan for approval by the Alameda County Environmental Health (ACEH). The site activities summarized in the enclosed report were performed consistent with the work scope outlined in previously submitted *Site Assessment Workplan* dated April 10, 2012. The investigation was performed consistent with the generally accepted environmental consulting principles and practices that are within the limitations described in the enclosed report. If you have any questions regarding this report, please contact us at (925) 756-1210.

Sincerely,
Quest GeoSystems Management, Inc.

Eric W. Garcia, CEG, CHG
Principal Geologist
PG# 7007, CEG# 2230, CHG# 765

Enclosure: Subsurface Site Characterization Report
cc: File

SUBSURFACE SITE CHARACTERIZATION REPORT

BYRON POWER COMPANY
4901 BRUNS ROAD
BYRON, CALIFORNIA 94514

Prepared for:
Byron Power Partners, L.P.
14 Philips Parkway
Montvale, NJ 07645

Prepared by:
Quest GeoSystems Management, Inc.
11275 Sunrise Gold Circle, Suite R
Rancho Cordova, California 95742-6561

August 6, 2012

QUEST GSM # G05112012-01

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LIMITATIONS

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, nor the use of segregated portions of this report.

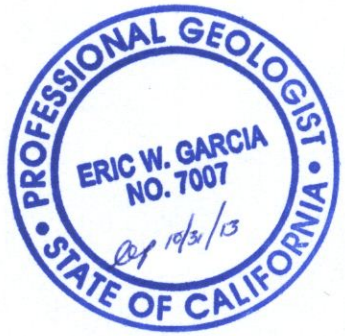
The completed work summarized herein is intended to be a part of an ongoing interactive process. Additional work may be required to more fully assess the extent of petroleum hydrocarbon (PHC) migration in soil and groundwater. The purpose of a geological/hydrogeologic study is to reasonably characterize existing site conditions based on the geology/hydrogeology of the area. In performing such a study, it is understood that a balance must be struck between a reasonable inquiry into the site conditions and an exhaustive analysis of each conceivable environmental characteristic. Geologic/hydrogeologic conditions may exist at the site that cannot be identified solely by visual observation. Where subsurface exploratory work is performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at unsampled locations. Therefore, no investigation is thorough enough to describe all geologic/hydrogeologic conditions of interest at a given site. Conditions not identified during the study should not be construed as a guarantee of the absence of such conditions at the site, but rather a limitation of the scope of services performed within the scope, limitations, and cost of the work authorized by the client.

This work plan has been prepared by Quest GeoSystems Management for the exclusive use of Byron Power Partners, L.P. (Byron Power) as it pertains to the Site located at 4901 Bruns Road, Byron, California. Our professional services will be performed using the degree of care and skill ordinarily exercised under similar circumstances by other geologists and engineers practicing in this field. No warranty, expressed or implied, is made as to professional advice in this report. Any reliance on this report by a third party is at party's sole risk.

August 6, 2012

Eric W. Garcia, CEG, CHG
Principal Geologist
PG #7007; CEG #2230; CHG #765
expires 10/31/2013

Date



Quest GeoSystems Management Project # G05112012-01

1 INTRODUCTION

This report was prepared by Quest GeoSystems Management (Quest) of Rancho Cordova, California on behalf of Byron Power Partners, L.P. (Byron Power). This report summarizes site assessment activities conducted at the Site located at 4901 Bruns Road, Byron, Alameda County, California (Figure 1). The workscope presented below was performed consistent with the previously submitted *Site Assessment Workplan*, dated April 10, 2012, subsequent addenda, and with the requirements of the Alameda County Environmental Health (ACEH) as indicated in their letter dated May 1, 2012. The scope of work completed was intended to establish the presence of soil and groundwater impacts related to petroleum hydrocarbons (PHC's) other Constituents of Concern (COC's) at the Site. Soil probe operations at the Site were completed under an approved soil boring permit (#2012052) with the Zone 7 Water District (Appendix A).

1.1 SCOPE OF WORK

The objective of the site assessment was to collect soil and groundwater samples in order to establish the vertical and lateral impacts of subsurface petroleum hydrocarbons (PHC's) and other constituents of concern (COC's) beneath the Site. The following work scope was completed in order to achieve the above-referenced objective.

1.1.1 Site Assessment

As part of the subsurface site characterization of the Site, Quest conducted the following activities:

- The completion of six (6) direct push locations by truck-mounted Geoprobe®;
- The completion of one (1) hand augured boring;
- The collection of soil and groundwater samples from within the soil boreholes;
- Select soil and groundwater samples were delivered under Chain-of-Custody documentation to State-Certified analytical laboratory for chemical analysis; and
- Creation of this report, summarizing the results of the site assessment and to present the findings of the investigation.

1.2 BACKGROUND

A description of the Site, the geologic and hydrologic conditions, and the project history are summarized in the following subsections.

1.2.1 Site Description

The Site was operated by Byron Power Partners, L.P. dba Byron Power Company (Byron Power), and is located at 4901 Bruns Road, Alameda County, California and is at an approximate elevation of 104 feet above mean sea level (MSL). Figure 1 is a site location map depicting the regional location of the site.

The rectangle shaped Site is situated in the middle of a larger parcel (County Assessor's Parcel Number 99B-7050-001-10) owned by Mr. Steve Shin-Der and Mrs. Puang J. Lee and encompasses an area of approximately 1.43 acres. The remainder of the property is approximately 158 acres consisting of undeveloped land used for cattle grazing.

1.2.2 Site History

The facility was an electric and thermal energy cogeneration facility, which was in operation from 1991 through 2008. Byron Power operated the facility from 1995 through its closure in 2008.

In May through July of 2008 Quest conducted a Phase I Environmental Assessment of the Site (*Phase I Environmental Assessment Report, APN: 99B-7050-001-10, 4901 Bruns Road, Alameda County, California*). On May 20, 2008, Quest personnel complete the site reconnaissance of the facility. As part of the field reconnaissance, Quest reviewed the facilities HMBP, which contained chemical descriptions of hazardous materials maintained at the facility. The following Hazardous Materials Inventory – Chemical Description pages were reviewed and were reported to have been located onsite:

- Ethylene Glycol - antifreeze;
- Petroleum Lubrication Oil - waste oil;
- Mobil Pegasos 805 - motor oil;
- Brominating Tablets;
- Mineral Spirits;
- Meras 2324 – corrosion inhibiter (Polymaleic acid, Hydroxyethylidene diphosphonic acid);
- Chemisis 6190 - corrosion inhibitor (polyethylene, sodium nitrite);
- Chemisis 4965 - corrosion inhibitor (unknown); and
- Chemisis 5520 – defoamer (unknown).
- Watercare 2381 – defoamer (unknown);
- Watercare 2323 – water treatment (potassium hydroxide);

In the course of conducting a Phase I Environmental Site Assessment of the Site, Quest personnel identified several areas of surface staining, which appeared to be impacted with petroleum hydrocarbons, and areas of wet soil or standing water.

Quest was retained by Byron Power to conduct a limited subsurface soil investigation in relation to observations/recommendations as identified in Section 6.3.8 of Quest's report titled *Phase I Environmental Assessment Report, APN: 99B-7050-001-10, 4901 Bruns Road, Alameda County, California* (Phase I), dated September 30, 2008.

On July 8, 2011, a Quest representative arrived at the Site to collect representative soil samples from areas of soil staining as identified in the Phase I (Figures 3 and Photographs 1 through 11). Upon arriving at the Site, Quest personnel observed additional areas of stained soils not originally noted in the Phase I report (Figure 3 and Photographs 12 through 15). Based on the field observations, additional soil sampling locations were completed. The samples were collected by hand augering a hole to the sample depths (12 and 24 inches below ground surface [bgs]). A total of six (6) sampling locations (S.01 through S.06) were selected and soil samples were collected at 12 and 24 inches bgs at locations S.01 through S.05, and at 12

inches bgs at location S.06. Initial scraping away of the gravel top cover at the Site revealed soil that appeared to be impacted with PHC's. Notable "green" stained coarse-grained (coarse sand) soil appeared prominent from ground surface to approximately 6 inched bgs. This soil was underlain by a moderately plastic fine-grained soil (silt/clay). Visual impacts to this fine-grained soil appeared to extend to at least 1 foot bgs. A "brown" fine-grained (silt/clay) soil was noted toward the base of each borehole. A total of eleven (11) soil samples were collected and analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-G), diesel (TPH-D), and motor oil (TPH-MO) by US EPA Method 8015B, Petroleum Oil & Grease (POG) by US EPA Method SM5520E/F, Volatile Organic Compounds (VOC's) by US EPA Method 8260B; Semi-Volatile Organic Compounds (SVOC's) by US EPA Method 8270C, PCB's by US EPA Method 8082, and LUFT 5 Metals by US EPA Method SW6010B. Soil samples collected for chemical characterization were transported to McCampbell Analytical, Inc., a State-certified analytical laboratory (ELAP #1644) of Pittsburg, California.

On July 29, 2011 Quest prepared the report *Soil Sampling and Analysis Report* for Byron Power summarizing the results of the limited soil investigation. Based on a review of the analytical data, PHC impacts to soil appeared limited to within 2 feet of the surface in the areas of surficial staining. Excavation and off-site disposal of the upper 2 feet of this soil to an appropriate landfill was recommended as the most feasible remedial method at the Site. Following excavation of the soils it was proposed that an appropriate number of confirmation soil samples should be collected and chemically analyzed to confirm the removal of impacted soils.

1.3 GEOLOGIC AND HYDROLOGIC CHARACTERISTICS

1.3.1 Regional and Local Physiographic Setting

The Site lies within the Coast Ranges Geomorphic Province, which extends approximately 550 miles in a northwest to southeast direction along the coast of California. The Coast Ranges comprises a series of northwest to southeast-trending ridges and narrow valleys, whose orientations are controlled by the fault-dominated geologic structure of the region.

1.3.2 Surface Topographic and Hydrology

Regionally, the general topographic slope of the area is to the north-northeast, ranging from approximately 261 feet above msl in the south to approximately 61 feet above msl to the north of the Site. In the vicinity of the Site, the topography appears relatively level with an elevation of approximately 104 feet above msl (USGS, 1978; EDR, 2008(a)). Surface topography in the vicinity of the Site slopes moderately downward to the north and increases gently to the west. Nearby surface waters include Bethany Reservoir located approximately 0.90 miles southwest of the Site, the California Aqueduct is located approximately 1.20 miles west of the Site and the Delta Mendota Canal located approximately 0.70 miles east of the Site. The Site is not identified as being located within the 100-year zone or 500-year zone as defined by the Federal Emergency Management Agency (FEMA).

1.3.3 Geologic Review

The Site is underlain by soil referred to as the San Ysidro Series loam. The local vicinity surrounding the site is underlain by Altamont Series clay to the south and east, Linne Series clay loam to the northwest and southwest, and Rincon Series clay loam to the southwest, and San Ysidro loam to the north. The State Soil Geogrpahic Database (STATSGO) describes San Ysidro Series loam as moderately well drained soil with high corrosion potential. According to STATSGO database, the hydrologic group is categorized as Class D which are described as clayey, and having a high water or shallow to an impervious layer. In profile, the soil layers include loam from the ground surface to 16 inches below ground surface (bgs). The subsoil is clay from 16 to 33 inches bgs and silty clay loam from 33 inches to 59 inches. Permeability of the subsoil is very slow.

1.3.4 Hydrogeologic Review

The regional groundwater gradient is unknown. Information on the groundwater in the immediate vicinity of the Site is also not readily available. Review of State records (GeoTracker) did not indicate any groundwater monitoring wells near the Site to determine groundwater elevation. However, Quest reviewed boring logs dated May 23, 2006 for the Chevron Holey-Byron Road facility located approximately 2.7 miles north of the Site. According to the boring logs, depth to groundwater ranged from 2 ft to 5 ft bgs.

2 INVESTIGATION SUMMARY

The following sections summarize activities conducted at the Site. The work scope included a field investigation, analytical program, and the preparation of this report of findings. The following sections summarize the investigation completed at the Site.

2.1 FIELD INVESTIGATION

The field investigation consisted of driving six (6) soil probes (SP.01 through SP.05, and SP.07), and hand augured borehole (SP.06) [Figures 2 and 3], and the collection of select soil and groundwater samples for chemical analysis.

2.1.1 Soil Probe Operations

On June 4, 2012, a Quest geologist supervised Environmental Control Associates, Inc. (ECA), a State-licensed C-57 Well Driller (#695970), of Santa Cruz, California, push SP.01 through SP.05 using a truck-mounted Geoprobe® probing rig pushing Geoprobe® Macro-Core® sampling system. Soil probe locations SP.01 and SP.02 were advanced to 15 and 16 feet bgs, respectively. Soil probe locations SP.03 through SP.05 were advanced to 8 feet bgs, and hand auger location SP.06 was hand dug to 1.5 feet bgs. During the advance and groundwater sampling of soil probe SP.01 surface water was noted infiltrating into the bore annulus from the surface gravel. Initially only a small amount of groundwater was found within soil probe SP.01 (<3 inches). Initial sampling required greater than one hour to collect the required volume of groundwater sample.

Initially, only soil probe locations SP.01 through SP.06 were part of the approved workplan. Based on physical indications in the field, analytical results, and the concern that PHC impacted surface water may have contaminated the groundwater sample (SP.01W) collected from soil probe SP.01, a resample of groundwater adjacent to location SP.01 was judged prudent. Quest contacted Mr. Jerry Wickham of ACEH requesting an addendum to the approved workplan to conduct an additional soil probe (SP.07) and collect a more representative groundwater sample from this location at the Site. Mr. Wickham subsequently concurred with the additional workscope. Quest contacted the Zone 7 Water District to extend the existing soil boring permit #2012052.

On July 2, 2012, Quest returned to the Site to supervise ECA push SP.07 using a truck-mounted Geoprobe® probing rig to push Geoprobe® Dual Tube sampling system rods. The selection of the Dual Tube sampling system was to provide a surface seal to prevent surface water infiltration/contamination during groundwater sampling activities. Initially soil probe SP.07 was pushed to 16 feet bgs. At 16 feet bgs, the inner soil sampling liner became stuck and the push had to be abandoned and re-pushed. Soil probe location SP.07 was re-pushed adjacent to the previous attempt. Soil probe SP.07 was advanced to refusal at 22.5 feet bgs. Quest's geologist examined soil cuttings and discrete soil samples produced during drilling operations to prepare a lithologic log of soil probes SP.01 through SP.07 (Appendix A). Groundwater was not encountered within soil probe SP.07.

