LAW OFFICE OF
DILLINGHAM & MURPHY, LLP
601 CALIFORNIA STREET
SUITE 1900
SAN FRANCISCO, CALIFORNIA 94108
TELEPHONE (415) 397-2700
FAX (415) 397-3300
www.dillinghammurphy.com

RECEIVED
By Alameda County Environmental Health at 2:44 pm, Jan 24, 2013

January 24, 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 proposed workplan, entitled Workplan for Additional Site Investigation dated January 23, 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.

QUEST GEOSYSTEMS MANAGEMENT

January 23, 2013 Project: G09212012-01

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

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

RE: ADDENDA - WORKPLAN FOR ADDITIONAL SITE INVESTIGATION

Dear Mr. Wickham;

Quest GeoSystems Management, Inc. (Quest) has prepared the following workplan addenda in order to further investigate potential soil impacts at the above referenced Site in Byron, California (Figure 1). During the course of conducting the previously approved Interim Remedial Actions at the Site, petroleum hydrocarbon (PHC's) impacts to soil were identified and subsequently remediated. Of particular note was the identification of free-phase petroleum product within subsurface gravel backfill and visually stained soil in the cut-face wall underneath the existing structure at the Site. Quest therefore believes it would be prudent to conduct additional subsurface investigation underneath the concrete slab/foundation of the building to assess the whether PHC impacts to soil extend underneath the building.

1 SCOPE OF WORK

The objective of this proposed site assessment will be to collect soil samples in order to assess the presence of PHC impacts to soil beneath the Site. The scope of work presented in the enclosed workplan will be performed consistent with State and local guidelines, and with generally accepted environmental consulting principles and practices that are within the limitations described in the enclosed workplan. The following summarize the proposed work scope presented in Section 2.0, which is designed to achieve the above-referenced objective:

- The completion of approximately fourteen (14) soil probe locations by direct-push method and the subsequent collection of soil samples;
- The chemical analysis of selected soil, samples at a State-certified analytical laboratory; and

- Review and evaluate the results of the site assessment activities for their inclusion in the final report of findings.

2 PROPOSED SITE ACTIVITIES

Quest has proposed the following scope of work to meet the objectives of the investigation and to satisfy ACEH requirements. This work will consist of a field investigation, and a laboratory-testing program. Figure 2 is a site plan illustrating the proposed soil probe/sampling locations. The final soil sampling point locations and termination depths may be adjusted in the field, based on results of field screening, due to underground utilities, or other site improvements or obstructions.

2.1 FIELD INVESTIGATION

The field investigation workscope will consist of the completion of fourteen (14) soil probe locations (SP.08 through SP.21) using a truck-mounted direct-push rig. Quest's geologist will examine soil cuttings and discrete soil samples produced during probing operations in order to prepare individual subsurface lithologic logs using the Unified Soil Classification System (USCS). The soil probes will be completed to approximately 16 feet bgs. Actual locations and total depths may be changed in the field based on field observations and conditions. In the event petroleum hydrocarbons are observed in individual soil probes, the individual soil borings will be advanced until there are no field indications of potential hydrocarbon impacts.

Quest will collect discrete soil samples to provide a quantitative evaluation of the subsurface PHC impacts to soil. The field activities will be completed by a licensed C-57 well drilling contractor under the supervision of a Quest geologist. It is anticipated that a total of fourteen (14) soil samples will be collected in the field. This phase of the project is anticipated to take approximately two (2) field days to complete.

2.1.1 Soil Sampling

Soil samples collected at approximately 2 feet bgs, and additional samples collected as deemed appropriate by inspection in the field. At least one (1) sample will be selected from each boring and submitted for chemical analysis. Discrete soil samples will be logged in the field using the USCS soil classification system. Soil samples will be screened for organic vapors using a PID and sealed on both ends with appropriate sealing end caps. Field screening procedures include the observation of the soil for lithologic data, odor, and unusual stains, and headspace analysis using a PID to detect the presence of organic vapors. Selected soil samples will be labeled and submitted to a State-certified laboratory under chain-of-custody protocol for chemical analysis. The backfill will consist of a Portland cement mixture, which will be emplaced through the use of a tremie pipe from the base of the borehole to site grade.

2.1.2 Soil Cuttings, Decontamination Rinseate, and Purge-water Disposition

If in the course of field operations soil cuttings from the soil probes and rinseate from the decontamination of probe tools are generated, they will be containerized in United States Department of Transportation (DOT) approved containers, labeled and stored in a secure area at the Site. The disposition of the soil cuttings and rinseate will be determined based on the soil

sample analytical results. The report for this site characterization will include a recommended method and time frame for disposal of the soil cuttings, and rinseate. Disposal of the soil cuttings and rinseate will be the responsibility of the client. Quest will assist the client to arrange proper recycling/disposal.

