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December 20, 2013

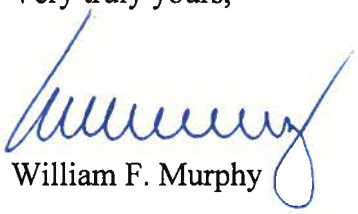
Alameda County Environmental Health Department
Attention: Jerry Wickham
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Byron Power Company, 4901 Bruns Rd., Byron CA

Dear Mr. Wickham:

Attached please find a report, entitled Surface Spill Interim Remedial Action Report, dated December 20, 2013, prepared for Byron Power Company by Quest GeoSystems. As a legal authorized representative of Byron Power, I declare under penalty of perjury that, on information and belief, the information and/or recommendations contained in the attached documents and/or reports are true and correct to the best of my knowledge.

Very truly yours,



William F. Murphy

Encl.

GSM
QUEST GEOSYSTEMS MANAGEMENT

December 20, 2013 Project: G07162013-02

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: SURFACE SPILL INTERIM REMEDIAL ACTION 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. The site activities summarized in the enclosed report were performed consistent with the work scope outlined in previously submitted *Interim Remedial Action Workplan*, dated November 18, 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: Surface Spill Interim Remedial Action Report

cc: File

SURFACE SPILL INTERIM REMEDIAL ACTION 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

December 20, 2013

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LIST OF ILLUSTRATIONS

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.

December 20, 2013

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

Date

Quest GeoSystems Management Project # G07162013-02

1 INTRODUCTION

This report was prepared by Quest GeoSystems Management, Inc. (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 *Interim Remedial Action Workplan*, dated November 18, 2012; with the requirements of the Alameda County Environmental Health (ACEH), as indicated in their letter dated September 4, 2012; and subsequent workplan approvals dated November 20, 2012, and June 27, 2013. The scope of work completed was intended to demonstrate the remedial effectiveness of the removal of soil impacts related to petroleum hydrocarbons (PHC's) other Constituents of Concern (COC's) at the Site.

1.1 SCOPE OF WORK

The objective of the site assessment was to excavate petroleum-impacted soils in the area of a fuel spill near the edge of a lined surface impoundment in the area and to perform confirmation sampling for PHC's and other COC's. The following work scope was completed in order to achieve the above-referenced objectives:

- Excavate soil in the area of the fuel spill until the screening of soil indicated the absence of PHC impacts;
- Collection of representative confirmation soil samples;
- The samples were delivered under Chain-of-Custody documentation to a State-Certified analytical laboratory for chemical analysis; and
- Creation of this report, summarizing the results of the assessment.

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 rectangular 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 completed the site reconnaissance of the facility. As part of the field reconnaissance, Quest reviewed the facilities Hazardous Materials Business Plan (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 the observations/recommendations 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. Upon arriving at the Site, Quest personnel observed additional areas of stained soils not originally noted in the Phase I report. 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 inches 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.

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.

On February 23, 2012, ACEH requested the submission of a workplan to evaluate potential soil and groundwater impacts at the Site.

On April 10, 2012, Quest submitted a report titled *Site Assessment Work Plan*, which proposed a subsurface investigation to assess the vertical and lateral extent of soil impacts at the site. The Workplan was subsequently approved by the ACEH in a letter dated May 1, 2012.

On July 2, 2102, Quest conducted subsurface investigation at the Site. The investigation consisted of the completion of six (6) direct push soil borings (SP.01 through SP.06) from which sixteen (16) soil samples and two (2) groundwater samples (SP.01W and SP.03W) were collected and analyzed for key chemical constituents of concern. Soil samples collected from soil probes SP.01 through SP.05 were found to exceed the environmental screening level (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 groundwater that is not considered or is a potential source of drinking water for residential land use. Groundwater samples from soil probe SP.01 were found to exceed the ESL's for TPH-D, TPHMO, and TBA for groundwater, which is a current or potential source of drinking water for residential or commercial/industrial land uses. No groundwater was encountered during a subsequent resample attempt adjacent to soil probe SP.01 (SP.07) completed on July 2, 2102. On August 6, 2012, Quest submitted a Report summarizing the findings of the investigation at the Site and made recommendations for interim remedial measures.

On September 4, 2012, ACEH responded to the Quest's report submittal July 6, 2012. ACEH requested the submission of a workplan to further evaluate potential soil and groundwater impacts at the Site, and sample sediment and scale noted in and adjacent to the onsite surface impoundment.

On October 26, 2012, Quest submitted a report titled *Workplan For Additional Site Assessment Work Plan*, which proposed to install four (4) groundwater monitoring wells, collect

representative soil and groundwater samples from the wells, and collect soil/sludge and scale samples at the site. The workplan was subsequently approved by the ACEH in a letter dated November 20, 2012.

On January 23, 2013, Quest submitted a report titled *Workplan Addenda*, which proposed to complete fourteen (14) soil probes, and collect representative soil samples from the beneath the building foundation at the site. The workplan was subsequently approved by the ACEH in an email dated January 24, 2013.

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 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, which could be used 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 SURFACE IMPOUNDMENT REMOVAL AND CONFIRMATION SAMPLING

On December 12, 2012, GEMS Environmental Services, Inc. of Concord, California completed the excavation and off-haul of PHC impacted soil under manifest to an appropriate disposal facility. The area of excavation was limited to the southern edge of the surface impoundment and south adjacent exterior soils. The surface impoundment on this day was inundated with rainwater and therefore soils underneath the surface impoundment could not be adequately excavated or sampled without causing further impacts. With the consultation of ACEH, it was decided to wait till further in the season before continuing with excavation of the surface impoundment to allow the rainwater to evaporate. A total of approximately 7 cubic yards (yd^3) of PHC impacted soil was transported under Non-Hazardous Special Waste & Asbestos Manifest to Republic Services Vasco Road Landfill in Livermore, California. The soil was manifested off-site along with soils from the primary remedial excavation under the former evaporator area. During remedial excavation activities, in place soils at the base of the excavation were field screened, for odor, unusual staining, and a headspace analysis was conducted using a photo-ionization detector (PID) to detect the presence of volatile organic compounds (VOC's). Soil excavation continued until screening evidence indicated that PHC impacted soil had been removed from the base of the excavation.

On December 12, 2012, two (2) soil samples were collected from locations adjacent to the former surface impoundment at the Site (Figure 2). The samples were collected by hand augering a hole to the sample depth (approximately 6 inches below grade, into native soil). Then a clean stainless-steel tube was driven 6 inches into the soil with an impact sampler to retain a discrete sample at each sample location. Once each sample was collected, each sleeve was sealed with tight-fitting plastic caps. The soil samples were collected, labeled, and transported under appropriate chain-of-custody. Soil samples collected for chemical characterization were transported to MAI for chemical analysis.

From August 7 and 8, 2013, Vaca Valley Excavation and Trucking, Inc. of Vacaville, California completed the excavation and off-haul of general debris, dry sludge, and excavated soil under manifest to an appropriate disposal facility (Figure 3). A total of 38.8 tons of general debris, and 53.91 tons of dry sludge/soil were transported under Non-Hazardous Special Waste & Asbestos Manifest to Recology Hay Road Landfill in Vacaville, California. Copies of the waste manifests are presented in Appendix A. During remedial excavation activities, in place soils at the base of the excavation were field screened, for odor, unusual staining, and a headspace analysis was conducted using a PID to detect the presence of VOC's. Soil excavation continued until screening evidence indicated that PHC impacted soil had been removed from the base of the excavation.

On August 8, 2013, soil samples were collected from ten (10) locations within the former surface impoundment at the Site (Figure 2). The samples were collected by hand augering a hole to the sample depth (approximately 6 inches below grade, into native soil). Then a clean stainless-steel tube was driven 6 inches into the soil with an impact sampler to retain a discrete sample at each sample location. Once each sample was collected, each sleeve was sealed with tight-fitting plastic caps. The soil samples were collected, labeled, and transported under appropriate chain-of-custody. Soil samples collected for chemical characterization were transported to MAI for chemical analysis.

2.1.1 Soil Sampling Activities

The samples were collected by hand augering a hole to the sample depth (approximately 6 inches below grade, in to native soil). Then a clean stainless-steel tube was driven 6 inches into the soil with an impact sampler to retain a discrete sample at each sample location. Once each sample was collected, each sleeve was sealed with tight-fitting plastic caps. The soil samples were collected, labeled, and transported under appropriate chain-of-custody. Soil samples collected for chemical characterization were transported to MAI for chemical analysis.

2.2 Analytical Testing Program

Soil samples were collected and preserved in the field for transport to an analytical laboratory. The sample containers were labeled, 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 Tables 1 and 2, and on the certified analytical reports in Appendix B.

2.2.1 Sample Analysis Protocols

The soil samples collected were analyzed for:

- Total Petroleum Hydrocarbons as Diesel (TPH-D), and as Motor Oil (TPH-MO), and as Gasoline (TPH-G) using U.S. EPA Method 8015M;
- VOC's using U.S. EPA Method 8260;
- Semi-Volatile Organic Compounds (SVOC's) using U.S. EPA Method 8270;
- LUFT 5 Metals using US EPA Method SW6020 (soil samples LSI.01 & LSI.02);
- CAM-17 Metals using US EPA Method SW6020 (soil samples SI.A01 through SI.C04).