Soil Sampling Activities

Soil samples collected from each of the soil probes were field screened, observing the soil for lithologic data, odor, unusual stains, and a headspace analysis was conducted using a photo-ionization detector (PID) to detect the presence of volatile organic compounds (VOC's). Soil probes SP.01 through SP.07 were continuously cored to each locations termination depth. Soil samples collected from soil probes SP.01 through SP.05 were collected at approximately 2, 4, and 8 feet bgs. The soil sample collected from soil probes SP.06 was collected at approximately 1.5 feet bgs. A total of sixteen (16) soil samples were collected from soil probes SP.01 through SP.06. Soil samples from each soil probe and soils boring were collected and preserved in the field. The soil samples were then appropriately labeled placed in an ice chest and preserved for transport under chain-of-custody documentation to McCampbell Analytical, Inc. (MAI), a State-certified analytical laboratory of Pittsburg, California for chemical analysis.

Groundwater Sampling Activities

The soil probes SP.01 and SP.02 were advanced to termination depth in order to collect discrete groundwater samples using a temporary well. A total of two (2) groundwater samples (SP.01W and SP.02W) were collected from soil probes SP.01 and SP.02. Groundwater was encountered in soil probes SP.01 and SP.02 at approximately 15.8 and 10.9 feet bgs, respectively. The groundwater samples collected were then decanted into sampling containers appropriate to each analytical method being employed. The sample containers were then appropriately labeled placed in an ice chest and preserved for transport under chain-of-custody documentation to MAI for chemical analysis.

Soil Probe Backfill

Upon completion of the soil probe, the tool strings were removed from the boreholes and subsequently grouted by tremmie pipe from the base of the borehole to the surface. The grout consisted of Portland cement.

Soil Cuttings, Decontamination Rinseate, and Purge-water Disposition

Soil cuttings, equipment decontamination rinseate, and purgewater were not generated during the course of field operations.

2.2 LABORATORY TESTING PROGRAM

Soil and groundwater samples were collected and preserved in the field for transport to an analytical laboratory. The sample containers were labeled, and stored at a temperature of less than 4 degrees centigrade (<4^{o}C), and transported along with appropriate chain-of-custody documentation to MAI for chemical analysis. Soil sample analytical results are included in Table 1 and on the certified analytical reports in Appendix B. Groundwater sample analytical results are included in Tables 1 and 2, and on the certified analytical reports in Appendix B

2.2.1 Soil Sample Analytical Testing

Soil samples collected at the 1 to 2 foot bgs interval were analyzed for:

- Total Petroleum Hydrocarbons as Diesel (TPH-D), and as Motor Oil (TPH-MO) using U.S. EPA Method 8015M; and

- Volatile Organic Compounds (VOC's) using U.S. EPA Method 8260;
- Semi-Volatile Organic Compounds (SVOC's) using U.S. EPA Method 8270;
- LUFT 5 metals using U.S. EPA Method
- Soil pH using U.S. EPA Method

Soil samples collected at the 4 and 8 foot bgs interval were analyzed for:

- TPH-D, and as TPH-MO using U.S. EPA Method 8015M;
- VOC's using U.S. EPA Method 8260; and
- SVOC's using U.S. EPA Method 8270;

The soil sample collected from soil probe location SP.06 was analyzed for:

- Soil pH using U.S. EPA Method.

2.2.2 Groundwater Sample Analytical Testing

Groundwater samples collected from soil probes SP.01 and SP.02 were analyzed for:

- Total Petroleum Hydrocarbons as Diesel (TPH-D), and as Motor Oil (TPH-MO) using U.S. EPA Method 8015M; and
- Volatile Organic Compounds (VOC's) using U.S. EPA Method 8260;
- Electrical Conductivity (EC) by field meter; and
- pH by field meter.

3 FINDINGS

3.1 SOIL CONDITIONS

3.1.1 Subsurface Conditions

The subsurface conditions of the Site consisted primarily of silts, clays, sandy clays, clayey sands, silty sands, and sands with gravels. Copies of the soil boring logs can be found in Appendix A.

3.1.2 Soil Sample Analytical Results

A total of sixteen (16) soil samples were collected from soil probes SP.01 through SP.06 and subsequently analyzed for key COC's. The analytical results of the soil samples submitted are summarized in Table 1, and on certified analytical reports in Appendix B. The following is a summary of COC's detected in soil samples:

- TPH-D was detected in six (6) soil samples at concentrations ranging from 1.3 mg/Kg (SP.01-8/SP.04-4) to 21 mg/Kg (SP.01-2);
- TPH-MO was detected in one (1) soil sample at a concentration of 240 mg/Kg (SP.01-2);
- Phenol was detected in three (3) soil samples at concentrations ranging from 0.33 mg/Kg (SP.01-8) to 0.70 mg/Kg (SP.01-4);
- pH was analyzed in six (6) soil samples and was found to range from 7.05 (SP.02-2) to 8.31 (SP.04-2);
- Chromium was detected in six (6) soil samples at concentrations ranging from 29 mg/Kg (SP.05-2/SP.06-2) to 50 mg/Kg (SP.02-2). Since the concentration of total chromium in soil sample SP.02-2 exceeded the TTLC trigger limit, the sample was reanalyzed by the WET method for STLC. The STLC concentration was found to be ND<0.05 milligrams per Liter (mg/L);
- Lead was detected in six (6) soil samples at concentrations ranging from 11 mg/Kg (SP.01-2, SP.05-2, and SP.06-2) to 13 mg/Kg (SP.02-2);
- Nickel was detected in six (6) soil samples at concentrations ranging from 28 mg/Kg (SP.05-2 and SP.06-2) to 57 mg/Kg (SP.02-2); and
- Zinc was detected in six (6) soil samples at concentrations ranging from 58 mg/Kg (SP.04-2, SP.05-2, and SP.06-2) to 94 mg/Kg (SP.03-2).

3.2 GROUNDWATER CONDITIONS

3.2.1 Hydrogeology

Groundwater was encountered in soil probes SP.01 and SP.02 at approximately 15.8 and 10.9 feet bgs, respectively.

3.2.2 Groundwater Sample Analytical Results

A total of two (2) groundwater samples were collected from soil probes SP.01 and SP.02, and subsequently analyzed for COC's. The analytical results of the groundwater samples submitted

are summarized in Table 2, and on certified analytical reports in Appendix B. The following is a summary of key hydrocarbon compounds detected in groundwater samples:

- TPH-D was detected in one (1) groundwater sample at a concentration of 5,500 µg/L (SP.01W);
- TPH-MO was detected in one (1) groundwater sample at a concentration of 29,000 µg/L (SP.01W);
- Acetone was detected in one (1) groundwater sample at a concentration of 41 µg/L (SP.01W);
- 2-Butanone (MEK) was detected in one (1) groundwater sample at a concentration of 8.4 µg/L (SP.01W);
- (TBA) was detected in one (1) groundwater sample at a concentration of 22 µg/L (SP.01W);
- 2-Hexanone was detected in one (1) groundwater sample at a concentration of 2.5 µg/L (SP.01W);
- 4-Methyl-2-pentanone (MIBK) was detected in one (1) groundwater sample at a concentration of 5.8 µg/L (SP.01W);
- pH was analyzed and found to range from 8.04 (SP.02W) to 8.23 (SP.01W); and
- Electrical conductivity (EC) was analyzed and found to range from 140 µS/cm (SP.01W) to 798 µS/cm (SP.02W).

Based on an initial review of the analytical data, concern was indicated that surficial waters had infiltrated into soil probe SP.01 and had impacted groundwater sample SP.01W.

4 EVALUATION

Based on the review of the subsurface data, hydrogeologic data, and analytical results of this investigation, petroleum hydrocarbon impacted soil and surficial water was identified at the Site. The following sections evaluate the collected data, and compare the findings of the previous section with current State and Federal guidelines for subsurface soils and groundwater.

4.1 REGULATORY EVALUATION

California Department of Health Services - Drinking Water Standards

The California Department of Health Services (DHS) is designated by the United States Environmental Protection Agency (U.S. EPA) as the primacy agency to administer and enforce the requirements of the federal Safe Drinking Water Act (SDWA) in California. The Department's drinking water regulatory program covers all public water systems defined under state and federal statutes. The DHS has adopted statutes and regulations to implement the requirements of the SDWA. The DHS has created enforceable regulatory water quality standards, which are enforceable under the SDWA. These standards allow the evaluation of water through the use of Maximum Contaminant Levels (MCL's) and must be met by all public drinking water systems to which they apply. MCL's are subdivided into Primary and Secondary MCL's which address human health, taste, odor, and appearance of drinking water. Primary MCL's, which address human health, are regulated under Title 22 California Code of Regulations (CCR) §64431-§64444. Secondary MCL's, which address the taste, odor, or appearance of drinking water, and are regulated under 22 CCR §64449.

Regional Water Quality Control Board - ESL's

In May 2008 the staff of the RWQCB prepared a technical document entitled Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (Interim Final – November 2007) [RWQCB, 2008]. This document establishes Environmental Screening Levels (ESL's) for chemicals commonly found in impacted soil and groundwater. The intent of the document is to help expedite the preparation of environmental risk assessments at sites where impacted soil and groundwater have been identified as an alternative to preparing a formal risk assessment. In this process, soil and groundwater data collected at a site can be directly compared to the ESL's and the need for additional work evaluated. The RWQCB 2008 issued tabulated ESL data for constituents of concern, which were subdivided into tables. In particular the tables were organized to assess, Land Use, Depth of Impacted Soil, and Groundwater Utility.

4.1.1 Subsurface Soil Guideline Evaluation

Analytical results indicated the presence of PHC's in soil samples collected during this investigation and submitted for chemical analysis. The following summarize analytical results as they relate to regulatory requirements/guidelines:

RWQCB ESL

Soil depths encountered at the Site were found to be less than 3 meters (9.8 feet) bgs. Tables A and B of RWQCB (2008) were used for the evaluation of PHC's in soil at the Site. The following evaluations are reviewed against Residential ESL's for specific detected constituents of concern:

- TPH-D was detected in six (6) soil samples. No (0) soil samples were found to exceed the ESL for water that is considered or is a potential source of drinking water (83 mg/Kg) for residential or commercial/industrial land uses.
- TPH-MO was detected in one (1) soil samples. No (0) soil samples were found to exceed the ESL for water that is considered or is a potential source of drinking water (for residential (370 mg/Kg) or commercial/industrial (2,500 mg/Kg) land uses.
- Phenol was detected in nine (9) soil samples. Nine (9) soil samples were found to exceed the ESL for water that is considered or is a potential source of drinking water (0.076 mg/Kg) for residential or commercial/industrial land uses. No soil samples were found to exceed the ESL for water that is not considered or is a potential source of drinking water (3.9 mg/Kg) for residential land use. It should be noted that the Reporting Limit (RL = 0.25 mg/Kg) and Method Detection Limit (MDL = 0.12 mg/Kg) for the analytical method is higher than the ESL limit (0.076 mg/Kg).

Analytical results obtained from all other soil samples did not indicate the presence of key COC's at or above the respective ESL's. Based on the evaluation above, Phenol was the only analyte detected at or above the residential or commercial/industrial land use ESL for soil above water that is considered a Drinking Water Resource. It should be noted that various SVOC analytes have ESL's that are lower than the MDL for those analytes. Further evaluation of these analytes is limited by the detection limit of the analytical method. For the purposes of this evaluation it was noted that the dilution factor (DF) for all soil samples analyzed was low. The DF for soil sample SP.01-2 was 2, with all other soil samples having DF's of 1. Therefore, these analytes should be evaluated based on confirmed positive results above the respective MDL.

4.1.2 Groundwater Guideline Evaluation

Analytical results indicated the presence of PHC's in groundwater samples collected during this investigation and submitted for chemical analysis. The following summarize analytical results as they relate to regulatory requirements/guidelines:

DHS – Drinking Water Standards

Current DHS Drinking Water Standards were used for the evaluation of PHC's in groundwater samples collected at the Site. The following evaluations are based on the specific detected constituents of concern:

- TPH-D: Groundwater sample SP.01W was found to exceed the taste and odor threshold of 100 µg/L;
- TPH-MO: No Primary or Secondary MCL's are listed for TPH-MO;
- Acetone: No Primary or Secondary MCL's are listed for Acetone;

- 2-Butanone (MEK): No Primary or Secondary MCL's are listed for MEK;
- TBA: No Primary or Secondary MCL's are listed for TBA;
- 2-Hexanone: No Primary or Secondary MCL's are listed for 2-Hexanone; and
- 4-Methyl-2-pentanone (MIBK): No Primary or Secondary MCL's are listed for MIBK.

Analytical results obtained from all other groundwater samples did not indicated the presence of key hydrocarbons concentrations at or above the respective MCL's. Based on the evaluation above, analytes Benzene, Toluene, Ethylbenzene, and Total Xylenes were detected at or above the respective MCL's.

RWQCB – ESL

Soil depths encountered at the Site were found to be less than 3 meters (9.8 feet) bgs. Tables F-1a and F-1b of RWQCB (2008) were used for the evaluation of PHC's in groundwater at the Site. The following evaluations are based on the specific detected constituents of concern:

- TPH-D: One (1) groundwater sample was found to exceed the ESL for water that is considered or is a potential source of drinking water (100 µg/L) for residential or commercial/industrial land uses;
- TPH-MO: One (1) groundwater sample was found to exceed the ESL for water that is considered or is a potential source of drinking water (100 µg/L) for residential or commercial/industrial land uses;
- Acetone: No (0) groundwater samples were found to exceed the ESL for water that is considered or is a potential source of drinking water (1,500 µg/L) for residential or commercial/industrial land uses;
- 2-Butanone (MEK): No (0) groundwater samples were found to exceed the ESL for water that is considered or is a potential source of drinking water (4,200 µg/L) for residential or commercial/industrial land uses;
- TBA: One (1) groundwater samples was found to exceed the ESL for water that is considered or is a potential source of drinking water (12 µg/L) for residential or commercial/industrial land uses;
- 2-Hexanone: No ESL was identified for 2-Hexanone; and
- 4-Methyl-2-pentanone (MIBK): No (0) groundwater samples were found to exceed the ESL for water that is considered or is a potential source of drinking water (120 µg/L) for residential or commercial/industrial land uses).