2.2 ANALYTICAL TESTING PROGRAM

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

ANALYTE	MEDIA	US EPA METHOD
TPH-MR (G, D, MO)	Soil	8015M
VOC's	Soil	8260B
SVOC's	Soil	8270B

2.2.1 Quality Assurance/Quality Control (QA/QC) Program

The QA/QC program will consist of an analytical chemistry validation element. The analytical chemistry QA/QC element will consist of a transport validation. Transport validation will consist of a trip blank, of which one (1) will accompany each transport cooler to the analytical laboratory. This sample will be used to evaluate lab analytical and sample cross-contamination protocols. The laboratory trip blank will be analyzed for TPH-G, MTBE, and BTEX. Analytical labs used for this investigation will implement a QA/QC program which meet California Department of Health Services (DHS) and US EPA laboratory QA/QC protocols.

2.3 TECHNICAL REPORT

Analytical data and field summary information will be included with the report as part of the previously approved workplan.

3 LIMITATIONS

The proposed work is intended to be an interactive process. Additional work may be required to more fully assess the extent of Constituent of Concern (COC's) 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.

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.

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.

Opinions and recommendations contained in this work plan 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 work plan.

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.

4 CLOSING

Quest appreciates the opportunity to be of service to you on this project. If you have any questions regarding this workplan, please contact our Rancho Cordova, California office at (925) 756-1210.

Respectfully Submitted,

Quest GeoSystems Management, Inc.

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

January 23, 2013
Date

Attachments: Figures

cc: Daniel V. Gulino, Byron Power Partners, L.P.
William F. Murphy, Dillingham & Murphy, LLP
File