3 FINDINGS

3.1 SOIL SAMPLE ANALYTICAL RESULTS

A total of twelve (12) soil samples were collected from the surface impoundment, and analyzed for key COC's. The analytical results of the samples submitted are summarized in Tables 1 and 2, and on certified analytical reports in Appendix B. The following is a summary of COC's detected in the soil samples:

- Antimony was detected in ten (10) soil samples at concentrations ranging from 0.54 mg/Kg to 1.6 mg/Kg;
- Arsenic was detected in ten (10) soil samples at concentrations ranging from 6.4 mg/Kg to 33 mg/Kg;
- Barium was detected in ten (10) soil samples at concentrations ranging from 46 mg/Kg to 260 mg/Kg;
- Chromium was detected in twelve (12) soil samples at concentrations ranging from 27 mg/Kg to 44 mg/Kg;
- Cobalt was detected in ten (10) soil samples at concentrations ranging from 8.0 mg/Kg to 11 mg/Kg;
- Copper was detected in ten (10) soil samples at concentrations ranging from 17 mg/Kg to 29 mg/Kg;
- Lead was detected in twelve (12) soil samples at concentrations ranging from 6.1 mg/Kg to 8.6 mg/Kg;
- Molybdenum was detected in one (1) soil sample at concentrations of 4.7 mg/Kg;
- Nickel was detected in twelve (12) soil samples at concentrations ranging from 20 mg/Kg to 34 mg/Kg;
- Vanadium was detected in ten (10) soil samples at concentrations ranging from 49 mg/Kg to 63 mg/Kg;
- Zinc was detected in twelve (12) soil samples at concentrations ranging from 42 mg/Kg to 62 mg/Kg; and
- No other key COC's were identified at or above their respective detection limit.

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 with current State and Federal guidelines for subsurface soils and groundwater.

4.1 REGULATORY EVALUATION

California Regional Water Quality Control Board, San Francisco Bay Region - ESL's

In May 2008 the staff of the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) prepared a technical document entitled Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (Interim Final – November 2007) [SFRWQCB, 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 SFRWQCB (SFRWQCB, 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:

SFRWQCB ESL

Soil depths encountered at the Site were found to be less than 3 meters (9.8 feet) bgs. Tables A and B of SFRWQCB (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 COC's:

- Antimony: No (0) soil samples were found to exceed the ESL for water that is December 20, 2013 considered or is a potential source of drinking water for residential (6.3 mg/Kg) or commercial/industrial land uses (40 mg/Kg);
- Arsenic: Ten (10) soil samples were found to exceed the ESL for water that is considered or is a potential source of drinking water for residential (0.39 mg/Kg) or commercial/industrial land uses (1.6 mg/Kg). No (0) soil samples were found to exceed the regional background concentration of 20 mg/Kg;
- Barium: No (0) soil samples were found to exceed the ESL for water that is December 20, 2013 considered or is a potential source of drinking water for residential (750 mg/Kg) or commercial/industrial land uses (1,500 mg/Kg);
- Chromium: No (0) soil samples were found to exceed the ESL for water that is December 20, 2013 considered or is a potential source of drinking water for residential (1,000 mg/Kg) or commercial/industrial land uses (2,500 mg/Kg);

- Cobalt: No (0) soil samples were found to exceed the ESL for water that is December 20, 2013 considered or is a potential source of drinking water for residential (40 mg/Kg) or commercial/industrial land uses (80 mg/Kg);
- Copper: No (0) soil samples were found to exceed the ESL for water that is December 20, 2013 considered or is a potential source of drinking water (230 mg/Kg) for residential or commercial/industrial land uses;
- Lead: No (0) soil samples were found to exceed the ESL for water that is December 20, 2013 considered or is a potential source of drinking water for residential (250 mg/Kg) or commercial/industrial land uses (750 mg/Kg);
- Molybdenum: No (0) soil samples were found to exceed the ESL for water that is December 20, 2013 considered or is a potential source of drinking water (40 mg/Kg) for residential or commercial/industrial land uses;
- Nickel: No (0) soil samples were found to exceed the ESL for water that is December 20, 2013 considered or is a potential source of drinking water (150 mg/Kg) for residential or commercial/industrial land uses;
- Vanadium: Twelve (12) soil samples were found to exceed the ESL for water that is considered or is a potential source of drinking water for residential (16 mg/Kg). No (0) soil samples were found to exceed the ESL for water that is considered or is a potential source of drinking water for commercial/industrial land uses (200 mg/Kg). No (0) soil samples were found to exceed the regional background concentration of 90 mg/Kg;
- Zinc: No (0) soil samples were found to exceed the ESL for water that is December 20, 2013 considered or is a potential source of drinking water (600 mg/Kg) for residential or commercial/industrial land uses; and
- No other key COC's were identified as exceeding their respective ESL.

Discussion

Based on the evaluation above, arsenic and vanadium were the only analytes found to exceed the residential land use ESL's. Arsenic was the only analyte found to exceed the commercial/industrial land use ESL for water that is considered or is a potential source of drinking water. No metal was found to exceed their respective regional background concentration.

.

5 CONCLUSIONS

5.1 SURFACE IMPOUNDMENT SOIL CONDITIONS

Arsenic was the only analyte found to exceed the commercial/industrial land use ESL for water that is considered or is a potential source of drinking water, but did not exceed published regional background concentrations. No PHC's were identified in the clearance soil samples analyzed. Based on a review of the analytical results and the Site conditions encountered, no further impacts in the area of the surface impoundment exist. Therefore, No Further Action appears warranted.

6 RECOMMENDATIONS

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

- ❑ Based on the conclusions of this report, a No Further Action (NFA) directive should be issued by the ACEH; and
- ❑ A copy of this report should be forwarded to ACEH for their review and action.

7 REFERENCES

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EDR, 2008, EDR Radius Map with GeoCheck®: Consultants Report, Environmental Data Resources, Inc., Milford, Connecticut, April 23, 2008, 63 p.

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Quest GSM, 2012, Site Assessment Workplan: Consultants Report, Quest GeoSystems Management, Rancho Cordova, California, April 10, 2012, 60 p.

Quest GSM, 2011, Soil Sampling and Analysis Report: Consultants Report, Quest GeoSystems Management, Rancho Cordova, California, July 29, 2011, 55 p.

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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)	TAME (mg/kg)	Benzene (mg/kg)	MEK (mg/kg)	TBA (mg/kg)	Carbon Disulfide (mg/kg)
LSI.01	12/12/12	1.5	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.02	ND<0.05	ND<0.005
LSI.02	12/12/12	1.5	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.02	ND<0.05	ND<0.005
SI.A01	08/08/13	0.5	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.02	ND<0.05	ND<0.005
SI.A02	08/08/13	0.5	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.02	ND<0.05	ND<0.005
SI.A03	08/08/13	0.5	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.02	ND<0.05	ND<0.005
SI.B01	08/08/13	0.5	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.02	ND<0.05	ND<0.005
SI.B02	08/08/13	0.5	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.02	ND<0.05	ND<0.005
SI.B03	08/08/13	0.5	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.02	ND<0.05	ND<0.005
SI.C01	08/08/13	0.5	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.02	ND<0.05	ND<0.005
SI.C02	08/08/13	0.5	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.02	ND<0.05	ND<0.005
SI.C03	08/08/13	0.5	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.02	ND<0.05	ND<0.005
SI.C04	08/08/13	0.5	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.02	ND<0.05	ND<0.005
ESL Drinking Water Resources (Residential)			83	83	370	0.5	---	0.044	3.9	0.075	
ESL Non-Drinking Water Resources (Residential)			100	100	370	0.5	---	0.12	13	100	
ESL Drinking Water Resources (Commercial/Industrial)			83	83	2,500	0.5	---	0.044	3.9	0.075	
ESL Drinking Water Resources (Commercial/Industrial)			180	180	2,500	0.5	---	0.270	13	110	

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
- MEK = Methyl Ethyl Ketone
- TBA = t-Butyl Alcohol
- 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								
			DIPE (mg/kg)	Ethyl-Benzene (mg/kg)	ETBE (mg/kg)	2-Hexanone (mg/kg)	Isopropyl Benzene (mg/kg)	4-Isopropyl Toluene (mg/kg)	MTBE (mg/kg)	Methylene Chloride (mg/kg)	MIBK (mg/kg)
LSI.01	12/12/12	1.5	ND>0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
LSI.02	12/12/12	1.5	ND>0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SI.A01	08/08/13	0.5	ND>0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SI.A02	08/08/13	0.5	ND>0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SI.A03	08/08/13	0.5	ND>0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SI.B01	08/08/13	0.5	ND>0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SI.B02	08/08/13	0.5	ND>0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SI.B03	08/08/13	0.5	ND>0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SI.C01	08/08/13	0.5	ND>0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SI.C02	08/08/13	0.5	ND>0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SI.C03	08/08/13	0.5	ND>0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SI.C03	08/08/13	0.5	ND>0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
ESL Drinking Water Resources (Residential)			---	2.3	---	---	---	---	0.023	---	2.8
ESL Non-Drinking Water Resources (Residential)			---	2.3	---	---	---	---	8.4	---	3.9
ESL Drinking Water Resources (Commercial/Industrial)			---	3.3	---	---	---	---	8.4	---	2.8
ESL Drinking Water Resources (Commercial/Industrial)			---	4.7	---	---	---	---	8.4	---	3.9

Notes:
- (mg/Kg) = Milligrams per Kilogram
- --- = Not applicable
- ND<0.5 = Not detected at or above representative detection limit
- DIPE = Total Petroleum Hydrocarbons as Gasoline
- ETBE = Ethyl tert-butyl ether
- MTBE = Methyl tert-butyl ether
- MIBK = Methyl isobutyl ketone
- J = Analyte detected below quantitation limits
- ESL = Environmental Screening Levels (RWQCB, 2008), Table A (Drinking Water Resource), Table B (Non-Drinking Water Resource)

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

SAMPLE ID	DATE SAMPLED	SAMPLE DEPTH (feet BSG)	ANALYTES							
			8260B					8270		
			Naphthalene (mg/kg)	Toluene (mg/kg)	1,2,4-Trimethyl-Benzene (mg/kg)	1,3,5-Trimethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)	Benzoic Acid (mg/kg)	Naphthalene (mg/kg)	Phenol (mg/kg)
LSI.01	12/12/12	1.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.13	ND<0.12
LSI.02	12/12/12	1.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.13	ND<0.12
SI.A01	08/08/13	0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.13	ND<0.12
SI.A02	08/08/13	0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.13	ND<0.12
SI.A03	08/08/13	0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.13	ND<0.12
SI.B01	08/08/13	0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.13	ND<0.12
SI.B02	08/08/13	0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.13	ND<0.12
SI.B03	08/08/13	0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.13	ND<0.12
SI.C01	08/08/13	0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.13	ND<0.12
SI.C02	08/08/13	0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.13	ND<0.12
SI.C03	08/08/13	0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.13	ND<0.12
SI.C03	08/08/13	0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1.0	ND<0.13	ND<0.12
ESL Drinking Water Resources (Residential)			1.3	2.9	---	---	2.3	---	1.3	0.076
ESL Non-Drinking Water Resources (Residential)			1.3	9.3	---	---	11	---	1.3	3.9
ESL Drinking Water Resources (Commercial/Industrial)			2.8	2.9	---	---	2.3	---	2.8	0.076
ESL Drinking Water Resources (Commercial/Industrial)			2.8	9.3	---	---	11.0	---	2.8	3.9