Analytical results obtained from all other groundwater samples did not indicated the presence of key hydrocarbons concentrations at or above the respective ESL's. Based on the evaluation above, analytes TPH-D, TPH-MO, and TBA were detected at or above the residential or commercial/industrial land use ESL for groundwater that is considered a Drinking Water Resource.

5 CONCLUSIONS

5.1 SITE SUBSURFACE EVALUATION

5.1.1 Soil Conditions at the Site

Soil samples collected from soil probes SP.01 through SP.05 were found to exceed the ESL for Phenol for soil above groundwater, which is a current or potential source of drinking water for residential or commercial/industrial land use. However, no soil samples were found to exceed the ESL for water that is not considered or is a potential source of drinking water for residential land use. It should be noted that no shallow (2 ft bgs) soil samples were found to contain phenol at or above the respective MDL. A direct source for Phenol at the Site is unknown and is not indicated as a chemical stored/used at the Site. The presence of phenol at the Site may be explained by alternate pathways such as a decomposition byproduct or natural occurrence at the Site.

5.1.2 Groundwater Conditions at the Site

Groundwater samples from soil probe SP.01 were found to exceed the ESL's for TPH-D, TPH-MO, and TBA for groundwater, which is a current or potential source of drinking water for residential or commercial/industrial land uses. There is concern that the groundwater sample collected from soil probe SP.01 was contaminated with PHC surface water and therefore is not indicative of groundwater conditions at the Site. No groundwater was encountered during a subsequent resample attempt adjacent to soil probe SP.01 (SP.07) completed on July 2, 2102.

RECOMMENDATIONS

5.2 REPORT RECOMMENDATIONS

Based on the findings and conclusions of this report it is recommended that the following should be conducted for this Site:

- A copy of this report should be forwarded to ACEH for their review and action; and
- Complete remedial actions, soil excavation, at the Site.

5.3 RECOMMENDED REMEDIAL ACTIONS

Based on the findings and conclusions of this and previous investigations it is recommended that remedial soil excavation as a remedial action be conducted at the Site. The following summarize the project objective and the scope of work to meet the objective.

5.3.1 Project Objectives

The objective of this proposed site remediation will be to excavate PHC impacted soil in the areas of noted surficial PHC staining (Figure 3). For the purposes of the remedial action, Quest proposes that ESL limits for shallow soil above water that is considered or is a potential source of drinking water for commercial/industrial land uses as the Soil Quality Objective (SQO). Subsequent to the excavation, collect confirmatory soil samples in order to evaluate remedial progress and whether the remedial actions have met the remedial objectives. The following summarize the proposed work scope, which is designed to achieve the above-referenced objective:

- Excavate and off haul up to 3 feet of the PHC impacted soil;
- Transport the excavated soil under appropriate manifest to an appropriately licensed facility for disposal;
- The collection of up to six (6), or as may be necessary, discrete confirmatory soil samples;
- The chemical analysis of select soil samples at a State-certified analytical laboratory; and
- Review and evaluate the results of the site remedial activities for their inclusion in the final report of findings.

5.3.2 Soil Excavation Activities

The field investigation workscope will consist of the excavation of soils (Figure 3) within the areas identified with PHC impacted soil. Excavation is anticipated from approximately 1-2 feet bgs or as may be directed in the field. Quest's geologist will examine soil cuttings and discrete soil samples collected during excavation operations in order to evaluate the remedial progress. Actual locations and total depths may be changed in the field based on field conditions. In the event additional PHC impacted soils are observed in individual areas of the excavation, those areas will be over excavated until there are no field indications of PHC impacts, as may be practical. The field activities will be completed by a State-licensed HAZ certified Class A General Contractor under the supervision of a Quest geologist. Off-hauled soil will be characterized and manifested into an appropriate landfill. Based on the analytical data collected

to date, the soil should be acceptable for placement in a Class III/Subtitle D Landfill. It is estimated that approximately 90 cubic yards of PHC impacted soil will be excavated and transported from the Site. The areas of excavation will be backfilled with a Class II aggregate to approximate original Site grade. It is anticipated that up to a total of six (6) soil samples will be collected in the field. This phase of the project is anticipated to take approximately one (1) week to complete.

5.3.3 Soil Sampling

In order to confirm meeting the SQO's within the base of the remedial excavation, Quest will collect up to six (6) soil samples. Soil samples will be collected at the base of the excavation, or as deemed appropriate in the field. Soil samples will be screened for organic vapors using a PID and sealed on both ends with Teflon sheets and rubber end caps. Field screening procedures include the observation of the soil for lithologic data, odor, and unusual stains, and headspace analysis using a PID to detect the presence of organic vapors. Selected soil samples will be labeled and submitted to a State-certified laboratory under chain-of-custody protocol for chemical analysis.

5.3.4 Analytical Testing Program

Soil samples will be collected and preserved in the field for transport to an analytical laboratory. The sample containers will be labeled, and stored at a temperature of less than 4 degrees centigrade (<4°C), and transported to McCampbell Analytical of Pittsburg, California, a State-certified analytical laboratory, along with appropriate chain-of-custody documentation. Soil and groundwater samples collected will be analyzed for the following analytes:

- Total Petroleum Hydrocarbons as Diesel (TPH-D), and as Motor Oil (TPH-MO) using U.S. EPA Method 8015M; and
- Volatile Organic Compounds (VOC's) using U.S. EPA Method 8260.

5.3.5 Technical Report

Upon completion of field and laboratory activities and receipt of the soil and groundwater analytical results, a technical report will be prepared summarizing the results and findings of the investigation and to provide recommendations. The investigation and the report preparation will be conducted under the direct supervision of, and will be signed by a California Professional Geologist (P.G.) or Professional Engineer (P.E.).

6 REFERENCES

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SFRWQCB, 2008, Risk-Based Screening Levels and Decision Making to Sites with Impacted Soil and Groundwater (Interim Final – November 2007): San Francisco Bay Regional Water Quality Control Board, May 2008.

TABLES

TABLE 1 – Summary of Soil Sample Analytical Results, U.S. EPA Methods 8015B, 8260B, and 8270B

SAMPLE ID	DATE SAMPLED	SAMPLE INTERVAL (feet BSG)	ANALYTES								
			8015C			8260B					
			TPH-G (mg/kg)	TPH-D (mg/kg)	TPH-MO (mg/kg)	Acetone (mg/kg)	2-Butanone (MEK) (mg/kg)	TAME (mg/kg)	Benzene (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)
SP.01-2	06/04/12	1.5 - 2.0	ND<1.0	**21**	**240**	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.01-4	06/04/12	3.5 - 4.0	ND<1.0	**1.7**	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.01-8	06/04/12	7.5 - 8.0	ND<1.0	**1.3**	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.02-2	06/04/12	1.5 - 2.0	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.02-4	06/04/12	4.5 - 5.0	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.02-8	06/04/12	7.5 - 8.0	ND<1.0	**1.9**	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.03-2	06/04/12	1.5 - 2.0	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.03-4	06/04/12	4.5 - 5.0	ND<1.0	**2.1**	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.03-8	06/04/12	7.5 - 8.0	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.04-2	06/04/12	1.5 - 2.0	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.04-4	06/04/12	3.5 - 4.0	ND<1.0	**1.3**	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.04-8	06/04/12	7.5 - 8.0	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.05-2	06/04/12	1.5 - 2.0	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.05-4	06/04/12	3.5 - 4.0	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
SP.05-8	06/04/12	7.5 - 8.0	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.02	ND<0.005	ND<0.005	ND<0.05	ND0.005
ESL Drinking Water Resources (Residential)			83	83	370	0.5	3.9	---	0.044	0.075	---
ESL Non-Drinking Water Resources (Residential)			100	100	370	0.5	13	---	0.12	100	---
ESL Drinking Water Resources (Commercial/Industrial)			83	83	2,500	0.5	3.9	---	0.044	0.075	---

Notes:

(mg/Kg)	= Milligrams per Kilogram
---	= Not applicable
ND<0.5	= Not detected at or above representative detection limit
TPH-G	= Total Petroleum Hydrocarbons as Gasoline
TAME	= tert-Amyl Methyl Ether
TBA	= t-Butyl Alcohol
EDB	= 1,2-Dibromoethane
1,2-DCA	= 1,2-Dichloroethane
J	= Analyte detected below quantitation limits
ESL	= Environmental Screening Levels (RWQCB, 2008), Table A (Drinking Water Resource), Table B (Non-Drinking Water Resource)

SAMPLE ID	DATE SAMPLED	SAMPLE INTERVAL (feet BSG)	ANALYTES								
			8260B							8270	
			Ethyl-Benzene (mg/kg)	ETBE (mg/kg)	2-Hexanone (mg/kg)	MTBE (mg/kg)	Methyl isobutyl ketone (MIBK) (mg/kg)	Toluene (mg/kg)	Total Xylenes (mg/kg)	Benzoic Acid (mg/kg)	Phenol (mg/kg)
SP.01-2	06/04/12	1.5 - 2.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<2.0	ND<0.24
SP.01-4	06/04/12	3.5 - 4.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<6.3	**0.70**
SP.01-8	06/04/12	7.5 - 8.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<6.3	**0.33**
SP.02-2	06/04/12	1.5 - 2.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.12
SP.02-4	06/04/12	4.5 - 5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	**0.16**^{J}
SP.02-8	06/04/12	7.5 - 8.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	**0.15**^{J}
SP.03-2	06/04/12	1.5 - 2.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<6.3	ND<0.12
SP.03-4	06/04/12	4.5 - 5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<6.3	**0.17**^{J}
SP.03-8	06/04/12	7.5 - 8.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<6.3	**0.14**^{J}
SP.04-2	06/04/12	1.5 - 2.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<6.3	ND<0.12
SP.04-4	06/04/12	3.5 - 4.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<6.3	**0.58**
SP.04-8	06/04/12	7.5 - 8.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<6.3	**0.23**^{J}
SP.05-2	06/04/12	1.5 - 2.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	**1.7**	ND<0.12
SP.05-4	06/04/12	3.5 - 4.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	**1.5**	**0.20**^{J}
SP.05-8	06/04/12	7.5 - 8.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	**1.5**	ND<0.12
ESL Drinking Water Resources (Residential)			2.3	---	---	0.023	2.8	2.9	2.3	---	**0.076**
ESL Non-Drinking Water Resources (Residential)			2.3	---	---	8.4	3.9	9.3	11	---	3.9
ESL Drinking Water Resources (Commercial/Industrial)			3.3	---	---	8.4	2.8	2.9	2.3	---	**0.076**

Notes:

(mg/Kg)	= Milligrams per Kilogram
---	= Not applicable
ND<0.5	= Not detected at or above representative detection limit
TPH-G	= Total Petroleum Hydrocarbons as Gasoline
TAME	= tert-Amyl Methyl Ether
TBA	= t-Butyl Alcohol
EDB	= 1,2-Dibromoethane
1,2-DCA	= 1,2-Dichloroethane
J	= Analyte detected below quantitation limits
ESL	= Environmental Screening Levels (RWQCB, 2008), Table A (Drinking Water Resource), Table B (Non-Drinking Water Resource)

TABLE 2 – Summary of Soil Sample Analytical Results, U.S. EPA Methods SW9045D and SW6010B

SAMPLE ID	DATE SAMPLED	ANALYTES					
		SW9045D	LUFT Metals (SW6010B)				
		pH	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
SP.01-2	06/04/12	7.65	ND<1.5	34	11	46	72
SP.02-2	06/04/12	7.05	ND<1.5	**50**/ND<0.05*	13	57	83
SP.03-2	06/04/12	7.57	ND<1.5	45	12	45	94
SP.04-2	06/04/12	8.31	ND<1.5	32	12	32	58
SP.05-2	06/04/12	7.16	ND<1.5	29	11	28	58
SP.06-2	06/04/12	8.28	ND<1.5	29	11	28	58
Title 22: TTLC Limit (mg/Kg)		---	100	500	1,000	2,000	5,000
Title 22: STLC Trigger (mg/Kg)		---	10	**50**	50	200	2,500
Title 22: *STLC Limit (mg/L)		---	1.0	5.0	5.0	20	250
ESL Drinking Water Resources (Residential)		---	1.7	1,000	200	150	600
ESL Non-Drinking Water Resources (Residential)		---	1.7	1,000	200	150	600
ESL Drinking Water Resources (Commercial/Industrial)		---	7.4	2,500	750	150	600

Notes:

(µg/L)	= Micrograms per Liter
---	= Not applicable
ND<1.5	= Not detected at or above representative detection limit
ESL	= Environmental Screening Levels (RWQCB, 2008), Table A (Drinking Water Resource), Table B (Non-Drinking Water Resource)

TABLE 3 – Summary of Groundwater Sample Analytical Results, U.S. EPA Methods 8015B, 8260B, and Field-Based Measurements

SAMPLE ID	DATE SAMPLED	ANALYTES								
		Field Measurements		8015C			8260B			
		pH	EC (mS/cm)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-MO (µg/L)	Acetone (µg/L)	2-Butanone (MEK) (µg/L)	TAME (µg/L)	Benzene (µg/L)
SP.01W	06/04/12	8.23	140	ND<50	**5,500**	**29,000**	**41**	**8.4**	ND<0.5	ND<0.5
SP.02W	06/04/12	8.04	798	ND<50	ND<50	ND<250	ND<10	ND<2.0	ND<0.5	ND<0.5
CVRWQCB Basin Plan (Primary/Secondary MCL)		6.5 - 8.5	---	5*	**100***	**---**	---	---	---	1.0
ESL Drinking Water Resources (Residential)		---	---	100	**100**	**100**	1,500	4,200	---	1.0
ESL Non-Drinking Water Resources (Residential)		---	---	100	**100**	**100**	1,500	14,000	---	46
ESL Drinking Water Resources (Commercial/Industrial)		---	---	100	**100**	**100**	1,500	4,200	---	1.0

Notes:

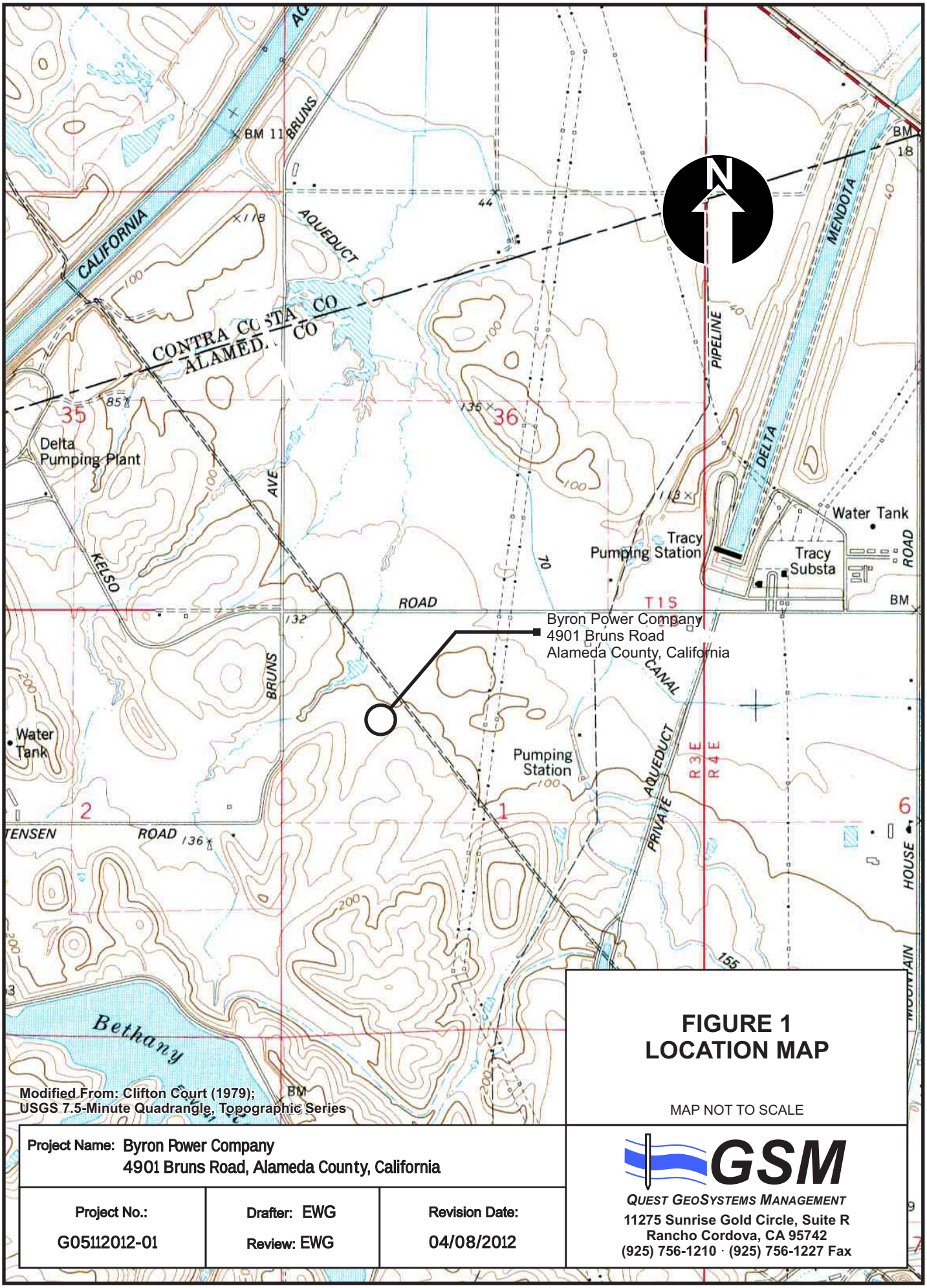
(µg/L)	= Micrograms per Liter
---	= Not applicable
ND<0.5	= Not detected at or above representative detection limit
TPH-G	= Total Petroleum Hydrocarbons as Gasoline
TAME	= tert-Amyl Methyl Ether
TBA	= t-Butyl Alcohol
EDB	= 1,2-Dibromoethane
1,2-DCA	= 1,2-Dichloroethane
J	= Analyte detected below quantitation limits
ESL	= Environmental Screening Levels (RWQCB, 2008), Table F-1a (Drinking Water Resource), Table F-1b (Non-Drinking Water Resource)

SAMPLE ID	DATE SAMPLED	ANALYTES								
		8260B								
		TBA (µg/L)	DIPE (µg/L)	Ethyl-Benzene (µg/L)	ETBE (µg/L)	2-Hexanone (µg/L)	MTBE (µg/L)	4-Methyl-2-pentanone (MIBK) (µg/L)	Toluene (µg/L)	Total Xylenes (µg/L)
SP.01W	06/04/12	**22**	ND<0.5	ND<0.5	ND<0.5	**2.5**	ND<0.5	**5.8**	ND<0.5	ND<0.5
SP.02W	06/04/12	ND<2.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
CVRWQCB Basin Plan (Primary/Secondary MCL)		**12**	---	300	**---**	`	13/5.0	---	150	1,750
ESL Drinking Water Resources (Residential)		**12**	---	30	---	---	5.0	120	40	20
ESL Non-Drinking Water Resources (Residential)		18,000		43	---	---	1,800	170	130	100
ESL Drinking Water Resources (Commercial/Industrial)		**12**	---	30	---	---	5.0	120	40	20

Notes:

(µg/L)	= Micrograms per Liter
---	= Not applicable
ND<0.5	= Not detected at or above representative detection limit
TPH-G	= Total Petroleum Hydrocarbons as Gasoline
TAME	= tert-Amyl Methyl Ether
TBA	= t-Butyl Alcohol
EDB	= 1,2-Dibromoethane
1,2-DCA	= 1,2-Dichloroethane
J	= Analyte detected below quantitation limits
ESL	= Environmental Screening Levels (RWQCB, 2008), Table F-1a (Drinking Water Resource), Table F-1b (Non-Drinking Water Resource)

FIGURES



Modified From: Clifton Court (1979);
USGS 7.5-Minute Quadrangle, Topographic Series

FIGURE 1
LOCATION MAP

MAP NOT TO SCALE

Project Name: Byron Power Company
4901 Bruns Road, Alameda County, California

Project No.:	Drafter: EWG	Revision Date:
G05112012-01	Review: EWG	04/08/2012

GSM
QUEST GEOSYSTEMS MANAGEMENT
11275 Sunrise Gold Circle, Suite R
Rancho Cordova, CA 95742
(925) 756-1210 · (925) 756-1227 Fax

FIGURE 2
SITE MAP DEPICTING SAMPLE LOCATIONS

Project Name: Byron Power Company 4901 Bruns Road, Alameda County, California		
Project No.: G05112012-01	Drafter: EWG Review: EWG	Revision Date: 07/20/2012

GSM
QUEST GEOSYSTEMS MANAGEMENT, INC.
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Facility Boundary

Facility Boundary

ENGINE BUILDING

EVAPORATOR #1

EVAPORATOR #2

EVAPORATOR #3

EVAPORATOR #4

EVAPORATOR #5

Secondary Containment

Drum Storage

Secondary Containment

SP.01

S.04

S.02

SP.07

S.01

S.06

S.03

S.05

SP.05

SP.04

N

EXPLANATION

- Soil Sample Locations (07/08/2011) — S.01
- Soil Probe Locations (06/04/2012 & 07/02/2012) — SP.01
- Areas of Observed Soil Staining
- Areas of Proposed Soil Excavation

FIGURE 3
SITE MAP DEPICTING AREAS OF PROPOSED SOIL EXCAVATION

Project Name: Byron Power Company
4901 Bruns Road, Alameda County, California

Project No.:	Drafter: EWG	Revision Date:
G05112012-01	Review: EWG	07/20/2012

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APPENDIX A
SOIL BORING LOGS

UNIFIED SOIL CLASSIFICATION SYSTEM (USCS)

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS
			GRAPHIC	LABEL	
COARSE-GRAINED SOILS — MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIZE SIEVE	GRAVELS AND GRAVELLY SOILS — MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIZE SIEVE	CLEAN GRAVELS (Little or no fines)		GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OF NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (Appreciable amount of fines)		GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
	SAND AND SANDY SOILS — 50% OR MORE OF COARSE FRACTION PASSING THROUGH NO. 4 SIZE SIEVE	CLEAN SANDS (Little or no fines)		SW	WELL-GRADED SANDS, GRAVELLY-SANDS, LITTLE OF NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OF NO FINES
		SANDS WITH FINES (Appreciable amount of fines)		SM	SILTY SANDS, SAND-SILT MIXTURES
				SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE-GRAINED SOILS — MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIZE SIEVE	SILTS AND CLAYS — LIQUID LIMIT LESS THAN 50			ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS — LIQUID LIMIT GREATER THAN 50			MH	INORGANIC SILT, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENT

KEY TO TEST DATA

Con - Consolidation
LL - Liquid Limit
PI - Plasticity Index
EI - Expansion Index
SA - Sieve Analysis
■ - Retained, recovered sample
▨ - Retained, not recovered
☒ - Bulk Sample
▽ - Initial Groundwater Level
▼ - Stabilized Groundwater Level

D - Total Petroleum Hydrocarbons as Diesel
G - Total Petroleum Hydrocarbons as Gasoline
M - MTBE
B - Benzene
T - Toluene
E - Ethylebenzene
X - Total Xylenes
ND - Not Detected
µg/L - microgram per Liter (ppb)
µg/Kg - microgram per Kilogram (ppb)

Project Name: Dilbeck Property
301 Alta Loma Lane, Santa Cruz, California

Project No.:	Drafter: EWG	Revision Date:
G12052011-01	Review: EWG	07/18/2012

GSM
QUEST GEOSYSTEMS MANAGEMENT, INC.
11275 Sunrise Gold Circle, Suite R
Rancho Cordova, CA 95742
(925) 756-1210 · (925) 756-1227 Fax

QUEST GEOSYSTEMS MANAGEMENT, INC.
Environmental & Engineering Geological Services

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BORING LOG AND WELL COMPLETION SUMMARY

SP.01

Page 1 of 1

WELL COMPLETION

Completion Depth: 16 ft BGS

	Size/Type	From	To
Seal:	Cement Grout	0 ft	16 ft

Well Cap or Box: NA

Project No: G05112012-01
Project Name: Byron Power Company
Location: 4901 Bruns Road
Byron, California

Driller: ECA (C-57 # 695970)
Method: Geoprobe
Hole Diameter: 2.25" Total Depth: 16 ft BGS
Ref Elevations: NA
Logged By: Eric W. Garcia

Dates
Start: 06/04/12
Finish: 06/04/12

Depth (ft)	Lithologic Description	USC	Graphic Log: Sample Rec.	Graphic Log: Lithology	Graphic Log: Well Installation	Vapor (ppm)	Remarks (Water, drilling/completion, summary, sample type)
0	*0.0'-1.0': Base Gravel*	GW					***14:00 - Begin Probing Operations***
1	*1.0'-2.5': Sandy CLAY; Mottled dark greyish brown (10 YR 4/2) - very dark gray (10YR 3/1), moderately plastic fines, med-fine sand, moist.*	CL	50%			9.2	***14:06 - Soil Sample: SP.01-2; 2.0'***
2							
3	*2.5'-4.0': Clayey SAND; Brown (7.5YR4/2), cohesive med-fine sand, abundant fines, moist.*	SC					
4	*4.0'-12.0': Sandy CLAY; Brown (7.5Y4/3), moderately plastic fines, moist.*					2.6	***14:04 - Soil Core: SP.01-04; 0.0'-4.0'*** ***14:08 - Soil Sample: SP.01-4; 4.0'***
5			100%				
6							
7							
8		CL				1.0	***14:09 - Soil Core: SP.01-08; 4.0'-8.0'***
9							
10			100%				
11							
12	*12.0'-16.0': SILT; Light yellowish brown (2.5Y6/4), moist.*					0.4	***14:12 - Soil Core: SP.01-12; 8.0'-12.0'***
13							
14		ML	100%				
15							***GWE = 15.8'*** ***15:15 - GW Sample: SP.01W*** ***pH = 8.23, EC = 140 mS/cm***
16					▽	0.6	***14:15 - Soil Core: SP.01-16; 12.0'-16.0'***
17							***Base of Boring***
18							
19							
20							
21							

End of Log (SP.01: 1 of 1)

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BORING LOG AND WELL COMPLETION SUMMARY

SP.02

Page 1 of 1

WELL COMPLETION

Completion Depth: 15 ft BGS

	Size/Type	From	To
Seal:	Cement Grout	0 ft	15 ft

Well Cap or Box: NA

Project No: G05112012-01
Project Name: Byron Power Company
Location: 4901 Bruns Road
Byron, California

Driller: ECA (C-57 # 695970)
Method: Geoprobe
Hole Diameter: 2.25" Total Depth: 15 ft BGS
Ref Elevations: NA
Logged By: Eric W. Garcia

Dates
Start: 06/04/12
Finish: 06/04/12

Depth (ft)	Lithologic Description	USC	Graphic Log: Sample Rec.	Graphic Log: Lithology	Graphic Log: Well Installation	Vapor (ppm)	Remarks (Water, drilling/completion, summary, sample type)
0	*0.0'- 2.0': Sandy CLAY; Brown (7.5YR5/4), dry.*	ML					***12:50 - Begin Probing Operations***
2							***12:56 - Soil Sample: SP.02-2; 2.0'***
2	*2.0'-3.5': Sandy CLAY; Brown (7.5YR4/4), moderately cohesive, moist.*	CL	90%				
4	*3.5'-10.5': Clayey SAND; Strong brown (7.5YR4/6), moist.*					0.6	***12:54 - Soil Core: SP.02-04; 0.0'-4.0'***
5							***12:54 - Soil Sample: SP.02-4; 4.5'***
6			100%				
7		SC					
8						0.6	***13:02 - Soil Core: SP.02-08; 4.0'-8.0'***
10			100%				
11	*10.5'-12.0': Sandy CLAY; Yellowish brown (10YR5/6), moist.*	CL			▼		***GWE = 10.9'***
11							***16:50 - GW Sample: SP.02W***
11							***pH = 8.04, EC = 798 mS/cm***
12	*12'-15.0': Clayey SAND; Light yellowish brown (2.5Y6/4), medium to fine sand, slightly cohesive, moist.*					1.0	***13:08 - Soil Core: SP.02-12; 8.0'-12.0'***
13		SC	100%				
14						1.4	***13:14 - Soil Core: SP.02-15; 12.0'-15.0'***
15							***Base of Boring***
16							
17							
18							
19							
20							
21							

End of Log (SP.02: 1 of 1)

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BORING LOG AND WELL COMPLETION SUMMARY

SP.03

WELL COMPLETION

Completion Depth: NA

	Size/Type	From	To
Seal:	Cement Grout	0 ft	8 ft

Well Cap or Box: NA

Project No: G05112012-01
Project Name: Byron Power Company
Location: 4901 Bruns Road
Byron, California