FIGURES

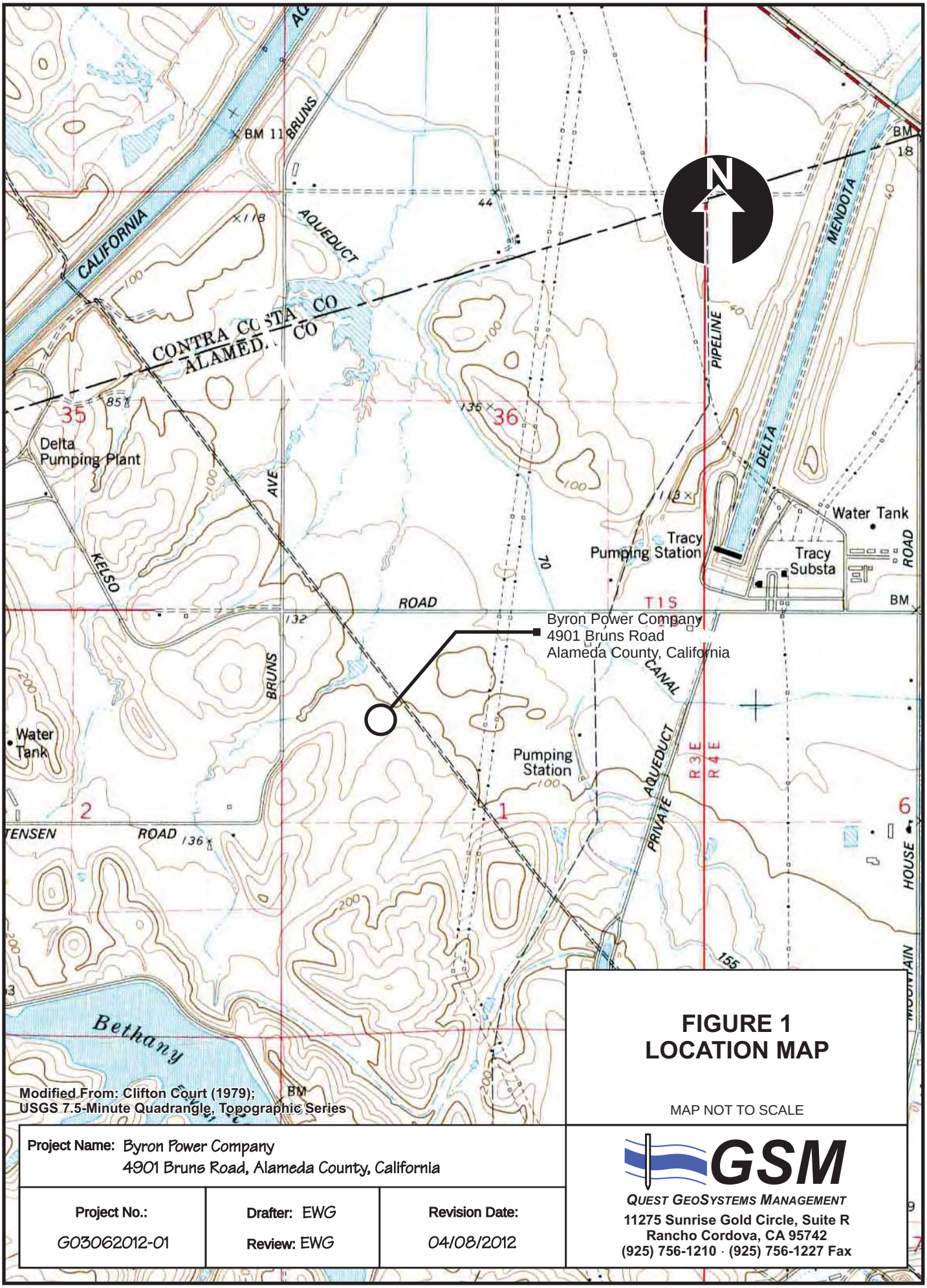


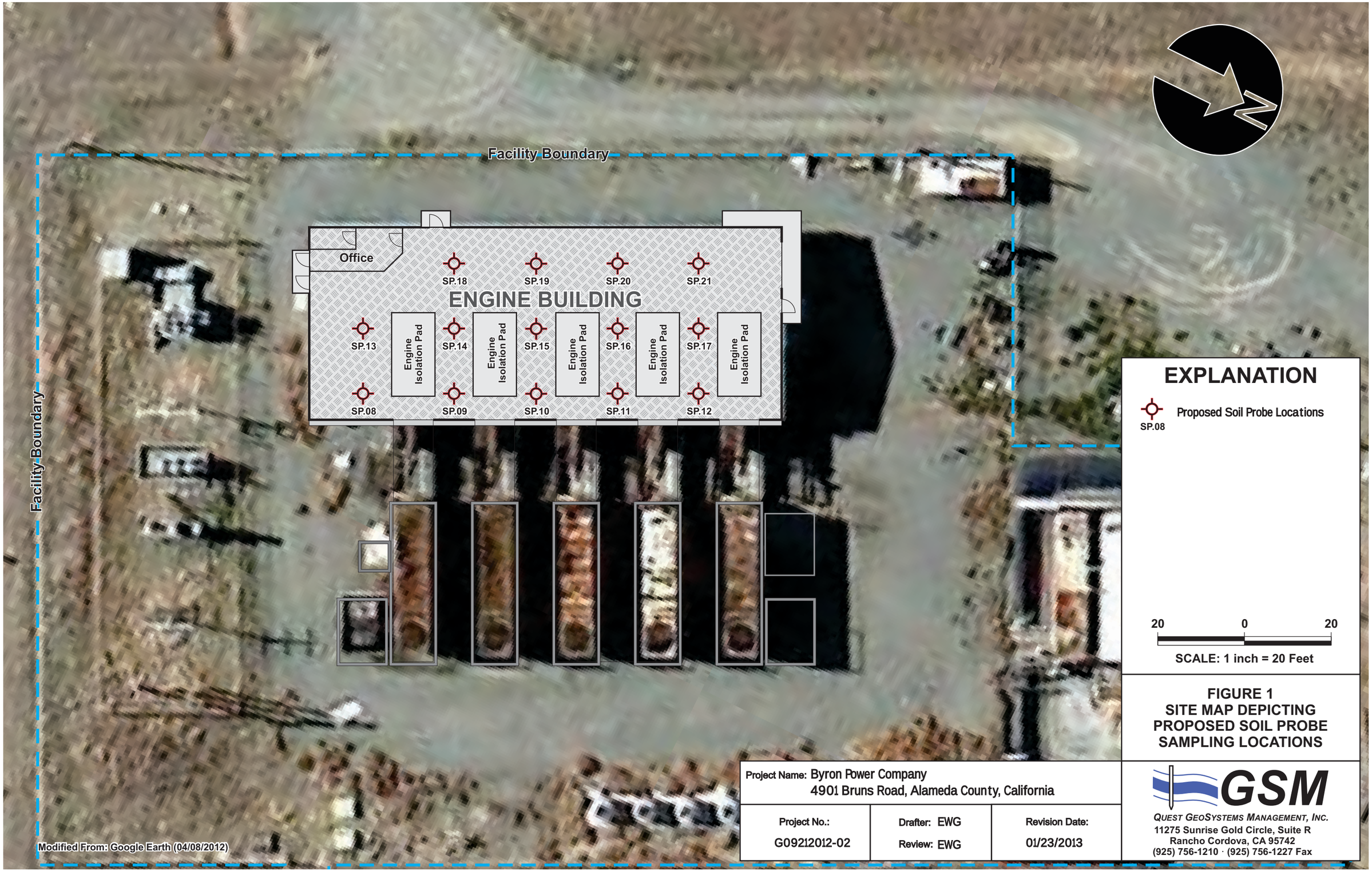
FIGURE 1
LOCATION MAP

MAP NOT TO SCALE

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

Project No.:	Drafter: EWG	Revision Date:
G03062012-01	Review: EWG	04/08/2012

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



EXPLANATION

SP.08 Proposed Soil Probe Locations

20 0 20

SCALE: 1 inch = 20 Feet

FIGURE 1
SITE MAP DEPICTING PROPOSED SOIL PROBE SAMPLING LOCATIONS

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

Project No.:	Drafter: EWG	Revision Date:
G09212012-02	Review: EWG	01/23/2013

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