Notes:

(mg/Kg)	= Milligrams per Kilogram
---	= Not applicable
ND<0.5	= Not detected at or above representative detection limit
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 Method SW6020

ANALYTE	SAMPLE ID						STLC Trigger (mg/kg)	STLC Limit (mg/L)	TCLP Trigger (mg/kg)	TCLP Limit (mg/L)	TTLC Limit (mg/kg)	R2 ESL (mg/kg)		Regional Background* (mg/kg)
	LSI.01	LSI.02	SI.A01	SI.A02	SI.A03	SI.B01						Residential Land Use	Commercial/ Industrial Land Use	
	12/12/12	12/12/12	08/08/13	08/08/13	08/08/13	08/08/13								
Antinomy	---	---	**0.60**	**0.64**	**0.62**	**0.64**	150	15	300	15	500	6.3	40	22
Arsenic	---	---	**7.7**	**7.9**	**7.5**	**8.4**	50	5.0	100	5.0	500	**0.39**	**1.6**	20
Barium	---	---	**210**	**260**	**150**	**49**	1,000	100	2,000	100	10,000	750	1,500	410
Beryllium	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	7.5	0.75	15	0.75	75	4.0	6.0	3.2
Cadmium	ND<1.5	ND<1.5	ND<0.25	ND<0.25	ND<0.25	ND<0.25	10	1.0	20	1.0	100	1.7	7.4	14
Chromium	**30**	**29**	**31**	**32**	**37**	**44**	50	5.0	100	5.0	500	1,000	2,500	170
Cobalt	---	---	**9.2**	**11**	**10**	**9.9**	800	80	1,600	80	8,000	40	80	25
Copper	---	---	**20**	**22**	**23**	**21**	250	25	500	25	2,500	230	230	67
Lead	**8.6**	**6.8**	**6.8**	**7.3**	**7.6**	**7.1**	50	5.0	100	5.0	1,000	200	750	54
Mercury	---	---	ND<0.05	ND<0.05	ND<0.05	ND<0.05	2.0	0.2	4	0.2	20	1.3	10	1.3
Molybdenum	---	---	ND<0.5	ND<0.5	**4.7**	ND<0.5	3,500	350	7,000	350	3,500	40	40	4.8
Nickel	**21**	**20**	**28**	**34**	**33**	**30**	200	20	400	20	2,000	150	150	145
Selenium	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	10	1.0	20	1.0	100	10	10	4.9
Silver	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	50	5.0	100	5.0	500	20	40	4.8
Thallium	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	70	7.0	140	7.0	700	1.3	16	3.8
Vanadium	---	---	**54**	**60**	**60**	**62**	240	24	480	24	2,400	**16**	200	90
Zinc	**42**	**42**	**51**	**55**	**60**	**57**	2,500	250	5,000	250	5,000	600	600	120

ANALYTE	SAMPLE ID						STLC Trigger (mg/kg)	STLC Limit (mg/L)	TCLP Trigger (mg/kg)	TCLP Limit (mg/L)	TTLC Limit (mg/kg)	R2 ESL (mg/kg)		Regional Background* (mg/kg)
	SI.B02	SI.B03	SI.C01	SI.C02	SI.C03	SI.C04						Residential Land Use	Commercial/ Industrial Land Use	
	08/08/13	08/08/13	08/08/13	08/08/13	08/08/13	08/08/13								
Antinomy	**0.54**	**0.55**	**0.57**	**1.6**	**0.58**	**0.58**	150	15	300	15	500	6.3	40	22
Arsenic	**6.4**	**6.8**	**7.3**	**33**	**6.7**	**6.5**	50	5.0	100	5.0	500	**0.39**	**1.6**	**20**
Barium	**180**	**120**	**46**	**81**	**72**	**78**	1,000	100	2,000	100	10,000	750	1,500	410
Beryllium	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	7.5	0.75	15	0.75	75	4.0	6.0	3.2
Cadmium	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	10	1.0	20	1.0	100	1.7	7.4	14
Chromium	**27**	**31**	**28**	**33**	**31**	**31**	50	5.0	100	5.0	500	1,000	2,500	170
Cobalt	**8.9**	**8.0**	**9.2**	**9.8**	**9.1**	**9.4**	800	80	1,600	80	8,000	40	80	25
Copper	**17**	**21**	**29**	**20**	**22**	**20**	250	25	500	25	2,500	230	230	67
Lead	**6.1**	**6.7**	**6.2**	**7.3**	**7.0**	**6.4**	50	5.0	100	5.0	1,000	200	750	54
Mercury	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	2.0	0.2	4	0.2	20	1.3	10	1.3
Molybdenum	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3,500	350	7,000	350	3,500	40	40	4.8
Nickel	**26**	**27**	**24**	**31**	**28**	**29**	200	20	400	20	2,000	150	150	145
Selenium	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	10	1.0	20	1.0	100	10	10	4.9
Silver	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	50	5.0	100	5.0	500	20	40	4.8
Thallium	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	70	7.0	140	7.0	700	1.3	16	3.8
Vanadium	**49**	**55**	**52**	**63**	**53**	**53**	240	24	480	24	2,400	**16**	200	90
Zinc	**46**	**54**	**47**	**53**	**50**	**53**	2,500	250	5,000	250	5,000	600	600	120

NOTES:

mg/kg = Milligram per Kilogram

mg/L = Milligram per Liter

***** = Background Metals Concentrations in Soil in Northern Santa Clara County (Scott, 1995).

R2 ESL = San Francisco Bay Regional Water Quality Control Board (RWQCB, 2008), Environmental Screening Levels; Residential Land Use, Shallow Soil, Drinking Water Resource

QUEST GEOSYSTEMS MANAGEMENT, INC. • 11275 Sunrise Gold Circle - Suite R, Rancho Cordova, California 95742-6561
OFFICE (925) 756-1210 • FAX (925) 756-1227 • E-mail: info@questgsm.com • Internet: www.questgsm.com/

FIGURES

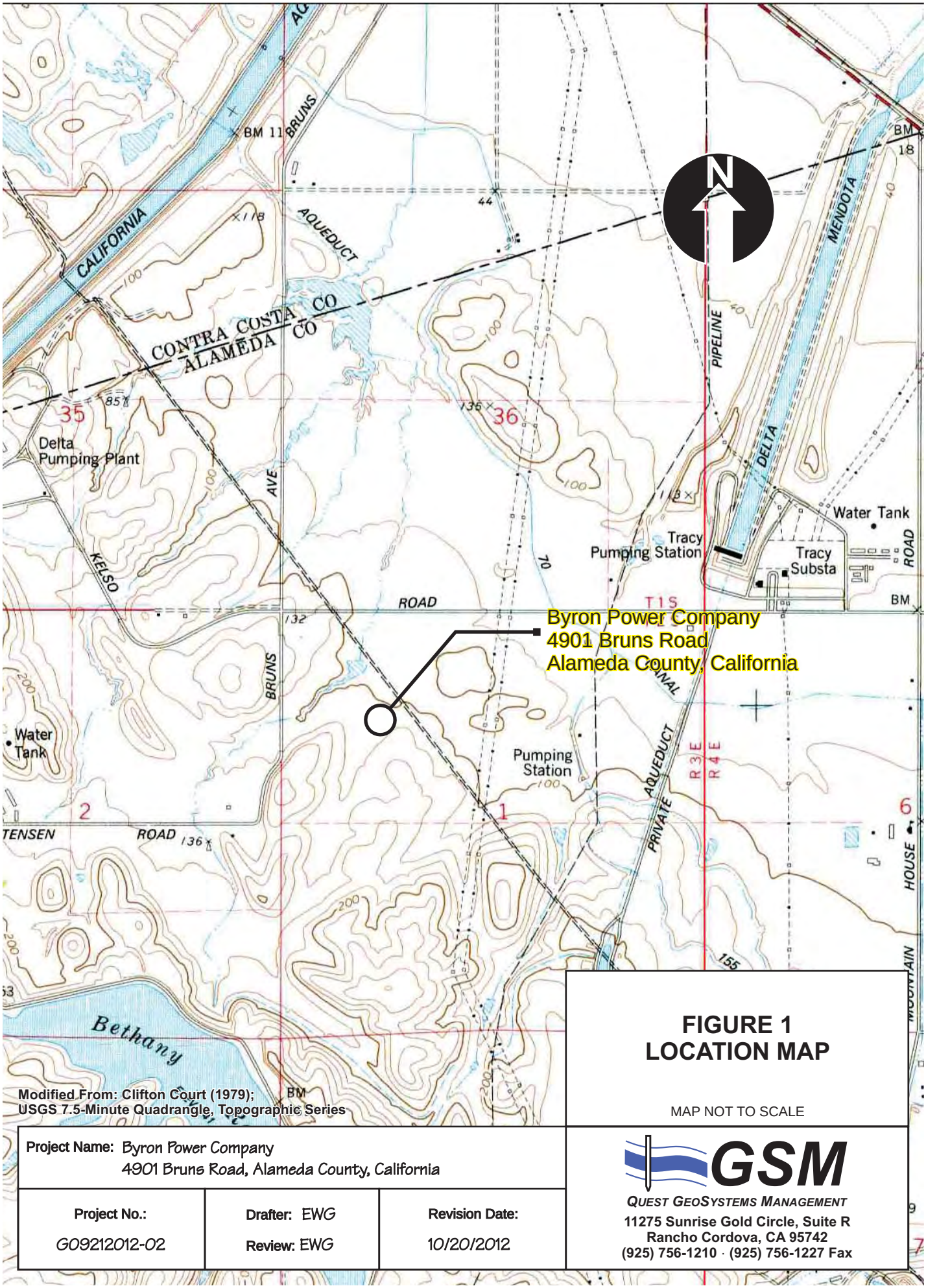

FIGURE 1
LOCATION MAP

MAP NOT TO SCALE

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

Project Name: Byron Power Company 4901 Bruns Road, Alameda County, California		
Project No.: G09212012-02	**Drafter:** EWG **Review:** EWG	**Revision Date:** 10/20/2012