Driller: ECA (C-57 # 695970)
Method: Geoprobe
Hole Diameter: 2.25" Total Depth: 8 ft BGS
Ref Elevations: NA
Logged By: Eric W. Garcia

Dates
Start: 06/04/12
Finish: 06/04/12

Depth (ft)	Lithologic Description	USC	Graphic Log: Sample Rec.	Graphic Log: Lithology	Graphic Log: Well Installation	Vapor (ppm)	Remarks (Water, drilling/completion, summary, sample type)
0	*0.0'- 3.0': Sandy CLAY; Reddish brown (5YR4/4), dry.*	CL	90%				***13:30 - Begin Probing Operations***
2						0.9	***13:34 - Soil Sample: SP.03-2; 2.0'***
3	*3.0'-7.0': Silty SAND; Brown (7.5YR4/4), fine sand, moist.*	SM	100%			0.6	***13:36- Soil Core: SP.03-04; 0.0'-4.0'***
5							***13:36 - Soil Sample: SP.03-4; 4.5'***
7	*3.5'- 8.0': Clayey SAND; Brown (7.5YR5/4), fine sand, moderately plastic, moist.*	SM				1.0	***13:42 - Soil Core: SP.03-08; 4.0'-8.0*** ***13:42 - Soil Sample: SP.03-8; 8.0''***
8							***Base of Boring***
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							

End of Log (SP.03: 1 of 1)

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BORING LOG AND WELL COMPLETION SUMMARY

SP.04

WELL COMPLETION

Completion Depth: NA

	Size/Type	From	To
Seal:	Cement Grout	0 ft	8 ft

Well Cap or Box: NA

Project No: G05112012-01
Project Name: Byron Power Company
Location: 4901 Bruns Road
Byron, California

Driller: ECA (C-57 # 695970)
Method: Geoprobe
Hole Diameter: 2.25" Total Depth: 8 ft BGS
Ref Elevations: NA
Logged By: Eric W. Garcia

Dates
Start: 06/04/12
Finish: 06/04/12

Depth (ft)	Lithologic Description	USC	Graphic Log: Sample Rec.	Graphic Log: Lithology	Graphic Log: Well Installation	Vapor (ppm)	Remarks (Water, drilling/completion, summary, sample type)
0	*0.0'-1.0': Base Gravel*	GW					***15:54 - Begin Probing Operations***
1	*1.0'-4.0': CLAY; Brown (7.5YR4/4), moderately plastic fines, moist.*	CL	100%			0.8	***15:56 - Soil Sample: SP.04-2; 2.0'***
3	*Brown (7.5YR4/5)*						***15:58 - Soil Sample: SP.04-4; 4.5'***
4	*4.0'-6.0': Silty SAND; Strong brown (7.5YR5/6), fine sand, abundant fines, moist.*	SM				0.8	***15:56 - Soil Core: SP.04-04; 0.0'-4.0'***
6	*6.0'-8.0': Clayey SAND; Strong brown (7.5YR4/6), fine sand, abundant fines, moist.*	SM	100%				
8						1.1	***16:02 - Soil Core: SP.04-08; 4.0'-8.0'*** ***16:02 - Soil Sample: SP.04-8; 8.0'*** ***Base of Boring***

End of Log (SP.04: 1 of 1)

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BORING LOG AND WELL COMPLETION SUMMARY

SP.05

WELL COMPLETION

Completion Depth: NA

	Size/Type	From	To
Seal:	Cement Grout	0 ft	8 ft

Well Cap or Box: NA

Project No: G05112012-01
Project Name: Byron Power Company
Location: 4901 Bruns Road
Byron, California

Driller: ECA (C-57 # 695970)
Method: Geoprobe
Hole Diameter: 2.25" Total Depth: 8 ft BGS
Ref Elevations: NA
Logged By: Eric W. Garcia

Dates
Start: 06/04/12
Finish: 06/04/12

Depth (ft)	Lithologic Description	USC	Graphic Log: Sample Rec.	Graphic Log: Lithology	Graphic Log: Well Installation	Vapor (ppm)	Remarks (Water, drilling/completion, summary, sample type)
0	*0.0'-1.0': Base Gravel*	GW					***16:08 - Begin Probing Operations***
1	*1.0'-3.5': CLAY; Brown (7.5YR4/4), moderately plastic fines, moist.*	CL	100%				***16:10 - Soil Sample: SP.05-2; 2.0'***
2							
3							
4	*3.5'-6.0': Silty SAND; Strong brown (7.5YR5/6), fine sand, abundant fines, moist.*	SM				0.7	***16:12 - Soil Sample: SP.05-4; 4.5'*** ***16:10 - Soil Core: SP.05-04; 0.0'-4.0'***
5							
6	*6.0'-8.0': Sandy SILT; Yellowish brown (10YR5/6), fine sand, abundant fines, moist.*	ML	100%				
7							
8						0.8	***16:15 - Soil Core: SP.05-08; 4.0'-8.0'*** ***16:15 - Soil Sample: SP.05-8; 8.0'***
							Base of Boring
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							

End of Log (SP.05: 1 of 1)

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BORING LOG AND WELL COMPLETION SUMMARY

SP.06

WELL COMPLETION

Completion Depth: NA

	Size/Type	From	To
Seal:	Soil	0 ft	1 ft

Well Cap or Box: NA

Project No: G05112012-01
Project Name: Byron Power Company
Location: 4901 Bruns Road
Byron, California

Driller: ECA (C-57 # 695970)
Method: Hand Auger
Hole Diameter: 4" Total Depth: 1 ft BGS
Ref Elevations: NA
Logged By: Eric W. Garcia

Dates
Start: 06/04/12
Finish: 06/04/12

Depth (ft)	Lithologic Description	USC	Graphic Log: Sample Rec.	Graphic Log: Lithology	Graphic Log: Well Installation	Vapor (ppm)	Remarks (Water, drilling/completion, summary, sample type)
0	*0.0'- 1.0': Sandy CLAY; Brown (7.5YR5/4), dry.*	CL					
1							***13:52 - Soil Sample: SP.06-2; 1.0'***
							Base of Boring
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							

End of Log (SP.06: 1 of 1)

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Environmental & Engineering Geological Services
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BORING LOG AND WELL COMPLETION SUMMARY

SP.07

Page 1 of 1

WELL COMPLETION

Completion Depth: NA

	Size/Type	From	To
Seal:	Cement Grout	0 ft	22.5ft

Well Cap or Box: NA

Project No: G05112012-01
Project Name: Byron Power Company
Location: 4901 Bruns Road
Byron, California

Driller: ECA (C-57 # 695970)
Method: Geoprobe
Hole Diameter: 2.25" Total Depth: 22.5 ft BGS
Ref Elevations: NA
Logged By: Eric W. Garcia

Dates
Start: 06/04/12
Finish: 06/04/12

Depth (ft)	Lithologic Description	USC	Graphic Log: Sample Rec.	Graphic Log: Lithology	Graphic Log: Well Installation	Vapor (ppm)	Remarks (Water, drilling/completion, summary, sample type)
0							
1	*0.0'-1.0': Base Gravel*	GW					***08:45 - Begin Probing Operations***
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12	*12.0'-13.0': Sandy SILT; Mottled brown (10YR 4/3) with light olive brown (2.5Y5/3) streaks, abundant fine sand, moist.*	ML					
13	*13.0'-14.0': Silty SAND w/Gravel; Brown (10YR 4/3), medium sand, abundant fine gravel up to 3/8", moist/wet. Dark brown (7.5Y3/4) streaks.*	SM					
14	*14.0'-15.0': SILT; Yellowish brown (10YR 5/6), dry.*	ML					
15	*15.0'-15.3': SILT; Dark yellowish brown (10YR 4/4), dry.* *15.3'-15.7': SAND w/Gravel; Dark yellowish brown (10YR 4/6), medium sand, abundant fine gravel up to 3/8", moist/wet.*	ML SP	100%				
16	*15.7'-16.0': SILT; Brown (7.5YR4/4), dry.*	ML					***09:30 - Soil Core: SP.07-16; 12.0'-16.0'***
17	*16.0'-16.7': SILT; Yellow (2.5Y7/6), dry.* *16.7'-17.0': SILT; Olive yellow (2.5Y6/6), dry.*	ML ML					
18	*17.0'-19.0': SILT; Light yellowish brown (2.5Y6/4), dry.*	ML	100%				
19	*19.0'-19.5': SILT; Light yellowish brown (2.5Y6/4), CaCo3, dry.*	ML					***09:32 - Soil Core: SP.07-19; 16.0'-19.0'***
20	*19.5'-19.8': Silty SAND; Light yellowish brown (2.5Y6/4), wet.* *19.8'-21.0': SILT; Light olive brown (2.5Y5/4), CaCo3, well indurated, dry. Weathered Bedrock?*	SM ML	100%				***09:36 - Soil Core: SP.07-21; 19.0'-21.0'***
21							
22	*21.0'-22.5': SILT; Light olive brown (2.5Y5/3), well indurated, dry. Weathered Bedrock?*	ML	100%				***09:40 - Soil Core: SP.07-23; 21.0'-22.5' REFUSAL***
23							***Base of Boring***
24							

End of Log (SP.07: 1 of 1)

APPENDIX B
CERTIFIED ANALYTICAL REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Quest GeoSystems Management 11275 Sunrise Gold Cir., Ste. R Rancho Cordova, CA 95742	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
	Client Contact: Eric Garcia	Date Reported: 06/11/12
	Client P.O.:	Date Completed: 06/11/12

WorkOrder: 1206084

July 31, 2012

Dear Eric:

Enclosed within are:

1) The results of the **19** analyzed samples from your project: **#G03062012-01; Byron Power Company,**
2) QC data for the above samples, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1206084

GSM

QUEST GEOSYSTEMS MANAGEMENT
11275 Sunrise Gold Circle, Suite R,
Rancho Cordova, California 95742

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 24 HOUR ☐ 48 HOUR ☐ 5 DAY ☒ OTHER: ☐

EDF Required? YES ☒ NO ☐

PROJECT REPORTING
Company: Quest GeoSystems Management, Inc.
Attention: Mr. Eric W. Garcia Phone: (925) 756-1210
Fax: (925) 756-1227
Address: 11275 Sunrise Gold Cir, Suite R, Rancho Cordova, CA 95742
Email: ericgarcia@questgsm.com

PROJECT BILLING
Company: Quest GeoSystems Management, Inc.
Attention: Mr. Eric W. Garcia Phone: (925) 756-1210
Fax: (925) 756-1227
Address: 11275 Sunrise Gold Cir, Suite R, Rancho Cordova, CA 95742
Email: ericgarcia@questgsm.com

Project Name: Byron Power Company
Project Number: G03062012-01
Project Location: 4901 Bruns Road, Byron, California
Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# of Containers	Type of Containers	MATRIX Water	MATRIX soil	MATRIX Air	MATRIX Sludge	MATRIX Other	PRESERVATION METHOD Ice	PRESERVATION METHOD HCl	PRESERVATION METHOD HNO3	PRESERVATION METHOD Other	ANALYSIS REQUEST TPH-MR - 8015	VOC's - 8260B	SVOC's - 8270C	LUFT 5 Metals	pH	TPH-G/MBTEX - 8015/8021	COMMENTS
SP.01-2		06/04/12	1406	1	AL		X				X				X	X	X	X	X		
SP.01-4		06/04/12	1408	1	AL		X				X				X	X	X				
SP.01-8		06/04/12	1409	1	AL		X				X				X	X	X				
SP.01W		06/04/12	1515	6	VOA/Amb	X					X	X			X	X					
SP.02-2		06/04/12	1256	1	AL		X				X				X	X	X	X	X		
SP.02-4		06/04/12	1258	1	AL		X				X				X	X	X				
SP.02-8		06/04/12	1302	1	AL		X				X				X	X	X				
SP.02W		06/04/12	1650	6	VOA/Amb	X					X	X			X	X					
SP.03-2		06/04/12	1334	1	AL		X				X				X	X	X	X	X		
SP.03-4		06/04/12	1336	1	AL		X				X				X	X	X				
SP.03-8		06/04/12	1342	1	AL		X				X				X	X	X				
SP.04-2		06/04/12	1556	1	AL		X				X				X	X	X	X	X		
SP.04-4		06/04/12	1558	1	AL		X				X				X	X	X				
SP.04-8		06/04/12	1602	1	AL		X				X				X	X	X				
SP.05-2		06/04/12	1610	1	AL		X				X				X	X	X	X	X		
SP.05-4		06/04/12	1618	1	AL		X				X				X	X	X				
SP.05-8		06/04/12	1615	1	AL		X				X				X	X	X				
SP.06-2		06/04/12	1352	1	AL		X				X								X		
TRIP		---	---	2	VOA	X					X	X								X	

ICE/T° 3.7°C
GOOD CONDITION _____ APPROPRIATE
HEAD SPACE ABSENT _____ CONTAINERS _____
DECHLORINATED IN LAB _____ PRESERVED IN LAB _____

PRESERVATION	VOAS	O&G	METALS	OTHER

COMMENTS: 10 & 20 X Rules per email 6/8/12

Relinquished By:	Date:	Time:	Received By:
	6/4/12	2015	Gabriel Ware
Relinquished By:	Date:	Time:	Received By:

Remarks:

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1206084 **ClientCode: QGSM**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Eric Garcia
Quest GeoSystems Management
11275 Sunrise Gold Cir., Ste. R
Rancho Cordova, CA 95742
(925) 756-1210 FAX: (925) 756-1227

Email: eric.garcia@questgsm.com
cc:
PO:
ProjectNo: #G03062012-01; Byron Power Company

Bill to:
Lexie Hinds
Quest GeoSystems Management
98 Daisyfield Drive
Livermore, CA 94551
lexiehinds@yahoo.com

Requested TAT: 5 days

Date Received: **06/04/2012**
Date Printed: **06/04/2012**

					Requested Tests (See legend below)											
Lab ID	**Client ID**	**Matrix**	**Collection Date**	**Hold**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1206084-001	SP.01-2	Soil	6/4/2012 14:06	☐	A		A	A		A	A	A				
1206084-002	SP.01-4	Soil	6/4/2012 14:08	☐	A		A	A								
1206084-003	SP.01-8	Soil	6/4/2012 14:09	☐	A		A	A								
1206084-004	SP.01W	Water	6/4/2012 15:15	☐		B			A							
1206084-005	SP.02-2	Soil	6/4/2012 12:56	☐	A		A	A		A	A					
1206084-006	SP.02-4	Soil	6/4/2012 12:58	☐	A		A	A								
1206084-007	SP.02-8	Soil	6/4/2012 13:02	☐	A		A	A								
1206084-008	SP.02W	Water	6/4/2012 16:50	☐		B			A							
1206084-009	SP.03-2	Soil	6/4/2012 13:34	☐	A		A	A		A	A					
1206084-010	SP.03-4	Soil	6/4/2012 13:36	☐	A		A	A								
1206084-011	SP.03-8	Soil	6/4/2012 13:42	☐	A		A	A								
1206084-012	SP.04-2	Soil	6/4/2012 15:56	☐	A		A	A		A	A					
1206084-013	SP.04-4	Soil	6/4/2012 15:58	☐	A		A	A								
1206084-014	SP.04-8	Soil	6/4/2012 16:02	☐	A		A	A								

Test Legend:

1	8260B_S	2	8260B_W	3	8270D_S	4	G-MBTEX_S	5	G-MBTEX_W
6	LUFT_S	7	PH_S	8	PREDF REPORT	9		10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 014A, 015A, 016A, 017A contain testgroup.

Prepared by: Zoraida Cortez

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1206084 **ClientCode: QGSM**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Eric Garcia
Quest GeoSystems Management
11275 Sunrise Gold Cir., Ste. R
Rancho Cordova, CA 95742
(925) 756-1210 FAX: (925) 756-1227

Email: eric.garcia@questgsm.com
cc:
PO:
ProjectNo: #G03062012-01; Byron Power Company

Bill to:
Lexie Hinds
Quest GeoSystems Management
98 Daisyfield Drive
Livermore, CA 94551
lexiehinds@yahoo.com

Requested TAT: 5 days

Date Received: **06/04/2012**
Date Printed: **06/04/2012**

					Requested Tests (See legend below)											
Lab ID	**Client ID**	**Matrix**	**Collection Date**	**Hold**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1206084-015	SP.05-2	Soil	6/4/2012 16:10	☐	A		A	A		A	A					
1206084-016	SP.05-4	Soil	6/4/2012 16:12	☐	A		A	A								
1206084-017	SP.05-8	Soil	6/4/2012 16:15	☐	A		A	A								
1206084-018	SP.06-2	Soil	6/4/2012 13:52	☐							A					
1206084-019	Trip	Water	6/4/2012	☐					A							

Test Legend:

1	8260B_S	2	8260B_W	3	8270D_S	4	G-MBTEX_S	5	G-MBTEX_W
6	LUFT_S	7	PH_S	8	PREDF REPORT	9		10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 014A, 015A, 016A, 017A contain testgroup.

Prepared by: Zoraida Cortez

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **Quest GeoSystems Management** Date and Time Received: **6/4/2012 8:44:04 PM**

Project Name: **#G03062012-01; Byron Power Company** LogIn Reviewed by: Zoraida Cortez

WorkOrder N°: **1206084** Matrix: Soil/Water Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 3.7°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/08/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-001A
Client ID	SP.01-2
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	114	%SS2:	96
%SS3:	104		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/08/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-002A
Client ID	SP.01-4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	115	%SS2:	97
%SS3:	103		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/08/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-003A
Client ID	SP.01-8
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	115	%SS2:	97
%SS3:	104		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/08/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-005A
Client ID	SP.02-2
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	115	%SS2:	97
%SS3:	105		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/08/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-006A
Client ID	SP.02-4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	116	%SS2:	97
%SS3:	102		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/09/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-007A
Client ID	SP.02-8
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND<0.01	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	114	%SS2:	101
%SS3:	114		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/08/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-009A
Client ID	SP.03-2
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	115	%SS2:	97
%SS3:	101		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/08/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-010A
Client ID	SP.03-4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	117	%SS2:	97
%SS3:	102		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/08/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-011A
Client ID	SP.03-8
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	117	%SS2:	97
%SS3:	104		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/09/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-012A
Client ID	SP.04-2
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	116	%SS2:	99
%SS3:	108		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/09/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-013A
Client ID	SP.04-4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	117	%SS2:	101
%SS3:	111		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/09/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-014A
Client ID	SP.04-8
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	115	%SS2:	101
%SS3:	114		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/09/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-015A
Client ID	SP.05-2
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	116	%SS2:	101
%SS3:	111		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/09/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-016A
Client ID	SP.05-4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	117	%SS2:	102
%SS3:	113		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/09/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-017A
Client ID	SP.05-8
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	115	%SS2:	101
%SS3:	112		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/08/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/08/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-004B
Client ID	SP.01W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	41	1.0	10	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	8.4	1.0	2.0	t-Butyl alcohol (TBA)	22	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	Chloroform	ND	1.0	0.5
Chloromethane	ND	1.0	0.5	2-Chlorotoluene	ND	1.0	0.5
4-Chlorotoluene	ND	1.0	0.5	Dibromochloromethane	ND	1.0	0.5
1,2-Dibromo-3-chloropropane	ND	1.0	0.2	1,2-Dibromoethane (EDB)	ND	1.0	0.5
Dibromomethane	ND	1.0	0.5	1,2-Dichlorobenzene	ND	1.0	0.5
1,3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzene	ND	1.0	0.5
Dichlorodifluoromethane	ND	1.0	0.5	1,1-Dichloroethane	ND	1.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	1,1-Dichloroethene	ND	1.0	0.5
cis-1,2-Dichloroethene	ND	1.0	0.5	trans-1,2-Dichloroethene	ND	1.0	0.5
1,2-Dichloropropane	ND	1.0	0.5	1,3-Dichloropropane	ND	1.0	0.5
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloropropene	ND	1.0	0.5
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1,3-Dichloropropene	ND	1.0	0.5
Diisopropyl ether (DIPE)	ND	1.0	0.5	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	2.5	1.0	0.5	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	ND	1.0	0.5	Methyl-t-butyl ether (MTBE)	ND	1.0	0.5
Methylene chloride	ND	1.0	0.5	4-Methyl-2-pentanone (MIBK)	5.8	1.0	0.5
Naphthalene	ND	1.0	0.5	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes, Total	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	106	%SS2:	71
%SS3:	113		

Comments: b1

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/08/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/08/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1206084

Lab ID	1206084-008B
Client ID	SP.02W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	Chloroform	ND	1.0	0.5
Chloromethane	ND	1.0	0.5	2-Chlorotoluene	ND	1.0	0.5
4-Chlorotoluene	ND	1.0	0.5	Dibromochloromethane	ND	1.0	0.5
1,2-Dibromo-3-chloropropane	ND	1.0	0.2	1,2-Dibromoethane (EDB)	ND	1.0	0.5
Dibromomethane	ND	1.0	0.5	1,2-Dichlorobenzene	ND	1.0	0.5
1,3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzene	ND	1.0	0.5
Dichlorodifluoromethane	ND	1.0	0.5	1,1-Dichloroethane	ND	1.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	1,1-Dichloroethene	ND	1.0	0.5
cis-1,2-Dichloroethene	ND	1.0	0.5	trans-1,2-Dichloroethene	ND	1.0	0.5
1,2-Dichloropropane	ND	1.0	0.5	1,3-Dichloropropane	ND	1.0	0.5
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloropropene	ND	1.0	0.5
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1,3-Dichloropropene	ND	1.0	0.5
Diisopropyl ether (DIPE)	ND	1.0	0.5	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	ND	1.0	0.5	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	ND	1.0	0.5	Methyl-t-butyl ether (MTBE)	ND	1.0	0.5
Methylene chloride	ND	1.0	0.5	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5
Naphthalene	ND	1.0	0.5	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes, Total	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	104	%SS2:	93
%SS3:	114		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/07/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-001A
Client ID	SP.01-2
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND<0.28	2.0	0.14	0.25	Acenaphthylene	ND<0.28	2.0	0.14	0.25
Acetochlor	ND<0.50	2.0	0.25	0.25	Anthracene	ND<0.28	2.0	0.14	0.25
Benzidine	ND<0.46	2.0	0.23	1.3	Benzoic Acid	ND<2.0	2.0	1.0	2.5
Benzo (a) anthracene	ND<0.28	2.0	0.14	0.25	Benzo (b) fluoranthene	ND<0.28	2.0	0.14	0.25
Benzo (k) fluoranthene	ND<0.32	2.0	0.16	0.25	Benzo (g,h,i) perylene	ND<0.30	2.0	0.15	0.25
Benzo (a) pyrene	ND<0.28	2.0	0.14	0.25	Benzyl Alcohol	ND<1.0	2.0	0.51	1.3
1,1-Biphenyl	ND<0.30	2.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND<0.28	2.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND<0.26	2.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND<0.24	2.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND<0.26	2.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND<0.32	2.0	0.16	0.25
Butylbenzyl Phthalate	ND<0.26	2.0	0.13	0.25	4-Chloroaniline	ND<0.26	2.0	0.13	0.25
4-Chloro-3-methylphenol	ND<0.24	2.0	0.12	0.25	2-Chloronaphthalene	ND<0.32	2.0	0.16	0.25
2-Chlorophenol	ND<0.28	2.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND<0.30	2.0	0.15	0.25
Chrysene	ND<0.28	2.0	0.14	0.25	Dibenzo (a,h) anthracene	ND<0.32	2.0	0.16	0.25
Dibenzofuran	ND<0.26	2.0	0.13	0.25	Di-n-butyl Phthalate	ND<0.26	2.0	0.13	0.25
1,2-Dichlorobenzene	ND<0.24	2.0	0.12	0.25	1,3-Dichlorobenzene	ND<0.28	2.0	0.14	0.25
1,4-Dichlorobenzene	ND<0.26	2.0	0.13	0.25	3,3-Dichlorobenzidine	ND<0.24	2.0	0.12	0.5
2,4-Dichlorophenol	ND<0.26	2.0	0.13	0.25	Diethyl Phthalate	ND<0.28	2.0	0.14	0.25
2,4-Dimethylphenol	ND<0.26	2.0	0.13	0.25	Dimethyl Phthalate	ND<0.28	2.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND<0.26	2.0	0.13	1.3	2,4-Dinitrophenol	ND<2.6	2.0	1.3	6.3
2,4-Dinitrotoluene	ND<0.26	2.0	0.13	0.25	2,6-Dinitrotoluene	ND<0.28	2.0	0.14	0.25
Di-n-octyl Phthalate	ND<0.28	2.0	0.14	0.25	1,2-Diphenylhydrazine	ND<0.32	2.0	0.16	0.25
Fluoranthene	ND<0.26	2.0	0.13	0.25	Fluorene	ND<0.28	2.0	0.14	0.25
Hexachlorobenzene	ND<0.34	2.0	0.17	0.25	Hexachlorobutadiene	ND<0.30	2.0	0.15	0.25
Hexachlorocyclopentadiene	ND<1.5	2.0	0.73	1.3	Hexachloroethane	ND<0.28	2.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND<0.28	2.0	0.14	0.25	Isophorone	ND<0.24	2.0	0.12	0.25
2-Methylnaphthalene	ND<0.28	2.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND<0.28	2.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND<0.24	2.0	0.12	0.25	Naphthalene	ND<0.26	2.0	0.13	0.25
2-Nitroaniline	ND<1.2	2.0	0.62	1.3	3-Nitroaniline	ND<1.2	2.0	0.59	1.3
4-Nitroaniline	ND<1.1	2.0	0.55	1.3	Nitrobenzene	ND<0.28	2.0	0.14	0.25
2-Nitrophenol	ND<1.3	2.0	0.64	1.3	4-Nitrophenol	ND<0.82	2.0	0.41	1.3
N-Nitrosodiphenylamine	ND<0.32	2.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND<0.26	2.0	0.13	0.25
Pentachlorophenol	ND<0.12	2.0	0.061	1.3	Phenanthrene	ND<0.28	2.0	0.14	0.25
Phenol	ND<0.24	2.0	0.12	0.25	Pyrene	ND<0.26	2.0	0.13	0.25
1,2,4-Trichlorobenzene	ND<0.28	2.0	0.14	0.25	2,4,5-Trichlorophenol	ND<0.24	2.0	0.12	0.25
2,4,6-Trichlorophenol	ND<0.28	2.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	115	%SS2:	106
%SS3:	109	%SS4:	95
%SS5:	98	%SS6:	100

Comments: a3

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/06/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-002A
Client ID	SP.01-4
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	ND<6.3	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	0.70	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	105	%SS2:	102
%SS3:	93	%SS4:	87
%SS5:	66	%SS6:	88

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/06/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-003A
Client ID	SP.01-8
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	ND<6.3	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	0.33	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	98	%SS2:	94
%SS3:	86	%SS4:	80
%SS5:	55	%SS6:	83

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/05/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-005A
Client ID	SP.02-2
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	ND	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	ND	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	124	%SS2:	113
%SS3:	97	%SS4:	87
%SS5:	74	%SS6:	94

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/05/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-006A
Client ID	SP.02-4
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	ND	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	0.16,J	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	119	%SS2:	107
%SS3:	94	%SS4:	84
%SS5:	61	%SS6:	90

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/05/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-007A
Client ID	SP.02-8
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	ND	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	0.15,J	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	---#	%SS2:	120
%SS3:	102	%SS4:	93
%SS5:	58	%SS6:	101

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/06/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-009A
Client ID	SP.03-2
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	ND<6.3	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	ND	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	105	%SS2:	99
%SS3:	94	%SS4:	85
%SS5:	77	%SS6:	86

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/06/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-010A
Client ID	SP.03-4
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	ND<6.3	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	0.17,J	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	100	%SS2:	95
%SS3:	91	%SS4:	84
%SS5:	70	%SS6:	86

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/06/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-011A
Client ID	SP.03-8
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	ND<6.3	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	0.14,J	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	95	%SS2:	88
%SS3:	84	%SS4:	77
%SS5:	61	%SS6:	77

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/06/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-012A
Client ID	SP.04-2
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	ND<6.3	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	ND	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	89	%SS2:	86
%SS3:	80	%SS4:	76
%SS5:	56	%SS6:	77

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/06/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-013A
Client ID	SP.04-4
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	ND<6.3	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	0.58	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	97	%SS2:	91
%SS3:	86	%SS4:	81
%SS5:	65	%SS6:	77

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/06/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-014A
Client ID	SP.04-8
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	ND<6.3	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	0.23,J	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	90	%SS2:	86
%SS3:	78	%SS4:	74
%SS5:	59	%SS6:	78