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 SURFACE IMPOUNDMENT SPILL SAMPLE LOCATIONS

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

Project No.:	Drafter: EWG	Revision Date:
G07162013-02	Review: EWG	12/14/2013

GSM
QUEST GEOSYSTEMS MANAGEMENT, INC.
11275 Sunrise Gold Circle, Suite R
Rancho Cordova, CA 95742
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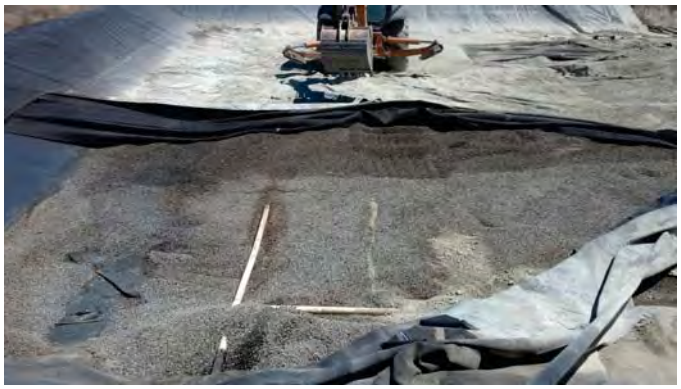
Photograph 1: Surface Impoundment Prior to Remedial Excavation Activities (View to the northeast).

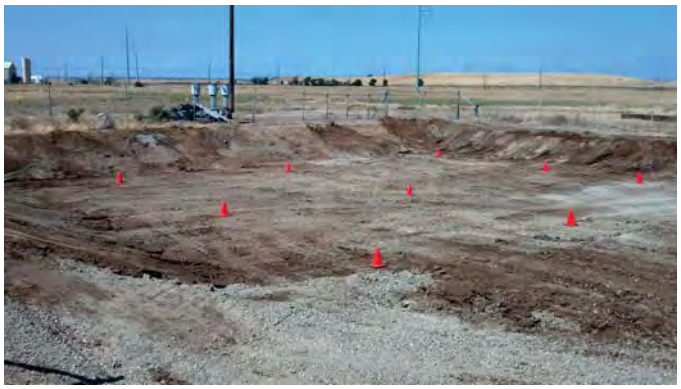
Photograph 2: Removal of Dry Sludge Above Primary Liner (View to the northeast).

Photograph 3: Removal of Dry Sludge Above Primary Liner (View to the northeast).



Photograph 4: Exposing Lysimeter in Base Gravel Separating Primary and Secondary Liners (View to the North).

Photograph 5: Exposed Native Soil Beneath Secondary Liner (View to the northeast).



Photograph 6: Surface Impoundment Removed Exposing Native Soil. Cones Denote Soil Sample Locations (View to the northeast).

Project Name: Byron Power Company 4901 Bruns Road, Alameda County, California		**FIGURE 3**	GSM QUEST GEOSYSTEMS MANAGEMENT, INC. 11275 Sunrise Gold Circle, Suite R Rancho Cordova, CA 95742 (925) 756-1210 · (925) 756-1227 Fax
Project No.: G07162013-02	**Drafter:** EWG **Review:** EWG	**Revision Date:** 12/12/2013	

APPENDIX A
WASTE MANIFESTS

SERVICE LOCATION: 6426 HAY ROAD
DAYS OF SERVICE: M------

KEEP THIS PORTION FOR YOUR RECORDS
BILLING QUESTIONS CALL: 800-208-2370

Billing No. 00807503 Account No. 48702

DATE	DESCRIPTION OF BILLING CHARGES	AMOUNT
8/02/2013	[redacted]	[redacted]
8/07/2013	1235216 GEND 10.12 TON	500.94
8/08/2013	1235351 GEND 9.38 TON	464.31
8/08/2013	1235497 GEND 19.32 TON	956.34
8/08/2013	1235531 SOILV 24.47 TON	367.05
8/13/2013	1236736 SOILV 14.47 TON	217.05
8/13/2013	1236738 SOILV 14.97 TON	224.55
8/08/2013	* HRL ANALY FEE J# 5840 BYRON P.	200.00
[redacted]	[redacted]	[redacted]

$2,937.50

1350

clear

*** PLEASE MAKE CHECKS PAYABLE TO: ***
RECOLOGY HAY ROAD
*** REMITTANCE ADDRESS IS: ***
RECOLOGY HAY ROAD
C/O RECOLOGY ENV. SOLUTIONS INC.

1350

RECOLOGY HAY ROAD
RECOLOGY HAY ROAD
6426 Hay Road Vacaville, CA 95687
Phone: (707)-678-4718
Truck: 2962
Customer: 48702/VACA VALLEY EXCAVA

Ticket: 1235216
Date: 8/7/2013
Time: 15:57:49 - 15:58:02

Gross: 52440 LBS Scale
Tare: 32200 LBS PreTare
Net: 20240 LBS
Scale: H1

Origin	Materials & Services	Quantity	Rate	Amount
SYRON/Tyron	GEND/General Debris	10.12 @	$49.50 per Ton	$500.94

10.12 tons

Trash

Total Amount: $500.94

Terri Wilson

WMSTR4-LO 9/09 Printed on recycled paper

1350

[illegible]

Ticket: 1235351
Date: [illegible]
Time: [illegible]

Gross: [illegible] LBS [illegible]
Tare: [illegible] LBS [illegible]
Net: [illegible] LBS
Scale: H1

Origin	Materials & Services	Quantity	Rate	Amount
[illegible]	GEND/General Debris	9.38 @	$49.50 per Ton	[illegible]

9.38 tons

Total Amount: [illegible]

Terri Wilson

WMSTR4-LO 9/09 Printed on recycled paper

Byron

1360

Ticket: 1235497

19.32 tons

WMSTR4-LO 9/09 Printed on recycled paper

1350

Ticket: 1235531

24.47 tons

WMSTR4-LO 9/09 Printed on recycled paper

RECOLOGY HAY ROAD
RECOLOGY HAY ROAD
6426 Hay Road Vacaville, CA 95687
Phone: (707)-678-4718
Truck: 2962
Customer: 48702/VACA VALLEY EXCAVA

Ticket: 1236736
Date: 8/13/2013
Time: 07:53:49 - 08:19:47

1350

Gross: 61140 LBS Scale
Tare: 32200 LBS Manual
Net: 28940 LBS
Scale: H1

Profile: 5440/Byron Power Company, 490

Origin	Materials & Services	Quantity	Rate	Amount
CCOCO/Contra Costa Coun	SOILV/VOC Soil	14.47	@ $15.00 per Ton	$217.05

14.47 tons

Total Amount: $217.05

Terri Wilson

WMSTR4-LO 9/09 Printed on recycled paper

RECEIVED
AUG 19 2013
VACA VALLEY [illegible]

RECOLOGY HAY ROAD
RECOLOGY HAY ROAD
[illegible] Hay Road Vacaville, CA [illegible]
Phone: (707)-678-4718
Truck: [illegible]
Customer: 48702/VACA VALLEY EXCAVA

Ticket: 1236738
Date: [illegible]
Time: [illegible]

Gross: [illegible] LBS Scale
Tare: [illegible] LBS Manual
Net: [illegible] LBS
Scale: [illegible]

Profile: 5440/Byron Power Company, 490

Origin	Materials & Services	Quantity	Rate	Amount
[illegible]/Contra Costa Coun	SOILV/VOC Soil	14.97	@ $15.00 per Ton	[illegible]

14.97 tons

Total Amount: [illegible]

Terri Wilson

WMSTR4-LO 9/09 Printed on recycled paper

Job 5840

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT APPLICABLE			155677

GENERATOR

5. Generator's Name and Mailing Address: Vaca Valley Excavating

Generator's Site Address (if different than mailing address): 2021 Monte Vista Vacaville

Generator's Phone:

6. Transporter 1 Company Name: Vaca Valley Excavating Trucking — U.S. EPA ID Number: NOT APPLICABLE

7. Transporter 2 Company Name — U.S. EPA ID Number: NOT APPLICABLE

8. Designated Facility Name and Site Address: RECOLOGY HAY ROAD, 6426 HAY ROAD - VACAVILLE, CA 95687 — U.S. EPA ID Number: NOT APPLICABLE

Facility's Phone: (707) 678-4718

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	C - Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Paul Schmaltz — Signature: Paul Schmaltz — Month: 8 Day: 8 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Vaca Valley Excavating — Signature: Paul Schmaltz — Month: 8 Day: 8 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: SL — Signature: SL — Month: 8 Day: 8 Year: 13

(2962)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT APPLICABLE			155678

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

DUMP-CODE-5840

Generator's Phone: 925-323-7498

6. Transporter 1 Company Name

VALLEY TRUCKING 209-453-1812

U.S. EPA ID Number: NOT APPLICABLE

7. Transporter 2 Company Name

U.S. EPA ID Number: NOT APPLICABLE

8. Designated Facility Name and Site Address

RECOLOGY HAY ROAD
6426 HAY ROAD - VACAVILLE, CA 95687

U.S. EPA ID Number: NOT APPLICABLE

Facility's Phone: (707) 678-4718

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS DIRT					
2.						
3.						
4.						

925-323-7498

13. Special Handling Instructions and Additional Information

BRUN

5840-DUMP

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Tim Kelly	Tim Kelly	8	13	13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
TIM KELLY	Tim Kelly	8	13	13
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month	Day	Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Terri Wa		8	13	13

52320 Job 5840

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT APPLICABLE			155679

GENERATOR

5. Generator's Name and Mailing Address: Vaca Valley-Trucking

Generator's Site Address (if different than mailing address): 2201 monte vista Vaca

Generator's Phone:

6. Transporter 1 Company Name: Vaca Valley Excavating-Trucking — U.S. EPA ID Number: NOT APPLICABLE

7. Transporter 2 Company Name — U.S. EPA ID Number: NOT APPLICABLE

8. Designated Facility Name and Site Address: RECOLOGY HAY ROAD, 6426 HAY ROAD - VACAVILLE, CA 95687 — U.S. EPA ID Number: NOT APPLICABLE

Facility's Phone: (707) 678-4718

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	C-Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Paul Schmaltmann — Signature: Paul Schmalt — Month: 8 — Day: 13 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit:

Transporter Signature (for exports only): — Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Paul Schmaltmann — Signature: Paul Schmalt — Month: 8 — Day: 13 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Tom Wilson — Signature — Month: 8 — Day: 13 — Year: 13

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: #G09212012-03; Byron Power Company	Date Sampled: 12/12/12
		Date Received: 12/12/12
	Client Contact: Eric Garcia	Date Reported: 12/18/12
	Client P.O.:	Date Completed: 12/17/12

WorkOrder: 1212340

January 04, 2013

Dear Eric:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#G09212012-03; 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.

GSM

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

CHAIN OF CUSTODY RECORD

1212340

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: G09212012-03
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	[redacted] 8270 SVOC's	LUFT 5	CAM17	% Moisture	RCI (Reactivity, Corrosivity, Ignitability)	Asbestos (CARB/PLM)	COMMENTS
Lsi.01		12/12/12	1330	1	SS		X				X				X	X	X	X					
Lsi.02		12/12/12	1335	1	SS		X				X				X	X	X	X					
[redacted]				1	SS		X				X				X	X	X	X					
[redacted]				1	SS		X				X				X	X	X	X					
[redacted]				1	SS		X				X				X	X	X	X					
[redacted]				2	VOA		X				X	X											

Remarks: 10 D

Relinquished By: Date: 12/12/12 Time: 1750 Received By:
Relinquished By: Date: Time: Received By:

ICE/T _____
GOOD CONDITION _____ APPROPRIATE
HEAD SPACE ABSENT _____ CONTAINERS _____
DECHLORINATED IN LAB _____ PRESERVED IN LAB _____
PRESERVATION VOAS | O&G | METALS | OTHER

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1212340 **ClientCode: QGSM**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ 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: #G09212012-03; Bryon Power Company

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

Requested TAT: **5 days**

Date Received: **12/12/2012**
Date Printed: **12/12/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1212340-001	Lsi.01	Soil	12/12/2012 13:30	☐	A	A	A	A	A							
1212340-002	Lsi.02	Soil	12/12/2012 13:35	☐	A	A	A	A								

Test Legend:

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

The following SampIDs: 001A, 002A 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.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **Quest GeoSystems Management** Date and Time Received: **12/12/2012 6:28:29 PM**

Project Name: **#G09212012-03; Bryon Power Company** LogIn Reviewed by: Zoraida Cortez

WorkOrder N°: **1212340** Matrix: Soil 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: 6°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: #G09212012-03; Byron Power Company	Date Sampled: 12/12/12
		Date Received: 12/12/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 12/12/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 12/13/12

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1212340

Lab ID	1212340-001A
Client ID	Lsi.01
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:	104	%SS2:	109
%SS3:	89		

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: #G09212012-03; Byron Power Company	Date Sampled: 12/12/12
		Date Received: 12/12/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 12/12/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 12/13/12

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1212340

Lab ID	1212340-002A
Client ID	Lsi.02
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:	102	%SS2:	108
%SS3:	90		

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: #G09212012-03; Byron Power Company	Date Sampled: 12/12/12
		Date Received: 12/12/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 12/13/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 12/15/12

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

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1212340

Lab ID	1212340-001A
Client ID	Lsi.01
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:	76	%SS2:	69
%SS3:	59	%SS4:	60
%SS5:	36	%SS6:	68

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.

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Quest GeoSystems Management	Client Project ID: #G09212012-03; Byron Power Company	Date Sampled: 12/12/12
		Date Received: 12/12/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 12/13/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 12/15/12

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

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1212340

Lab ID	1212340-002A
Client ID	Lsi.02
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:	92	%SS2:	82
%SS3:	74	%SS4:	72
%SS5:	42	%SS6:	82

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.

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Quest GeoSystems Management	Client Project ID: #G09212012-03; Byron Power Company	Date Sampled: 12/12/12
		Date Received: 12/12/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted 12/12/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed 12/13/12

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

Extraction method: SW5030B | Analytical methods: SW8015Bm | Work Order: 1212340

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	Lsi.01	S	ND	1	104	
002A	Lsi.02	S	ND	1	97	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	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:

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Quest GeoSystems Management	Client Project ID: #G09212012-03; Byron Power Company	Date Sampled: 12/12/12
		Date Received: 12/12/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 12/12/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 12/14/12

LUFT 5 Metals*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1212340

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS	Comments
001A	Lsi.01	S	TOTAL	ND	30	8.6	21	42	1	112	
002A	Lsi.02	S	TOTAL	ND	29	6.8	20	42	1	103	

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

DHS ELAP Certification 1644

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Quest GeoSystems Management	Client Project ID: #G09212012-03; Byron Power Company	Date Sampled: 12/12/12
		Date Received: 12/12/12
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 12/12/12
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 12/13/12-12/17/12

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550B Analytical methods: SW8015B Work Order: 1212340

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1212340-001A	Lsi.01	S	ND	ND	1	105	
1212340-002A	Lsi.02	S	ND	ND	1	104	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/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:

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 73214 | WorkOrder: 1212340

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1212340-002A**

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	72	70.3	2.42	73.8	56 - 94	30	70 - 130
Benzene	ND	0.050	84.5	82.2	2.79	88.8	60 - 106	30	70 - 130
t-Butyl alcohol (TBA)	ND	0.20	68.5	60.4	12.6	64.8, F2	56 - 140	30	70 - 130
Chlorobenzene	ND	0.050	83.7	83.8	0.100	89.2	61 - 108	30	70 - 130
1,2-Dibromoethane (EDB)	ND	0.050	76.4	80.2	4.83	84.6	54 - 119	30	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	0.050	85.8	82.4	4.08	89.3	48 - 115	30	70 - 130
1,1-Dichloroethene	ND	0.050	85.6	85.5	0.0936	93.7	46 - 111	30	70 - 130
Diisopropyl ether (DIPE)	ND	0.050	84.3	83.2	1.36	89.5	53 - 111	30	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	0.050	82.3	80.8	1.83	86	61 - 104	30	70 - 130
Methyl-t-butyl ether (MTBE)	ND	0.050	77.5	78.1	0.782	83.2	58 - 107	30	70 - 130
Toluene	ND	0.050	84.8	89.4	5.27	95.7	64 - 114	30	70 - 130
Trichloroethene	ND	0.050	89.1	88.6	0.634	100	60 - 116	30	70 - 130
%SS1:	102	0.12	101	100	1.78	100	70 - 130	30	70 - 130
%SS2:	108	0.12	106	110	3.68	111	70 - 130	30	70 - 130
%SS3:	90	0.012	92	94	1.55	93	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

F2 = LCS recovery for this compound is outside of acceptance limits.

BATCH 73214 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1212340-001A	12/12/12 1:30 PM	12/12/12	12/13/12 12:23 AM	1212340-002A	12/12/12 1:35 PM	12/12/12	12/13/12 1:05 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 SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 73248 | WorkOrder: 1212340

EPA Method: SW8270C **Extraction: SW3550B** **Spiked Sample ID: 1212361-001A**

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	78.8	N/A	N/A	30 - 130
4-Chloro-3-methylphenol	ND<5	5	NR	NR	NR	72.3	N/A	N/A	30 - 130
2-Chlorophenol	ND<5	5	NR	NR	NR	77.4	N/A	N/A	30 - 130
1,4-Dichlorobenzene	ND<5	5	NR	NR	NR	67.6	N/A	N/A	30 - 130
2,4-Dinitrotoluene	ND<5	5	NR	NR	NR	69.8	N/A	N/A	30 - 130
4-Nitrophenol	ND<26	5	NR	NR	NR	65.5	N/A	N/A	30 - 130
N-Nitrosodi-n-propylamine	ND<5	5	NR	NR	NR	61.8	N/A	N/A	30 - 130
Pentachlorophenol	ND<26	5	NR	NR	NR	59.7	N/A	N/A	30 - 130
Phenol	ND<5	5	NR	NR	NR	68.6	N/A	N/A	30 - 130
Pyrene	ND<5	5	NR	NR	NR	75.7	N/A	N/A	30 - 130
1,2,4-Trichlorobenzene	ND<5	5	NR	NR	NR	70.2	N/A	N/A	30 - 130
%SS1:	94	5	NR	NR	NR	92	N/A	N/A	30 - 130
%SS2:	84	5	NR	NR	NR	86	N/A	N/A	30 - 130
%SS3:	65	5	NR	NR	NR	76	N/A	N/A	30 - 130
%SS4:	82	5	NR	NR	NR	77	N/A	N/A	30 - 130
%SS5:	---#	5	NR	NR	NR	62	N/A	N/A	30 - 130
%SS6:	66	5	NR	NR	NR	68	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 73248 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1212340-001A	12/12/12 1:30 PM	12/13/12	12/15/12 1:30 PM	1212340-002A	12/12/12 1:35 PM	12/13/12	12/15/12 1:04 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: 73097 | WorkOrder: 1212340

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1212254-004A**

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	103	94.5	8.14	102	70 - 130	20	80 - 120
MTBE	ND	0.10	85.9	85.1	0.927	83	70 - 130	20	80 - 120
Benzene	ND	0.10	98.9	95.5	3.56	95.6	70 - 130	20	80 - 120
Toluene	ND	0.10	98.5	94.3	4.39	94.9	70 - 130	20	80 - 120
Ethylbenzene	ND	0.10	99.9	95	5.12	95.5	70 - 130	20	80 - 120
Xylenes	ND	0.30	99.9	95.4	4.58	95.8	70 - 130	20	80 - 120
%SS:	106	0.10	90	92	2.81	92	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 73097 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1212340-001A	12/12/12 1:30 PM	12/12/12	12/13/12 8:35 PM	1212340-002A	12/12/12 1:35 PM	12/12/12	12/13/12 10:35 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 6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 73141 | WorkOrder: 1212340

EPA Method: SW6010B **Extraction: SW3050B** **Spiked Sample ID: 1212254-010A**

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	90.5	92.2	1.81	94.7	75 - 125	25	75 - 125
Chromium	47	50	87.3	92	2.52	97.4	75 - 125	25	75 - 125
Lead	ND	50	94.4	92.1	2.26	95.4	75 - 125	25	75 - 125
Nickel	25	50	88	92.7	3.40	98	75 - 125	25	75 - 125
Zinc	27	500	88.4	92.1	3.86	96.7	75 - 125	25	75 - 125
%SS:	94	500	92	102	9.68	108	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 73141 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1212340-001A	12/12/12 1:30 PM	12/12/12	12/14/12 6:20 PM	1212340-002A	12/12/12 1:35 PM	12/12/12	12/14/12 6:23 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 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 SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 73177 | WorkOrder: 1212340

EPA Method: SW8015B **Extraction: SW3550B** **Spiked Sample ID: 1212086-001A**

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)	1200	40	NR	NR	NR	101	N/A	N/A	70 - 130
%SS:	82	25	NR	NR	NR	96	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 73177 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1212340-001A	12/12/12 1:30 PM	12/12/12	12/17/12 10:07 PM	1212340-002A	12/12/12 1:35 PM	12/12/12	12/13/12 11:03 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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Analytical Report

Quest GeoSystems Management 11275 Sunrise Gold Cir., Ste. R Rancho Cordova, CA 95742	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
	Client Contact: Eric Garcia	Date Reported: 08/16/13
	Client P.O.:	Date Completed: 08/16/13

WorkOrder: 1308345

August 19, 2013

Dear Eric:

Enclosed within are:

1) The results of the **10** analyzed samples from your project: **G07162013-02; 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.

1308345

CHAIN OF CUSTODY RECORD

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

Project Name: Byron Power Company
Project Number: G07162013-02
Project Location: 4901 Bruns Road, Byron, California
Sampler Signature:

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

TURN AROUND TIME: RUSH ☐ 24 HOUR ☐ 48 HOUR ☐ 5 DAY ☒ OTHER: ☐
EDF Required? YES ☒ NO ☐

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 - 8270	CAM-17	COMMENTS
SI.A01	A01	080813	1427	1	SS		X				X				X	X	X	X	depth in ft
SI.A02	A02		1423	1	SS		X				X				X	X	X	X	
SI.A03	A03		1419	1	SS		X				X				X	X	X	X	
SI.B01	B01		1439	1	SS		X				X				X	X	X	X	
SI.B02	B02		1434	1	SS		X				X				X	X	X	X	
SI.B03	B03		1437	1	SS		X				X				X	X	X	X	
SI.C01	C01		1448	1	SS		X				X				X	X	X	X	
SI.C02	C02		1445	1	SS		X				X				X	X	X	X	
SI.C03	C03		1443	1	SS		X				X				X	X	X	X	
SI.C04	C04	↓	1440	1	SS		X				X				X	X	X	X	

Relinquished By:	Date:	Time:	Received By:
	8-9-13	1430	
	8-9-13	1700	

Remarks: 3.2
ICE/t°
GOOD CONDITION_____ APPROPRIATE
HEAD SPACE ABSENT_____ CONTAINERS_____
DECHLORINATED IN LAB_____ PRESERVED IN LAB_____

PRESERVATION	VOAS	O&G	METALS	OTHER

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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1308345 **ClientCode: QGSM**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ 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: G07162013-02; 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: **08/09/2013**
Date Printed: **08/09/2013**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1308345-001	SI.A01	Soil	8/8/2013 14:27	☐	A	A	A	A	A							
1308345-002	SI.A02	Soil	8/8/2013 14:23	☐	A	A	A	A								
1308345-003	SI.A03	Soil	8/8/2013 14:19	☐	A	A	A	A								
1308345-004	SI.B01	Soil	8/8/2013 14:30	☐	A	A	A	A								
1308345-005	SI.B02	Soil	8/8/2013 14:34	☐	A	A	A	A								
1308345-006	SI.B03	Soil	8/8/2013 14:37	☐	A	A	A	A								
1308345-007	SI.C01	Soil	8/8/2013 14:48	☐	A	A	A	A								
1308345-008	SI.C02	Soil	8/8/2013 14:45	☐	A	A	A	A								
1308345-009	SI.C03	Soil	8/8/2013 14:43	☐	A	A	A	A								
1308345-010	SI.C04	Soil	8/8/2013 14:40	☐	A	A	A	A								

Test Legend:

1	8260B_S	2	8270D_S	3	CAM17MS_S	4	G-MBTEX_S	5	PREDF REPORT
6		7		8		9		10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A 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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Sample Receipt Checklist

Client Name: **Quest GeoSystems Management**
Date and Time Received: **8/9/2013 5:43:29 PM**

Project Name: **G07162013-02; Byron Power Company**
LogIn Reviewed by: Zoraida Cortez

WorkOrder N°: **1308345** Matrix: Soil
Carrier: Tim Tatum (MAI Courier)

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: 3.2°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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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/14/13

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1308345

Lab ID	1308345-001A
Client ID	SI.A01
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:	107	%SS2:	103
%SS3:	109		

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: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/14/13

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1308345

Lab ID	1308345-002A
Client ID	SI.A02
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:	108	%SS2:	102
%SS3:	107		

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: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/14/13

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1308345

Lab ID	1308345-003A
Client ID	SI.A03
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:	108	%SS2:	103
%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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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/14/13

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1308345

Lab ID	1308345-004A
Client ID	SI.B01
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:	107	%SS2:	102
%SS3:	106		

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: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/14/13

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1308345

Lab ID	1308345-005A
Client ID	SI.B02
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:	108	%SS2:	102
%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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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/15/13

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1308345

Lab ID	1308345-006A
Client ID	SI.B03
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:	107	%SS2:	103
%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: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/15/13

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1308345

Lab ID	1308345-007A
Client ID	SI.C01
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:	109	%SS2:	102
%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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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/15/13

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1308345

Lab ID	1308345-008A
Client ID	SI.C02
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:	108	%SS2:	101
%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: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/15/13

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1308345

Lab ID	1308345-009A
Client ID	SI.C03
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:	107	%SS2:	103
%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: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/15/13

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1308345

Lab ID	1308345-010A
Client ID	SI.C04
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:	108	%SS2:	103
%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: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/13/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/13/13

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

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1308345

Lab ID	1308345-001A
Client ID	SI.A01
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	0.5	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:	92	%SS2:	87
%SS3:	81	%SS4:	77
%SS5:	66	%SS6:	81

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.

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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/13/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/13/13

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

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1308345

Lab ID	1308345-002A
Client ID	SI.A02
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	0.5	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:	99	%SS2:	92
%SS3:	88	%SS4:	83
%SS5:	73	%SS6:	84

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.

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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/13/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/13/13

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

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1308345

Lab ID	1308345-003A
Client ID	SI.A03
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	0.5	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:	85	%SS2:	80
%SS3:	77	%SS4:	72
%SS5:	65	%SS6:	75

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.

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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/13/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/13/13

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

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1308345

Lab ID	1308345-004A
Client ID	SI.B01
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	0.5	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:	94	%SS2:	91
%SS3:	85	%SS4:	80
%SS5:	69	%SS6:	82

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.

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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/13/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/13/13

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

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1308345

Lab ID	1308345-005A
Client ID	SI.B02
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	0.5	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:	119	%SS2:	116
%SS3:	104	%SS4:	100
%SS5:	91	%SS6:	110

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.

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

Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/13/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/13/13

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

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1308345

Lab ID	1308345-006A
Client ID	SI.B03
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	0.5	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:	84	%SS2:	81
%SS3:	74	%SS4:	72
%SS5:	65	%SS6:	75

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.

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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/13/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/14/13

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

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1308345

Lab ID	1308345-007A
Client ID	SI.C01
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	0.5	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:	81	%SS2:	76
%SS3:	72	%SS4:	68
%SS5:	61	%SS6:	67

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.

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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/13/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/13/13

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

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1308345

Lab ID	1308345-008A
Client ID	SI.C02
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	0.5	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:	109	%SS2:	105
%SS3:	95	%SS4:	91
%SS5:	79	%SS6:	100

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.

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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/12/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/14/13

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

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1308345

Lab ID	1308345-009A
Client ID	SI.C03
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	0.5	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:	99	%SS2:	97
%SS3:	86	%SS4:	84
%SS5:	74	%SS6:	79

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.

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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/12/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/13/13

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

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1308345

Lab ID	1308345-010A
Client ID	SI.C04
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	0.5	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:	125	%SS2:	120
%SS3:	113	%SS4:	107
%SS5:	86	%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.

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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed 08/13/13

CAM / CCR 17 Metals*

Lab ID	1308345-001A	1308345-002A	1308345-003A	1308345-004A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	SI.A01	SI.A02	SI.A03	SI.B01		
Matrix	S	S	S	S	S	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP Metals, Concentration*

Analytical Method: SW6020 Extraction Method: SW3050B Work Order: 1308345

Dilution Factor	1	1	1	1	1	1
Antimony	0.60	0.64	0.62	0.64	0.5	NA
Arsenic	7.7	7.9	7.5	8.4	0.5	NA
Barium	210	260	150	49	5.0	NA
Beryllium	ND	ND	ND	ND	0.5	NA
Cadmium	ND	ND	ND	ND	0.25	NA
Chromium	31	32	37	44	0.5	NA
Cobalt	9.2	11	10	9.9	0.5	NA
Copper	20	22	23	21	0.5	NA
Lead	6.8	7.3	7.6	7.1	0.5	NA
Mercury	ND	ND	ND	ND	0.05	NA
Molybdenum	ND	ND	4.7	ND	0.5	NA
Nickel	28	34	33	30	0.5	NA
Selenium	ND	ND	ND	ND	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	54	60	60	62	0.5	NA
Zinc	51	55	60	57	5.0	NA
%SS:	91	97	93	96		

Comments

*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: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed 08/13/13

CAM / CCR 17 Metals*

Lab ID	1308345-005A	1308345-006A	1308345-007A	1308345-008A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	SI.B02	SI.B03	SI.C01	SI.C02		
Matrix	S	S	S	S	S	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP Metals, Concentration*

Analytical Method: SW6020 Extraction Method: SW3050B Work Order: 1308345

Dilution Factor	1	1	1	1	1	1
Antimony	0.54	0.55	0.57	1.6	0.5	NA
Arsenic	6.4	6.8	7.3	33	0.5	NA
Barium	180	120	46	81	5.0	NA
Beryllium	ND	ND	ND	ND	0.5	NA
Cadmium	ND	ND	ND	ND	0.25	NA
Chromium	27	31	28	33	0.5	NA
Cobalt	8.9	8.0	9.2	9.8	0.5	NA
Copper	17	21	29	20	0.5	NA
Lead	6.1	6.7	6.2	7.3	0.5	NA
Mercury	ND	ND	ND	ND	0.05	NA
Molybdenum	ND	ND	ND	ND	0.5	NA
Nickel	26	27	24	31	0.5	NA
Selenium	ND	ND	ND	ND	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	49	55	52	63	0.5	NA
Zinc	46	54	47	53	5.0	NA
%SS:	94	93	86	88		

Comments

*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: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed 08/13/13

CAM / CCR 17 Metals*

Lab ID	1308345-009A	1308345-010A			Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	SI.C03	SI.C04				
Matrix	S	S			S	W
Extraction Type	TOTAL	TOTAL			mg/Kg	mg/L

ICP Metals, Concentration*

Analytical Method: SW6020 Extraction Method: SW3050B Work Order: 1308345

Dilution Factor	1	1			1	1
Antimony	0.58	0.58			0.5	NA
Arsenic	6.7	6.5			0.5	NA
Barium	72	78			5.0	NA
Beryllium	ND	ND			0.5	NA
Cadmium	ND	ND			0.25	NA
Chromium	31	31			0.5	NA
Cobalt	9.1	9.4			0.5	NA
Copper	22	20			0.5	NA
Lead	7.0	6.4			0.5	NA
Mercury	ND	ND			0.05	NA
Molybdenum	ND	ND			0.5	NA
Nickel	28	29			0.5	NA
Selenium	ND	ND			0.5	NA
Silver	ND	ND			0.5	NA
Thallium	ND	ND			0.5	NA
Vanadium	53	53			0.5	NA
Zinc	50	53			5.0	NA
%SS:	94	88				

Comments

*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: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
11275 Sunrise Gold Cir., Ste. R		Date Received: 08/09/13
	Client Contact: Eric Garcia	Date Extracted 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed 08/10/13

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

Extraction method: SW5030B Analytical methods: SW8015Bm Work Order: 1308345

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	SI.A01	S	ND	1	95	
002A	SI.A02	S	ND	1	91	
003A	SI.A03	S	ND	1	89	
004A	SI.B01	S	ND	1	94	
005A	SI.B02	S	ND	1	92	
006A	SI.B03	S	ND	1	92	
007A	SI.C01	S	ND	1	96	
008A	SI.C02	S	ND	1	95	
009A	SI.C03	S	ND	1	94	
010A	SI.C04	S	ND	1	93	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	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:

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Quest GeoSystems Management	Client Project ID: G07162013-02; Byron Power Company	Date Sampled: 08/08/13
		Date Received: 08/09/13
11275 Sunrise Gold Cir., Ste. R	Client Contact: Eric Garcia	Date Extracted: 08/09/13
Rancho Cordova, CA 95742	Client P.O.:	Date Analyzed: 08/10/13-08/14/13

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550B Analytical methods: SW8015B Work Order: 1308345

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1308345-001A	SI.A01	S	ND	ND	1	106	
1308345-002A	SI.A02	S	ND	ND	1	126	
1308345-003A	SI.A03	S	ND	ND	1	94	
1308345-004A	SI.B01	S	ND	ND	1	119	
1308345-005A	SI.B02	S	ND	ND	1	101	
1308345-006A	SI.B03	S	ND	ND	1	104	
1308345-007A	SI.C01	S	ND	ND	1	105	
1308345-008A	SI.C02	S	ND	ND	1	123	
1308345-009A	SI.C03	S	ND	ND	1	104	
1308345-010A	SI.C04	S	ND	ND	1	107	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/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:

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 80417 | WorkOrder: 1308345

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1308341-018A**

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	84.1	97.2,F1	14.4	86.7	56 - 94	30	70 - 130
Benzene	ND	0.050	88.4	87.8	0.718	91.8	60 - 106	30	70 - 130
t-Butyl alcohol (TBA)	ND	0.20	77.7	79.4	2.24	82.5	56 - 140	30	70 - 130
Chlorobenzene	ND	0.050	87.6	86.9	0.851	90.5	61 - 108	30	70 - 130
1,2-Dibromoethane (EDB)	ND	0.050	86.9	85.7	1.40	88.5	54 - 119	30	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	0.050	85.9	84.2	2.07	89.3	48 - 115	30	70 - 130
1,1-Dichloroethene	ND	0.050	100	99.5	0.567	104	46 - 111	30	70 - 130
Diisopropyl ether (DIPE)	ND	0.050	88.1	86.7	1.55	90.6	53 - 111	30	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	0.050	85	84.7	0.392	87.1	61 - 104	30	70 - 130
Methyl-t-butyl ether (MTBE)	ND	0.050	82.2	81.2	1.28	85.8	58 - 107	30	70 - 130
Toluene	ND	0.050	93.5	92.4	1.17	98.6	64 - 114	30	70 - 130
Trichloroethene	ND	0.050	92.7	92.9	0.247	98.2	60 - 116	30	70 - 130
%SS1:	113	0.12	108	107	0.602	107	70 - 130	30	70 - 130
%SS2:	122	0.12	103	103	0	103	70 - 130	30	70 - 130
%SS3:	106	0.012	102	107	4.67	105	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

F1 = MS/MSD recovery and/or %RPD was out of acceptance criteria; LCS validated the prep batch.

BATCH 80417 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1308345-001A	08/08/13 2:27 PM	08/09/13	08/14/13 2:49 PM	1308345-002A	08/08/13 2:23 PM	08/09/13	08/14/13 3:32 PM
1308345-003A	08/08/13 2:19 PM	08/09/13	08/14/13 4:14 PM	1308345-004A	08/08/13 2:30 PM	08/09/13	08/14/13 5:32 PM
1308345-005A	08/08/13 2:34 PM	08/09/13	08/14/13 6:15 PM	1308345-006A	08/08/13 2:37 PM	08/09/13	08/15/13 2:08 AM
1308345-007A	08/08/13 2:48 PM	08/09/13	08/15/13 2:50 AM	1308345-008A	08/08/13 2:45 PM	08/09/13	08/15/13 3:33 AM
1308345-009A	08/08/13 2:43 PM	08/09/13	08/15/13 2:23 PM	1308345-010A	08/08/13 2:40 PM	08/09/13	08/15/13 3:06 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.

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 SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 80465 | WorkOrder: 1308345

EPA Method: SW8270C **Extraction: SW3550B** **Spiked Sample ID: 1308341-017A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Acenaphthene	ND<2	5	NR	NR	NR	99	N/A	N/A	30 - 130
4-Chloro-3-methylphenol	ND<2	5	NR	NR	NR	107	N/A	N/A	30 - 130
2-Chlorophenol	ND<2	5	NR	NR	NR	106	N/A	N/A	30 - 130
1,4-Dichlorobenzene	ND<2	5	NR	NR	NR	98.2	N/A	N/A	30 - 130
2,4-Dinitrotoluene	ND<2	5	NR	NR	NR	110	N/A	N/A	30 - 130
4-Nitrophenol	ND<10	5	NR	NR	NR	91.5	N/A	N/A	30 - 130
N-Nitrosodi-n-propylamine	ND<2	5	NR	NR	NR	85.9	N/A	N/A	30 - 130
Pentachlorophenol	ND<10	5	NR	NR	NR	84.3	N/A	N/A	30 - 130
Phenol	ND<2	5	NR	NR	NR	101	N/A	N/A	30 - 130
Pyrene	ND<2	5	NR	NR	NR	99	N/A	N/A	30 - 130
1,2,4-Trichlorobenzene	ND<2	5	NR	NR	NR	110	N/A	N/A	30 - 130
%SS1:	105	5	NR	NR	NR	105	N/A	N/A	30 - 130
%SS2:	94	5	NR	NR	NR	101	N/A	N/A	30 - 130
%SS3:	83	5	NR	NR	NR	106	N/A	N/A	30 - 130
%SS4:	88	5	NR	NR	NR	97	N/A	N/A	30 - 130
%SS5:	67	5	NR	NR	NR	86	N/A	N/A	30 - 130
%SS6:	77	5	NR	NR	NR	101	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 80465 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1308345-009A	08/08/13 2:43 PM	08/12/13	08/14/13 9:28 PM	1308345-010A	08/08/13 2:40 PM	08/12/13	08/13/13 12:04 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 = 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 SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 80530 | WorkOrder: 1308345

EPA Method: SW8270C **Extraction: SW3550B** **Spiked Sample ID: 1308345-001A**

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	77.3	83.5	7.73	76.2	30 - 130	30	30 - 130
4-Chloro-3-methylphenol	ND	5	83.8	94	11.4	79.9	30 - 130	30	30 - 130
2-Chlorophenol	ND	5	89	95.3	6.76	83.1	30 - 130	30	30 - 130
1,4-Dichlorobenzene	ND	5	73.8	78.1	5.73	75.6	30 - 130	30	30 - 130
2,4-Dinitrotoluene	ND	5	84.4	89.8	6.13	83.9	30 - 130	30	30 - 130
4-Nitrophenol	ND	5	67	73.2	8.82	92.3	30 - 130	30	30 - 130
N-Nitrosodi-n-propylamine	ND	5	70.7	74.5	5.35	68.6	30 - 130	30	30 - 130
Pentachlorophenol	ND	5	73.6	72	2.07	69.7	30 - 130	30	30 - 130
Phenol	ND	5	86.3	93.8	8.29	80	30 - 130	30	30 - 130
Pyrene	ND	5	81.8	87.9	7.16	74.2	30 - 130	30	30 - 130
1,2,4-Trichlorobenzene	ND	5	80.5	89.1	10.2	81.4	30 - 130	30	30 - 130
%SS1:	92	5	87	95	8.63	83	30 - 130	30	30 - 130
%SS2:	87	5	88	93	6.31	81	30 - 130	30	30 - 130
%SS3:	81	5	82	89	9.31	80	30 - 130	30	30 - 130
%SS4:	77	5	77	83	7.37	76	30 - 130	30	30 - 130
%SS5:	66	5	66	75	11.5	63	30 - 130	30	30 - 130
%SS6:	81	5	76	85	11.2	77	30 - 130	30	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 80530 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1308345-001A	08/08/13 2:27 PM	08/13/13	08/13/13 6:57 PM	1308345-002A	08/08/13 2:23 PM	08/13/13	08/13/13 7:26 PM
1308345-003A	08/08/13 2:19 PM	08/13/13	08/13/13 7:55 PM	1308345-004A	08/08/13 2:30 PM	08/13/13	08/13/13 8:23 PM
1308345-005A	08/08/13 2:34 PM	08/13/13	08/13/13 8:52 PM	1308345-006A	08/08/13 2:37 PM	08/13/13	08/13/13 9:20 PM
1308345-007A	08/08/13 2:48 PM	08/13/13	08/14/13 10:24 PM	1308345-008A	08/08/13 2:45 PM	08/13/13	08/13/13 10:45 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 SW6020

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 80415 | WorkOrder: 1308345

EPA Method: SW6020 **Extraction: SW3050B** **Spiked Sample ID: 1308340-004A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Antimony	1.1	50	94.8	94.5	0.310	94.6	75 - 125	20	75 - 125
Arsenic	24	50	93.8	95	0.852	95.2	75 - 125	20	75 - 125
Barium	140	500	102	110	5.92	93.6	75 - 125	20	75 - 125
Beryllium	ND	50	88.2	86.8	1.63	99.3	75 - 125	20	75 - 125
Cadmium	0.36	50	91	90.8	0.218	91.9	75 - 125	20	75 - 125
Chromium	77	50	NR	NR	NR	96.6	N/A	N/A	75 - 125
Cobalt	12	50	87.5	88.1	0.518	96.9	75 - 125	20	75 - 125
Copper	34	50	100	94.3	3.75	95.7	75 - 125	20	75 - 125
Lead	58	50	97	105	3.79	94.9	75 - 125	20	75 - 125
Mercury	3.0	1.25	NR	NR	NR	95	N/A	N/A	75 - 125
Molybdenum	0.77	50	94.1	94	0.0837	92.3	75 - 125	20	75 - 125
Nickel	130	50	NR	NR	NR	97.9	N/A	N/A	75 - 125
Selenium	ND	50	93.6	94.9	1.35	97.1	75 - 125	20	75 - 125
Silver	ND	50	64.9,F1	64.5,F1	0.618	108	75 - 125	20	75 - 125
Thallium	ND	50	87.6	86.4	1.43	88.5	75 - 125	20	75 - 125
Vanadium	42	50	123	123	0	96.1	75 - 125	20	75 - 125
Zinc	61	500	94.7	93.8	0.846	97.5	75 - 125	20	75 - 125
%SS:	93	500	93	93	0	93	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

F1 = MS/MSD recovery and/or %RPD was out of acceptance criteria; LCS validated the prep batch.

BATCH 80415 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1308345-001A	08/08/13 2:27 PM	08/09/13	08/13/13 2:27 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 SW6020

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 80421 | WorkOrder: 1308345

EPA Method: SW6020 **Extraction: SW3050B** **Spiked Sample ID: 1308345-010A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Antimony	0.58	50	89.3	84.2	5.80	102	75 - 125	20	75 - 125
Arsenic	6.5	50	91.5	83.1	8.35	107	75 - 125	20	75 - 125
Barium	78	500	117	104	10.2	99.4	75 - 125	20	75 - 125
Beryllium	ND	50	86	78	9.66	96.5	75 - 125	20	75 - 125
Cadmium	ND	50	90.4	81.3	10.5	103	75 - 125	20	75 - 125
Chromium	31	50	101	88.1	8.34	109	75 - 125	20	75 - 125
Cobalt	9.4	50	86.4	77.3	9.08	102	75 - 125	20	75 - 125
Copper	20	50	94.9	84.4	8.10	111	75 - 125	20	75 - 125
Lead	6.4	50	92.7	82.1	10.5	108	75 - 125	20	75 - 125
Mercury	ND	1.25	88.1	79.7	9.92	103	75 - 125	20	75 - 125
Molybdenum	ND	50	91.8	83.5	9.45	101	75 - 125	20	75 - 125
Nickel	29	50	100	86.5	9.04	110	75 - 125	20	75 - 125
Selenium	ND	50	90.5	85.9	5.21	108	75 - 125	20	75 - 125
Silver	ND	50	62.3,F1	57.5,F1	8.15	108	75 - 125	20	75 - 125
Thallium	ND	50	85.3	77	10.2	103	75 - 125	20	75 - 125
Vanadium	53	50	NR	NR	NR	106	N/A	N/A	75 - 125
Zinc	53	500	92.7	83.7	9.07	107	75 - 125	20	75 - 125
%SS:	88	500	92	82	11.3	98	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

F1 = MS/MSD recovery and/or %RPD was out of acceptance criteria; LCS validated the prep batch.

BATCH 80421 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1308345-002A	08/08/13 2:23 PM	08/09/13	08/13/13 2:34 AM	1308345-003A	08/08/13 2:19 PM	08/09/13	08/13/13 2:40 AM
1308345-004A	08/08/13 2:30 PM	08/09/13	08/13/13 2:46 AM	1308345-005A	08/08/13 2:34 PM	08/09/13	08/13/13 3:11 AM
1308345-006A	08/08/13 2:37 PM	08/09/13	08/13/13 3:17 AM	1308345-007A	08/08/13 2:48 PM	08/09/13	08/13/13 3:23 AM
1308345-008A	08/08/13 2:45 PM	08/09/13	08/13/13 3:29 AM	1308345-009A	08/08/13 2:43 PM	08/09/13	08/13/13 3:36 AM
1308345-010A	08/08/13 2:40 PM	08/09/13	08/13/13 3:42 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 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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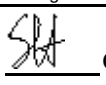
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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 80419 | WorkOrder: 1308345

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1308341-018A**

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	107	106	0.770	107	70 - 130	20	70 - 130
MTBE	ND	0.10	106	97.4	8.89	103	70 - 130	20	70 - 130
Benzene	ND	0.10	114	112	1.01	109	70 - 130	20	70 - 130
Toluene	ND	0.10	117	116	0.984	112	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	117	116	1.01	112	70 - 130	20	70 - 130
Xylenes	ND	0.30	125	123	1.46	120	70 - 130	20	70 - 130
%SS:	100	0.10	97	97	0	99	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 80419 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1308345-001A	08/08/13 2:27 PM	08/09/13	08/10/13 11:58 AM	1308345-002A	08/08/13 2:23 PM	08/09/13	08/10/13 12:28 PM
1308345-003A	08/08/13 2:19 PM	08/09/13	08/10/13 12:59 PM	1308345-004A	08/08/13 2:30 PM	08/09/13	08/10/13 1:29 PM
1308345-005A	08/08/13 2:34 PM	08/09/13	08/10/13 5:44 AM	1308345-006A	08/08/13 2:37 PM	08/09/13	08/10/13 6:14 AM
1308345-007A	08/08/13 2:48 PM	08/09/13	08/10/13 6:43 AM	1308345-008A	08/08/13 2:45 PM	08/09/13	08/10/13 7:13 AM
1308345-009A	08/08/13 2:43 PM	08/09/13	08/10/13 9:12 AM	1308345-010A	08/08/13 2:40 PM	08/09/13	08/10/13 11:11 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 SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 80418 | WorkOrder: 1308345

EPA Method: SW8015B **Extraction: SW3550B** **Spiked Sample ID: 1308341-018A**

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)	11	40	NR	NR	NR	84.2	N/A	N/A	70 - 130
%SS:	107	25	NR	NR	NR	79	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 80418 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1308345-001A	08/08/13 2:27 PM	08/09/13	08/10/13 1:28 AM	1308345-002A	08/08/13 2:23 PM	08/09/13	08/10/13 1:26 PM
1308345-003A	08/08/13 2:19 PM	08/09/13	08/10/13 1:02 PM	1308345-004A	08/08/13 2:30 PM	08/09/13	08/12/13 10:22 PM
1308345-005A	08/08/13 2:34 PM	08/09/13	08/13/13 8:46 PM	1308345-006A	08/08/13 2:37 PM	08/09/13	08/14/13 6:52 AM
1308345-007A	08/08/13 2:48 PM	08/09/13	08/14/13 5:45 AM	1308345-008A	08/08/13 2:45 PM	08/09/13	08/13/13 3:13 AM
1308345-009A	08/08/13 2:43 PM	08/09/13	08/10/13 4:32 AM	1308345-010A	08/08/13 2:40 PM	08/09/13	08/10/13 2:40 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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QA/QC Officer