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/05/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-015A
Client ID	SP.05-2
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	1.7,J	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	ND	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	129	%SS2:	116
%SS3:	102	%SS4:	90
%SS5:	93	%SS6:	93

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/05/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-016A
Client ID	SP.05-4
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	1.5,J	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	0.20,J	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	122	%SS2:	110
%SS3:	96	%SS4:	86
%SS5:	83	%SS6:	92

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/05/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1206084

Lab ID	1206084-017A
Client ID	SP.05-8
Matrix	Soil

Compound	Concentration *	DF	MDL	RL	Compound	Concentration *	DF	MDL	RL
Acenaphthene	ND	1.0	0.14	0.25	Acenaphthylene	ND	1.0	0.14	0.25
Acetochlor	ND	1.0	0.25	0.25	Anthracene	ND	1.0	0.14	0.25
Benzidine	ND	1.0	0.23	1.3	Benzoic Acid	1.5,J	1.0	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.14	0.25	Benzo (b) fluoranthene	ND	1.0	0.14	0.25
Benzo (k) fluoranthene	ND	1.0	0.16	0.25	Benzo (g,h,i) perylene	ND	1.0	0.15	0.25
Benzo (a) pyrene	ND	1.0	0.14	0.25	Benzyl Alcohol	ND	1.0	0.51	1.3
1,1-Biphenyl	ND	1.0	0.15	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.14	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.13	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.12	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.13	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.16	0.25
Butylbenzyl Phthalate	ND	1.0	0.13	0.25	4-Chloroaniline	ND	1.0	0.13	0.25
4-Chloro-3-methylphenol	ND	1.0	0.12	0.25	2-Chloronaphthalene	ND	1.0	0.16	0.25
2-Chlorophenol	ND	1.0	0.14	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.15	0.25
Chrysene	ND	1.0	0.14	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.16	0.25
Dibenzofuran	ND	1.0	0.13	0.25	Di-n-butyl Phthalate	ND	1.0	0.13	0.25
1,2-Dichlorobenzene	ND	1.0	0.12	0.25	1,3-Dichlorobenzene	ND	1.0	0.14	0.25
1,4-Dichlorobenzene	ND	1.0	0.13	0.25	3,3-Dichlorobenzidine	ND	1.0	0.12	0.5
2,4-Dichlorophenol	ND	1.0	0.13	0.25	Diethyl Phthalate	ND	1.0	0.14	0.25
2,4-Dimethylphenol	ND	1.0	0.13	0.25	Dimethyl Phthalate	ND	1.0	0.14	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	0.13	1.3	2,4-Dinitrophenol	ND	1.0	1.3	6.3
2,4-Dinitrotoluene	ND	1.0	0.13	0.25	2,6-Dinitrotoluene	ND	1.0	0.14	0.25
Di-n-octyl Phthalate	ND	1.0	0.14	0.25	1,2-Diphenylhydrazine	ND	1.0	0.16	0.25
Fluoranthene	ND	1.0	0.13	0.25	Fluorene	ND	1.0	0.14	0.25
Hexachlorobenzene	ND	1.0	0.17	0.25	Hexachlorobutadiene	ND	1.0	0.15	0.25
Hexachlorocyclopentadiene	ND	1.0	0.73	1.3	Hexachloroethane	ND	1.0	0.14	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.14	0.25	Isophorone	ND	1.0	0.12	0.25
2-Methylnaphthalene	ND	1.0	0.14	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.14	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.12	0.25	Naphthalene	ND	1.0	0.13	0.25
2-Nitroaniline	ND	1.0	0.62	1.3	3-Nitroaniline	ND	1.0	0.59	1.3
4-Nitroaniline	ND	1.0	0.55	1.3	Nitrobenzene	ND	1.0	0.14	0.25
2-Nitrophenol	ND	1.0	0.64	1.3	4-Nitrophenol	ND	1.0	0.41	1.3
N-Nitrosodiphenylamine	ND	1.0	0.16	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.13	0.25
Pentachlorophenol	ND	1.0	0.061	1.3	Phenanthrene	ND	1.0	0.14	0.25
Phenol	ND	1.0	0.12	0.25	Pyrene	ND	1.0	0.13	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.14	0.25	2,4,5-Trichlorophenol	ND	1.0	0.12	0.25
2,4,6-Trichlorophenol	ND	1.0	0.14	0.25					

Surrogate Recoveries (%)

%SS1:	---#	%SS2:	128
%SS3:	110	%SS4:	99
%SS5:	91	%SS6:	106

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

J) analyte detected below quantitation limits
a3) sample diluted due to high organic content.

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted 06/04/12-06/06/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed 06/05/12-06/06/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method: SW5030B | Analytical methods: SW8015Bm | Work Order: 1206084

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	SP.01-2	S	ND	1	106	
002A	SP.01-4	S	ND	1	109	
003A	SP.01-8	S	ND	1	107	
004A	SP.01W	W	ND	1	97	b1
005A	SP.02-2	S	ND	1	110	
006A	SP.02-4	S	ND	1	110	
007A	SP.02-8	S	ND	1	118	
008A	SP.02W	W	ND	1	91	
009A	SP.03-2	S	ND	1	112	
010A	SP.03-4	S	ND	1	111	
011A	SP.03-8	S	ND	1	104	
012A	SP.04-2	S	ND	1	102	
013A	SP.04-4	S	ND	1	107	
014A	SP.04-8	S	ND	1	107	
015A	SP.05-2	S	ND	1	108	
016A	SP.05-4	S	ND	1	107	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	1.0	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted 06/04/12-06/06/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed 06/05/12-06/06/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method: SW5030B Analytical methods: SW8015Bm Work Order: 1206084

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
017A	SP.05-8	S	ND	1	110	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	1.0	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment

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Angela Rydelius, Lab Manager

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/06/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/06/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1206084

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
019A	Trip	W	ND	ND	ND	ND	ND	ND	1	106	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference. %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/07/12

LUFT 5 Metals*

Extraction method: SW3050B | Analytical methods: SW6010B | Work Order: 1206084

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS	Comments
001A	SP.01-2	S	TOTAL	ND	34	11	46	72	1	118	
005A	SP.02-2	S	TOTAL	ND	50	13	57	83	1	122	
009A	SP.03-2	S	TOTAL	ND	45	12	45	94	1	119	
012A	SP.04-2	S	TOTAL	ND	32	12	32	58	1	118	
015A	SP.05-2	S	TOTAL	ND	29	11	28	58	1	116	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA
	S	TOTAL	1.5	1.5	5.0	1.5	5.0	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
11275 Sunrise Gold Cir., Ste. R		Date Received: 06/04/12
	Client Contact: Eric Garcia	Date Extracted: 06/05/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/05/12

pH*

Analytical Method: SW9045D — Work Order: 1206084

Lab ID	Client ID	Matrix	pH	DF	Comments
1206084-001A	SP.01-2	S	7.65 @ 22.6°C	1	
1206084-005A	SP.02-2	S	7.05 @ 23.3°C	1	
1206084-009A	SP.03-2	S	7.57 @ 23.1°C	1	
1206084-012A	SP.04-2	S	8.31 @ 23.2°C	1	
1206084-015A	SP.05-2	S	7.16 @ 23.2°C	1	
1206084-018A	SP.06-2	S	8.28 @ 23.1°C	1	

Method Accuracy and Reporting Units	W	NA	
	S	±0.05, pH units @ °C	

* EPA method 9045; pH = -log(aH+) @ _°C; ± 0.1 units

DF = Dilution Factor

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/05/12-06/08/12

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3510C/SW3550B Analytical methods: SW8015B Work Order: 1206084

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1206084-001A	SP.01-2	S	21	240	2	97	e7,e2
1206084-002A	SP.01-4	S	1.7	ND	1	112	e2
1206084-003A	SP.01-8	S	1.3	ND	1	112	e2
1206084-004A	SP.01W	W	5500	29,000	40	94	e7,e2,b1
1206084-005A	SP.02-2	S	ND	ND	1	106	
1206084-006A	SP.02-4	S	ND	ND	1	110	
1206084-007A	SP.02-8	S	1.9	ND	1	114	e2
1206084-008A	SP.02W	W	ND	ND	1	100	
1206084-009A	SP.03-2	S	ND	ND	1	103	
1206084-010A	SP.03-4	S	2.1	ND	1	110	e2
1206084-011A	SP.03-8	S	ND	ND	1	110	
1206084-012A	SP.04-2	S	ND	ND	1	106	
1206084-013A	SP.04-4	S	1.3	ND	1	103	e2
1206084-014A	SP.04-8	S	ND	ND	1	101	
1206084-015A	SP.05-2	S	ND	ND	1	114	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
e2) diesel range compounds are significant; no recognizable pattern
e7) oil range compounds are significant

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Quest GeoSystems Management	Client Project ID: #G03062012-01; Byron Power Company	Date Sampled: 06/04/12
		Date Received: 06/04/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 06/04/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 06/05/12-06/08/12

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3510C/SW3550B Analytical methods: SW8015B Work Order: 1206084

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1206084-016A	SP.05-4	S	ND	ND	1	113	
1206084-017A	SP.05-8	S	ND	ND	1	111	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
e2) diesel range compounds are significant; no recognizable pattern
e7) oil range compounds are significant

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 68015 | WorkOrder: 1206084

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1206022-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
tert-Amyl methyl ether (TAME)	ND	0.050	81.3	82.2	1.11	84.9	70 - 130	30	50 - 135
Benzene	ND	0.050	83	83.5	0.587	93.6	70 - 130	30	70 - 137
t-Butyl alcohol (TBA)	ND	0.20	86.1	89.4	3.55	91.6	70 - 130	30	50 - 143
Chlorobenzene	ND	0.050	84.4	86.6	2.50	94.8	70 - 130	30	69 - 133
1,2-Dibromoethane (EDB)	ND	0.050	90	90.4	0.388	94.7	70 - 130	30	61 - 135
1,2-Dichloroethane (1,2-DCA)	ND	0.050	86.2	88.5	2.64	95.7	70 - 130	30	64 - 133
1,1-Dichloroethene	ND	0.050	85.2	85.8	0.699	90.8	70 - 130	30	70 - 142
Diisopropyl ether (DIPE)	ND	0.050	79.6	80.5	1.11	89.4	70 - 130	30	65 - 134
Ethyl tert-butyl ether (ETBE)	ND	0.050	80	82.4	2.96	87.7	70 - 130	30	61 - 127
Methyl-t-butyl ether (MTBE)	ND	0.050	82.5	85.2	3.26	87.7	70 - 130	30	65 - 130
Toluene	ND	0.050	86.3	88.8	2.84	98.7	70 - 130	30	70 - 146
Trichloroethene	ND	0.050	94.4	97.3	3.09	109	70 - 130	30	66 - 143
%SS1:	118	0.12	119	120	0.0621	122	70 - 130	30	70 - 130
%SS2:	96	0.12	95	97	2.04	97	70 - 130	30	70 - 130
%SS3:	99	0.012	97	99	2.05	103	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 68015 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206084-001A	06/04/12 2:06 PM	06/04/12	06/08/12 1:33 AM	1206084-002A	06/04/12 2:08 PM	06/04/12	06/08/12 2:12 AM
1206084-003A	06/04/12 2:09 PM	06/04/12	06/08/12 2:51 AM	1206084-005A	06/04/12 12:56 PM	06/04/12	06/08/12 3:30 AM
1206084-006A	06/04/12 12:58 PM	06/04/12	06/08/12 4:09 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 68061 | WorkOrder: 1206084

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1206084-017A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
tert-Amyl methyl ether (TAME)	ND	0.050	74	80.7	8.65	75.4	70 - 130	30	50 - 135
Benzene	ND	0.050	84.4	91.7	8.24	85.4	70 - 130	30	70 - 137
t-Butyl alcohol (TBA)	ND	0.20	84.3	94.9	11.9	90.5	70 - 130	30	50 - 143
Chlorobenzene	ND	0.050	88.6	96.2	8.16	92.2	70 - 130	30	69 - 133
1,2-Dibromoethane (EDB)	ND	0.050	86.4	96	10.6	93.6	70 - 130	30	61 - 135
1,2-Dichloroethane (1,2-DCA)	ND	0.050	87.7	96.4	9.45	93.5	70 - 130	30	64 - 133
1,1-Dichloroethene	ND	0.050	80.3	87.6	8.74	74.6	70 - 130	30	70 - 142
Diisopropyl ether (DIPE)	ND	0.050	82.4	89.7	8.40	83.7	70 - 130	30	65 - 134
Ethyl tert-butyl ether (ETBE)	ND	0.050	80	86.8	8.15	80	70 - 130	30	61 - 127
Methyl-t-butyl ether (MTBE)	ND	0.050	80.6	88.3	9.02	84	70 - 130	30	65 - 130
Toluene	ND	0.050	91.7	100	8.77	96	70 - 130	30	70 - 146
Trichloroethene	ND	0.050	91.6	100	8.84	99.3	70 - 130	30	66 - 143
%SS1:	115	0.12	103	103	0	104	70 - 130	30	70 - 130
%SS2:	101	0.12	101	102	0.339	104	70 - 130	30	70 - 130
%SS3:	112	0.012	113	113	0	115	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 68061 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206084-007A	06/04/12 1:02 PM	06/04/12	06/09/12 7:22 AM	1206084-009A	06/04/12 1:34 PM	06/04/12	06/08/12 5:29 AM
1206084-010A	06/04/12 1:36 PM	06/04/12	06/08/12 6:08 AM	1206084-011A	06/04/12 1:42 PM	06/04/12	06/08/12 4:29 PM
1206084-012A	06/04/12 3:56 PM	06/04/12	06/09/12 3:27 AM	1206084-013A	06/04/12 3:58 PM	06/04/12	06/09/12 4:07 AM
1206084-014A	06/04/12 4:02 PM	06/04/12	06/09/12 4:46 AM	1206084-015A	06/04/12 4:10 PM	06/04/12	06/09/12 5:24 AM
1206084-016A	06/04/12 4:12 PM	06/04/12	06/09/12 6:03 AM	1206084-017A	06/04/12 4:15 PM	06/04/12	06/09/12 6:42 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 68201 | WorkOrder: 1206084

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1206084-008B**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
tert-Amyl methyl ether (TAME)	ND	10	89.6	88.8	0.925	88	70 - 130	20	70 - 130
Benzene	ND	10	86.5	85.7	0.932	88.1	70 - 130	20	70 - 130
t-Butyl alcohol (TBA)	ND	40	105	99.4	5.47	91.6	70 - 130	20	70 - 130
Chlorobenzene	ND	10	89.2	88.7	0.641	89.9	70 - 130	20	70 - 130
1,2-Dibromoethane (EDB)	ND	10	92.3	91.3	1.09	90.8	70 - 130	20	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	10	87.5	88	0.600	89.1	70 - 130	20	70 - 130
1,1-Dichloroethene	ND	10	76.9	76.2	0.943	80.8	70 - 130	20	70 - 130
Diisopropyl ether (DIPE)	ND	10	87.2	85.8	1.61	87.9	70 - 130	20	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	10	88.4	87.2	1.40	87.3	70 - 130	20	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	87.7	87.1	0.759	86.7	70 - 130	20	70 - 130
Toluene	ND	10	87.3	86	1.44	87.7	70 - 130	20	70 - 130
Trichloroethene	ND	10	85	84.7	0.424	88.1	70 - 130	20	70 - 130
%SS1:	104	25	102	103	0.143	103	70 - 130	20	70 - 130
%SS2:	93	25	93	93	0	92	70 - 130	20	70 - 130
%SS3:	114	2.5	114	114	0	112	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 68201 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206084-004B	06/04/12 3:15 PM	06/08/12	06/08/12 4:28 AM	1206084-008B	06/04/12 4:50 PM	06/08/12	06/08/12 5:07 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 68075 | WorkOrder: 1206084

EPA Method: SW8270C **Extraction: SW3550B** **Spiked Sample ID: 1206080-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Acenaphthene	ND<5	5	NR	NR	NR	90.1	N/A	N/A	30 - 130
4-Chloro-3-methylphenol	ND<5	5	NR	NR	NR	104	N/A	N/A	30 - 130
2-Chlorophenol	ND<5	5	NR	NR	NR	106	N/A	N/A	30 - 130
1,4-Dichlorobenzene	ND<5	5	NR	NR	NR	87.4	N/A	N/A	30 - 130
2,4-Dinitrotoluene	ND<5	5	NR	NR	NR	99.5	N/A	N/A	30 - 130
4-Nitrophenol	ND<26	5	NR	NR	NR	82.8	N/A	N/A	30 - 130
N-Nitrosodi-n-propylamine	ND<5	5	NR	NR	NR	100	N/A	N/A	30 - 130
Pentachlorophenol	ND<26	5	NR	NR	NR	63.8	N/A	N/A	30 - 130
Phenol	ND<5	5	NR	NR	NR	106	N/A	N/A	30 - 130
Pyrene	ND<5	5	NR	NR	NR	86.8	N/A	N/A	30 - 130
1,2,4-Trichlorobenzene	ND<5	5	NR	NR	NR	89.6	N/A	N/A	30 - 130
%SS1:	116	5	NR	NR	NR	110	N/A	N/A	30 - 130
%SS2:	98	5	NR	NR	NR	102	N/A	N/A	30 - 130
%SS3:	106	5	NR	NR	NR	99	N/A	N/A	30 - 130
%SS4:	98	5	NR	NR	NR	90	N/A	N/A	30 - 130
%SS5:	88	5	NR	NR	NR	100	N/A	N/A	30 - 130
%SS6:	112	5	NR	NR	NR	83	N/A	N/A	30 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 68075 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206084-001A	06/04/12 2:06 PM	06/05/12	06/07/12 10:08 PM	1206084-002A	06/04/12 2:08 PM	06/05/12	06/06/12 10:22 PM
1206084-003A	06/04/12 2:09 PM	06/05/12	06/06/12 10:50 PM	1206084-005A	06/04/12 12:56 PM	06/05/12	06/05/12 7:27 PM
1206084-006A	06/04/12 12:58 PM	06/05/12	06/05/12 7:52 PM	1206084-007A	06/04/12 1:02 PM	06/05/12	06/05/12 8:18 PM
1206084-009A	06/04/12 1:34 PM	06/05/12	06/06/12 7:35 PM	1206084-010A	06/04/12 1:36 PM	06/05/12	06/06/12 8:03 PM
1206084-011A	06/04/12 1:42 PM	06/05/12	06/06/12 8:31 PM	1206084-012A	06/04/12 3:56 PM	06/05/12	06/06/12 8:59 PM
1206084-013A	06/04/12 3:58 PM	06/05/12	06/06/12 9:27 PM	1206084-014A	06/04/12 4:02 PM	06/05/12	06/06/12 9:54 PM
1206084-015A	06/04/12 4:10 PM	06/05/12	06/05/12 6:11 PM	1206084-016A	06/04/12 4:12 PM	06/05/12	06/05/12 6:36 PM
1206084-017A	06/04/12 4:15 PM	06/05/12	06/05/12 7:01 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and / or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix, sample diluted due to high matrix or analyte content, or MS/MSD samples diluted due to high organic content.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 68017 | WorkOrder: 1206084

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1206023-014A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	115	108	5.64	111	70 - 130	20	70 - 130
MTBE	ND	0.10	93.2	96.2	3.10	106	70 - 130	20	70 - 130
Benzene	ND	0.10	102	109	6.55	111	70 - 130	20	70 - 130
Toluene	ND	0.10	99.5	107	6.99	109	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	104	109	5.42	110	70 - 130	20	70 - 130
Xylenes	ND	0.30	99.8	107	6.55	106	70 - 130	20	70 - 130
%SS:	98	0.10	84	103	19.9	103	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 68017 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206084-001A	06/04/12 2:06 PM	06/04/12	06/06/12 3:57 PM	1206084-002A	06/04/12 2:08 PM	06/04/12	06/05/12 11:57 PM
1206084-003A	06/04/12 2:09 PM	06/04/12	06/06/12 12:27 AM	1206084-005A	06/04/12 12:56 PM	06/04/12	06/06/12 12:58 AM
1206084-006A	06/04/12 12:58 PM	06/04/12	06/06/12 1:58 AM	1206084-007A	06/04/12 1:02 PM	06/04/12	06/06/12 2:28 AM
1206084-009A	06/04/12 1:34 PM	06/04/12	06/06/12 2:58 AM	1206084-010A	06/04/12 1:36 PM	06/04/12	06/06/12 5:57 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 68060 | WorkOrder: 1206084

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1206084-017A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	120	115	4.51	113	70 - 130	20	70 - 130
MTBE	ND	0.10	93.6	85.4	9.13	89.8	70 - 130	20	70 - 130
Benzene	ND	0.10	100	89.5	11.3	94.9	70 - 130	20	70 - 130
Toluene	ND	0.10	99.5	91.2	8.64	94	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	99.9	92.9	7.27	94.6	70 - 130	20	70 - 130
Xylenes	ND	0.30	101	94.8	6.10	93.7	70 - 130	20	70 - 130
%SS:	110	0.10	101	97	4.50	109	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 68060 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206084-011A	06/04/12 1:42 PM	06/04/12	06/06/12 6:57 AM	1206084-012A	06/04/12 3:56 PM	06/04/12	06/06/12 7:27 AM
1206084-013A	06/04/12 3:58 PM	06/04/12	06/06/12 7:30 PM	1206084-014A	06/04/12 4:02 PM	06/04/12	06/06/12 8:01 PM
1206084-015A	06/04/12 4:10 PM	06/04/12	06/06/12 8:31 PM	1206084-016A	06/04/12 4:12 PM	06/04/12	06/06/12 9:02 PM
1206084-017A	06/04/12 4:15 PM	06/04/12	06/06/12 10:33 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 68108 | WorkOrder: 1206084

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1206084-008A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	60	93.7	91.3	2.58	90.7	70 - 130	20	70 - 130
MTBE	ND	10	96.7	96.7	0	96.5	70 - 130	20	70 - 130
Benzene	ND	10	87.4	89.6	2.44	85.8	70 - 130	20	70 - 130
Toluene	ND	10	89.1	91.1	2.31	85.3	70 - 130	20	70 - 130
Ethylbenzene	ND	10	87.8	89.6	2.02	85.2	70 - 130	20	70 - 130
Xylenes	ND	30	90.6	91.9	1.49	89.3	70 - 130	20	70 - 130
%SS:	91	10	93	92	0.858	94	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 68108 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206084-004A	06/04/12 3:15 PM	06/06/12	06/06/12 1:54 AM	1206084-008A	06/04/12 4:50 PM	06/06/12	06/06/12 2:23 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 68109 | WorkOrder: 1206084

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1206092-005A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	60	105	109	3.92	111	70 - 130	20	70 - 130
MTBE	ND	10	90.7	94.6	4.27	101	70 - 130	30	70 - 130
Benzene	ND	10	99.5	106	5.92	105	70 - 130	30	70 - 130
Toluene	ND	10	102	107	5.41	107	70 - 130	30	70 - 130
Ethylbenzene	ND	10	101	107	5.14	107	70 - 130	30	70 - 130
Xylenes	ND	30	103	108	4.61	128	70 - 130	20	70 - 130
%SS:	106	10	101	103	2.44	106	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 68109 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206084-019A	06/04/12	06/06/12	06/06/12 12:41 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

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QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 68006 | WorkOrder: 1206084

EPA Method: SW6010B **Extraction: SW3050B** **Spiked Sample ID: 1206004-013A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Cadmium	ND	50	95.2	95.4	0.210	106	75 - 125	25	75 - 125
Chromium	14	50	95.9	100	3.48	108	75 - 125	25	75 - 125
Lead	ND	50	98.8	92.3	6.46	110	75 - 125	25	75 - 125
Nickel	11	50	89.2	92	2.44	99.4	75 - 125	25	75 - 125
Zinc	25	500	109	106	2.40	111	75 - 125	25	75 - 125
%SS:	99	500	100	109	8.72	100	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 68006 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206084-001A	06/04/12 2:06 PM	06/04/12	06/07/12 10:34 AM	1206084-005A	06/04/12 12:56 PM	06/04/12	06/07/12 10:38 AM
1206084-009A	06/04/12 1:34 PM	06/04/12	06/07/12 10:41 AM	1206084-012A	06/04/12 3:56 PM	06/04/12	06/07/12 10:44 AM
1206084-015A	06/04/12 4:10 PM	06/04/12	06/07/12 10:47 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR WET CHEMISTRY TESTS

Test Method: **SW9045D (pH)** **Matrix:** **S** **WorkOrder:** **1206084**

Method Name: SW9045D | Units: ±, pH units @ °C | BatchID: 68110

Lab ID	Sample	DF	Dup / Ser. Dil.	DF	Precision	Acceptance Criteria
1206084-001A	7.65 @ 22.6°C	1	7.67 @ 23.1°C	1	0.02	0.1
1206084-005A	7.05 @ 23.3°C	1	7.06 @ 23.3°C	1	0.01	0.1
1206084-009A	7.57 @ 23.1°C	1	7.60 @ 23.2°C	1	0.03	0.1
1206084-012A	8.31 @ 23.2°C	1	8.33 @ 23.3°C	1	0.02	0.1
1206084-015A	7.16 @ 23.2°C	1	7.13 @ 23.3°C	1	0.03	0.1
1206084-018A	8.28 @ 23.1°C	1	8.31 @ 23.2°C	1	0.03	0.1

BATCH 68110 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206084-001A	06/04/12 2:06 PM	06/05/12	06/05/12 9:06 PM	1206084-005A	06/04/12 12:56 PM	06/05/12	06/05/12 9:12 PM
1206084-009A	06/04/12 1:34 PM	06/05/12	06/05/12 9:18 PM	1206084-012A	06/04/12 3:56 PM	06/05/12	06/05/12 9:24 PM
1206084-015A	06/04/12 4:10 PM	06/05/12	06/05/12 9:30 PM	1206084-018A	06/04/12 1:52 PM	06/05/12	06/05/12 9:36 PM

Dup = Duplicate; Ser. Dil. = Serial Dilution; MS = Matrix Spike; RD = Relative Difference; RPD = Relative Percent Deviation.

Precision = Absolute Value (Sample - Duplicate)

RPD = 100 * (Sample - Duplicate) / [(Sample + Duplicate) / 2]

%RPD is calculated using results of up to 10 significant figures, however the reported results are rounded to 2 or 3 significant figures. Therefore there may be a slight discrepancy between the %RPD displayed above and %RPD calculated using the reported results. MAI considers %RPD based upon more significant figures to be more accurate.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 68057 | WorkOrder: 1206084

EPA Method: SW8015B **Extraction: SW3550B** **Spiked Sample ID: 1206080-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	120	40	NR	NR	NR	101	N/A	N/A	70 - 130
%SS:	107	25	NR	NR	NR	104	N/A	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 68057 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206084-001A	06/04/12 2:06 PM	06/04/12	06/06/12 12:50 AM	1206084-002A	06/04/12 2:08 PM	06/04/12	06/06/12 7:23 PM
1206084-003A	06/04/12 2:09 PM	06/04/12	06/06/12 8:35 PM	1206084-005A	06/04/12 12:56 PM	06/04/12	06/05/12 8:10 PM
1206084-006A	06/04/12 12:58 PM	06/04/12	06/06/12 3:12 AM	1206084-007A	06/04/12 1:02 PM	06/04/12	06/07/12 1:21 AM
1206084-009A	06/04/12 1:34 PM	06/04/12	06/05/12 8:17 PM	1206084-010A	06/04/12 1:36 PM	06/04/12	06/06/12 5:32 AM
1206084-011A	06/04/12 1:42 PM	06/04/12	06/05/12 5:49 PM	1206084-012A	06/04/12 3:56 PM	06/04/12	06/05/12 10:31 PM
1206084-013A	06/04/12 3:58 PM	06/04/12	06/05/12 6:43 PM	1206084-014A	06/04/12 4:02 PM	06/04/12	06/05/12 5:37 PM
1206084-015A	06/04/12 4:10 PM	06/04/12	06/06/12 7:23 PM	1206084-016A	06/04/12 4:12 PM	06/04/12	06/06/12 8:35 PM
1206084-017A	06/04/12 4:15 PM	06/04/12	06/06/12 2:02 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 68016 | WorkOrder: 1206084

EPA Method: SW8015B **Extraction: SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	106	N/A	N/A	70 - 130
%SS:	N/A	625	N/A	N/A	N/A	93	N/A	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 68016 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206084-004A	06/04/12 3:15 PM	06/04/12	06/08/12 4:27 PM	1206084-008A	06/04/12 4:50 PM	06/04/12	06/06/12 7:59 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer