



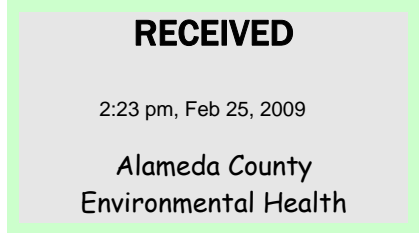
**CONESTOGA-ROVERS
& ASSOCIATES**

5900 Hollis Street, Suite A, Emeryville, California 94608
Telephone: 510-420-0700 Facsimile: 510-420-9170
www.CRAworld.com

February 24, 2009

Reference No. 130105

Ms. Barbara Jakub
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502



Dear Ms. Jakub:

Re: Site Characterization Report
Former Exxon Service Station
3055 35th Avenue
Oakland, California
Agency Case No. RO0271

On behalf of Golden Empire Properties, Inc. (GEP), Conestoga-Rovers & Associates (CRA) presents this *Site Characterization Report* for the above referenced site. Presented in this report are an introduction, site description, geology and hydrogeology, previous investigations and activities, previous remediation, sampling methods and results, conclusions, and a recommendation.

If you have any questions or comments regarding this report, please call me at (510) 420-3307.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Mark Jonas, P.G.

ES/aa/3
Encl.

c.c.: Mr. Lynn Worthington
Mr. Jeffrey Lawson
Ms. Dawn Zemo

Equal
Employment
Opportunity Employer



SITE CHARACTERIZATION REPORT

**GOLDEN EMPIRE PROPERTIES
3055 35th AVENUE
OAKLAND, CALIFORNIA**

**FEBRUARY 24, 2009
REF. NO. 130105(2)**

This report is printed on recycled paper.

**Prepared by:
Conestoga-Rovers
& Associates**

5900 Hollis Street, Suite A
Emeryville, California
U.S.A. 94608

Office: 510-420-0700
Fax: 510-420-9170

web: <http://www.CRAworld.com>

TABLE OF CONTENTS

	<u>Page</u>
EXECUTIVE SUMMARY	1
1.0 INTRODUCTION	2
2.0 SITE BACKGROUND	3
2.1 SITE DESCRIPTION	3
2.2 REGIONAL AND LOCAL GEOLOGY	3
2.3 REGIONAL AND LOCAL HYDROGEOLOGY	4
3.0 PREVIOUS INVESTIGATIONS	6
4.0 SITE ASSESSMENT ACTIVITIES	9
5.0 SOIL BORING AND SOIL GAS WELL INSTALLATION ACTIVITIES	11
6.0 RESULTS OF PHASE I AND II CHARACTERIZATION	15
6.1 LITHOLOGY AND HYDROGEOLOGY	15
6.2 SOIL ANALYTICAL RESULTS	15
6.3 GROUNDWATER ANALYTICAL RESULTS	17
6.4 SOIL GAS ANALYTICAL RESULTS	19
7.0 CONCLUSIONS AND RECOMMENDATION	21

LIST OF FIGURES
(Following Text)

FIGURE 1	VICINITY MAP
FIGURE 2	AERIAL PHOTOGRAPH
FIGURE 3	SITE PLAN
FIGURE 4	POTENTIOMETRIC SURFACE MAP
FIGURE 5	GROUNDWATER HYDROCARBON CONCENTRATIONS, PHASE I/II
FIGURE 6	PHASE I HYDROCARBON CONCENTRATION IN SOIL
FIGURE 7	PHASE II HYDROCARBON CONCENTRATION IN SOIL
FIGURE 8	PHASE I AND II HYDROCARBON CONCENTRATION IN SOIL GAS

LIST OF TABLES
(Following Text)

TABLE 1	WELL CONSTRUCTION DETAILS
TABLE 2	GRAB GROUNDWATER ANALYTICAL DATA
TABLE 3	GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
TABLE 4	GROUNDWATER ANALYTICAL DATA - OXYGENATED VOCs
TABLE 5	SOIL ANALYTICAL DATA - PETROLEUM HYDROCARBONS
TABLE 6	SOIL ANALYTICAL DATA - OXYGENATES
TABLE 7	SOIL GAS ANALYTICAL DATA

LIST OF APPENDICES

APPENDIX A	AGENCY CORRESPONDENCE
APPENDIX B	PERMITS
APPENDIX C	STANDARD OPERATION PROCEDURES
APPENDIX D	SOIL BORING LOGS
APPENDIX E	DWR WELL COMPLETION REPORTS
APPENDIX F	ANALYTICAL RESULTS FOR SOIL AND GROUNDWATER
APPENDIX G	ANALYTICAL RESULTS FOR SOIL GAS

EXECUTIVE SUMMARY

The site property is a former Exxon Service Station, located at 3055 35th Avenue, at the northeast corner of 35th Avenue and School Street, in Oakland, California. Petroleum hydrocarbons were discharged to local soil and groundwater. Environmental investigations have been performed under regulatory oversight from Alameda County Environmental Health.

In 2007 and 2008 additional environmental characterization was performed. The methods and results of this characterization are presented in the attached report. Soil, groundwater, and soil gas were sampled and analyzed. Both on-site and off-site characterization was performed. We appreciate the access provided by residential property owners.

Based on the results of this environmental investigation, following are conclusions and a recommendation:

- Offsite soil gas results compared to residential Regional Water Quality Control Board Environmental Screening Levels show that vapor intrusion does not pose a significant risk for the offsite properties sampled.
- Offsite groundwater analytical results show that concentrations downgradient are defined for TPHg and BTEX.
- Offsite soil results show that the extents of downgradient concentrations are adequately defined vertically and horizontally.
- The upgradient boring near the Former Texaco station, northeast of the site, indicates that offsite soil concentrations for TPHg, TPHd, and Benzene are present and an off-site source or sources may be contributing to concentrations in soil and groundwater.

Therefore, it is recommended that an upgradient well be installed near B-20 to monitor groundwater concentrations coming on the site.

This Site Characterization Report was submitted to Alameda County Environmental Health.

1.0 INTRODUCTION

On behalf of Golden Empire Properties, Inc. (GEP), Conestoga-Rovers & Associates (CRA) presents this *Site Characterization Report* for the above referenced site. Presented in this report are an introduction, site description, geology and hydrogeology, previous investigations and activities, previous and proposed remediation, sampling methods and results, conclusions, and recommendations.

In summary, the scope of work included additional downgradient/offsite borings to aid in defining the extent of the plume, offsite soil gas samples, two onsite borings to attempt to define the vertical extent of the groundwater plume, and an upgradient/offsite boring to determine groundwater concentrations entering the site.

2.0 SITE BACKGROUND

2.1 SITE DESCRIPTION

The site is a former Exxon Service Station located at the northeast corner of 35th Avenue and School Street, in Oakland, California (Figure 1). The address of the site is 3055 35th Avenue, with APN No. 027-0890-006-02. The site was reportedly built as a gas station in 1970. The underground storage tanks (USTs) were removed in 1991. Currently, the site is an unpaved vacant lot situated within a mixed commercial and residential setting. Figure 2 presents an aerial photograph showing relatively current conditions at the site and locale. The topography in the area slopes generally westward towards the Oakland Inner Harbor and San Francisco Bay.

2.2 REGIONAL AND LOCAL GEOLOGY

The site is located in the Coast Range Physiographic Province, characterized by northwest-southeast trending valleys and ridges. This region lies between the Pacific Ocean to the west and the Great Valley to the east. The oldest known bedrock in the Coast Range Province is marine sedimentary and volcanic rocks that form the Franciscan Assemblage. Geologic formations in the San Francisco Bay Region range in age from Jurassic to Recent Holocene.

The site is located to the west of the Oakland-Berkeley Hills on the East Bay Plain, which slopes gently to the west towards San Francisco Bay. The San Francisco Bay is located in a broad depression in the Franciscan bedrock resulting from an east-west expansion between the San Andreas and Hayward fault systems. Unconsolidated sediments in the East Bay Plain vary in thickness, with some areas up 1,000 feet thick. From oldest to youngest, the unconsolidated sediments are 1) Santa Clara Formation, 2) Alameda Formation, 3) Temescal Formation, and 4) artificial fill. The Early Pleistocene Santa Clara Formation consists of alluvial fan deposits inter-fingered with lake, swamp, river channel, and flood plain deposits, ranging from 300 to 600 feet thick. The Late Pleistocene Alameda Formation was deposited primarily in an estuarine environment and consists of alluvial fan deposits bound by mud deposits on the top and bottom of the formation. The Alameda Formation ranges from 26 to 245 feet thick and is subdivided into the Yerba Buena Mud, San Antonio, Merritt, and Young Bay Mud Members. The Early Holocene Temescal Formation is an alluvial fan deposit consisting primarily of silts and clays with some gravel layers. The Temescal Formation ranges from 1 to 50 feet thick, thinning toward the bay. Below any sub-base and fill, shallow sand, silt, and clay at the site most likely are Temescal Formation.

The site lithology is heterogeneous consisting of interbedded lenses of silty gravel, sands, silty sands, and sandy silts and clays, to the maximum explored depth of 45 feet. The clayey soils are generally stiff and very plastic. Base-rock backfill is apparently present in excavations associated with former USTs and pump islands.

2.3 REGIONAL AND LOCAL HYDROGEOLOGY

The site is located in the East Bay Plain Subbasin, Groundwater Basin No. 2-9.04 (DWR 2003). The East Bay Plain Subbasin is a northwest trending alluvial basin, bounded on the north by San Pablo Bay, on the east by the contact with Franciscan basement rock, and on the south by the Nile Cone Groundwater Basin. The East Bay Plain Subbasin extends beneath the San Francisco Bay to the west. The East Bay Plain Subbasin aquifer system consists of unconsolidated sediments of Quaternary age. These include the Santa Clara Formation, Alameda Formation, Temescal Formation, and artificial fill. In the project area most rainfall occurs between November and March. The average annual rainfall is approximately 23 inches.

Throughout most of the East Bay Plain, including the region of the site, water level contours show that the direction of groundwater flow is east to west, towards San Francisco Bay.

From 1860 to 1930 groundwater from the East Bay Plain was the major water supply of the East Bay, before Sierra water was imported into the area. By the late 1920's the groundwater supply was too small to meet the growing population and the wells often became contaminated by seepage or saltwater intrusion. By 1929, East Bay Municipal Utility District (EBMUD) provided imported water to East Bay communities via the Mokelumne Aqueduct. This high-quality, reliable supply soon eliminated the need for local groundwater wells. In 1996, the Regional Board reviewed General Plans for Oakland and other communities. They found that Oakland and most other cities did not have any plans to develop local groundwater resources for drinking water, due to existing or potential saltwater intrusion, contamination, or poor or limited quality (Regional Water Quality Control Board, San Francisco Bay Region - Groundwater Committee, 1999. *East Bay Plain Groundwater Basin Beneficial Use Evaluation Report*. June).

Groundwater levels in monitoring wells (excluding MW-1 and MW-2) have historically ranged from approximately 6 to 19 ft below ground surface (bgs). Water depths for MW-1 and MW-2 are not reflective of groundwater levels down from the surface due to their elevated casing height within monument well boxes. Groundwater elevations are

based on survey results and should be accurate. Groundwater beneath the site flows primarily towards the west, as identified on Figure 4.

3.0 PREVIOUS INVESTIGATIONS

Environmental investigations have been performed at the site since 1990. The following provides a synopsis of previous environmental investigations and activities:

October 1990 Geotechnical Investigation: In October 1990, Geotechnical Engineering Inc. of Fremont, California, drilled two soil borings at the site for a pre-construction engineering analysis. No samples were collected for hydrocarbon analysis.

January 1991 Tank Removal: In January 1991, apparently Pacific Excavators removed two 4,000-gallon USTs, two 6,000-gallon gasoline USTs, and one 500-gallon waste oil UST from the site. Figure 3 identifies excavation (cavity) locations.

November 1991 Subsurface Investigation: In November 1991, CT drilled 12 soil borings (B-1 to B-12) and sampled from depths of 15 to 35 ft below ground surface (bgs). Total petroleum hydrocarbons as gasoline (TPHg) concentrations were detected in soil samples collected from eleven of the twelve soil borings, up to 2,100 milligrams per kilogram (mg/kg). Elevated concentrations of benzene, toluene, ethylbenzene, and xylenes (BTEX) were also detected. Most of elevated concentrations of TPHg and BTEX were detected from samples collected at 15 and 20 feet bgs. No total petroleum hydrocarbons as diesel (TPHd), oil and grease (O&G), volatile organic compounds except for BTEX (Method 8010 VOCs), and semi volatile organics (Method 8270 SVOCs) concentrations were detected in samples collected from 15 feet bgs from Boring B7, located downgradient of the former waste oil tank. Table 4 presents soil sampling results. Figure 3 identifies sampling locations.

May 1994 Subsurface Investigation: Between May 5 and 9, 1994, Cambria drilled seven soil borings (SB-A through SB-G) and installed three onsite monitoring wells (MW-1 through MW-3). TPHg concentrations were detected in six of the seven soil borings at concentrations up to 2,900 mg/kg. TPHg, TPHd, and benzene concentrations were detected in May 1994 groundwater samples at maximum concentrations of 120,000, 25,000, and 22,000 micrograms per liter ($\mu\text{g}/\text{l}$), respectively, from monitoring well MW-1.

Feasibility Testing: In July 1996, Cambria conducted a series of feasibility tests involving soil vapor extraction (SVE), SVE combined with air sparging (AS), and SVE combined with aquifer pumping. TPHg soil vapor concentrations collected from each well at the end of the test ranged from less than 250 parts per million by volume (ppmv) in test wells MW-1 and MW-2, and greater than 10,000 ppmv in test well MW-3. No significant increases in air flow or soil vapor concentrations were observed when SVE

was combined with AS. No vacuum radius of influence or groundwater drawdown influence was observed in any well. The generally low air and groundwater flow rates were indicative of low permeability soils. Results of the remedial testing also indicated that SVE and/or AS would apparently not be effective in removing hydrocarbons from the subsurface soils. However, dewatering combined with SVE could enhance remedial efforts.

February 1997 Site Assessment: On February 26, 1997, Cambria installed one additional onsite monitoring well (MW-4) at the site. From the boring, TPHg was detected in soil at a maximum concentration of 530 mg/kg at 15 ft bgs. TPHg, TPHd, and benzene concentrations were detected in groundwater from samples collected in March 1997 at concentrations of 47,000, 3,100, and 11,000 µg/l, respectively.

August 1998 Remediation Well Installation: In August 1998, Cambria installed 10 dual-phase extraction (DPE) remediation wells onsite, identified as RW-5 through RW-14. Additionally, two soil geoprobe borings (B-1 and B-2) were advanced up-gradient of the site along School Street. Due to low soil permeability, no groundwater entered the borehole preventing the collection of a groundwater sample. No hydrocarbon odors were noticed. No soil samples were collected from the remediation well and geoprobe borings.

August 1999 Hydrogen Peroxide Injections: On August 5, 1999, Cambria injected between 7 to 12 gallons of 7.5 percent hydrogen peroxide (H₂O₂) solution into each of the fourteen monitoring and remediation wells. Dissolved oxygen (DO) concentrations in groundwater beneath the site did not significantly vary as a result of H₂O₂ injection. No apparent reduction in dissolved phase hydrocarbon concentrations was observed.

September 2000 Dual-Phase Vacuum Extraction: In September 2000, Cambria installed a dual-phase extraction (DPE) remediation system which incorporated 14 monitoring and remediation wells. The DPE system utilized a positive displacement blower to simultaneously extract liquid/dissolved-phase and vapor phase hydrocarbons from the subsurface. Vapor phase hydrocarbons were destroyed by catalytic oxidizer and discharged to the atmosphere under a Bay Area Air Quality Management District (BAAQMD) air discharge permit. Dissolved phase hydrocarbons were treated by filtration with granulated activated carbon vessels. Treated water was discharged to the sanitary sewer, under an East Bay Municipal Utility District (EBMUD) discharge permit.

August 2002 DPE System Upgrade: In August 2002, the DPE system was upgraded with a liquid ring vacuum pump capable of generating a higher vacuum to maximize hydrocarbon removal.

September 2004 DPE System Shutdown and Removal: In September 2004, Cambria requested and received approval from the ACEH to shutdown the DPE system operations due to low hydrocarbon removal rates after removing a significant amount of hydrocarbons. The DPE system was removed from the site on September 30, 2004. During DPE operations between September 2000 and September 2004, a total of approximately 6,545 pounds of vapor-phase hydrocarbons and 11 pounds of dissolved-phase hydrocarbons were removed.

July 2006 Site Conceptual Model and Assessment of Risk: On July 13, 2006 a *Site Conceptual Model and Offsite Work Plan* was submitted to ACEH. The report also includes a well and sensitive receptor survey and an assessment of risk. This document recommended soil gas sampling and analysis.

May and July 2007 Onsite Soil Gas and Phase I Offsite Characterization: Onsite soil gas and offsite groundwater and soil samples were collected and analyzed. Offsite groundwater concentrations were detected downgradient from the site. This led to the Phase II Offsite Characterization presented in this report. The methods and results for the onsite soil gas and Phase I offsite characterization are also presented in this report.

October, November, and December 2008 Phase II Characterization: Soil, groundwater, and soil gas were collected and analyzed during Phase II characterization. Investigations occurred both on- and off-site. This report presents methods and results of the Phase II characterization.

Groundwater Monitoring: Quarterly groundwater monitoring and sampling has been performed at the site since May 1994. Well construction details are presented in Table 1. Historical and recent groundwater analytical data and groundwater elevations are presented in Table 3.

4.0 SITE ASSESSMENT ACTIVITIES

The primary objectives of the Phase I and Phase II characterizations were to investigate the extents of the hydrocarbon plume in soil and groundwater and measure subsurface soil gas (vapor) for vapor intrusion assessment. In support of the effort, five soil borings were drilled offsite and six soil gas locations were sampled during the May and July 2007 Phase I investigation; and nine soil borings were drilled offsite, two soil borings onsite, and eight temporary soil vapor probes were installed and sampled during the October-December 2008 Phase II investigation.

CRA completed the following tasks:

Phase I Characterization

- Advanced two soil borings to a depth of 30 ft bgs, two soil borings to a depth of 24 ft bgs, and one soil boring to a depth of 16.5 ft bgs. All six borings are located southwest of site.
- Collected and analyzed soil samples for TPHg, TPHd, benzene, toluene, ethylbenzene, total xylenes, *tert*-Butyl methyl ether (MTBE), TAME, DIPE, *tert*- Butyl alcohol (TBA), ETBE, EDB, 1,2-Dichloroethane (1,2-DCA), and ethanol.
- Collected four grab groundwater samples from borings B-13, B-14, B-16, and B-17, which were analyzed for TPHg, TPHd, benzene, toluene, ethylbenzene, total xylenes, MTBE, TAME, DIPE, TBA, ETBE, EDB, 1,2-DCA and ethanol.
- Collected and analyzed soil gas samples from six onsite locations. Soil gas samples were analyzed for TPHg, benzene, toluene, ethylbenzene, xylenes, and MTBE. Additionally samples were analyzed for leak check analysis; isobutane, propane, and butane.

Phase II Characterization

- Advanced eight offsite soil borings downgradient of site to a depth of 30 ft below ground surface (ft bgs), one offsite soil boring upgradient to a depth of 45 ft bgs, and two onsite soil borings to a depth of 45 ft bgs using direct push drilling methods.
- Collected and analyzed soil samples for TPHg, TPHd, benzene, toluene, ethylbenzene, total xylenes, MTBE, TAME, DIPE, TBA, ETBE, EDB, 1,2-DCA, and ethanol.
- Collected eight grab groundwater samples from borings B-21 through B-28, which were analyzed for TPHg, TPHd, benzene, toluene, ethylbenzene, total xylenes, MTBE, TAME, DIPE, TBA, ETBE, EDB, 1,2-DCA and ethanol.

- Collected and analyzed one depth discrete grab groundwater sample for TPHg, benzene, toluene, ethylbenzene, total xylenes, TPHd, MTBE, TAME, DIPE, TBA, ETBE, EDB, 1,2-DCA, and ethanol from boring B-18.
- Installed and sampled eight temporary offsite soil gas probes SV-7 through SV-14. Soil gas samples were analyzed for TPHg, benzene, toluene, ethylbenzene, xylenes, and MTBE. Additionally samples were analyzed for carbon dioxide, oxygen, methane, and leak check analysis; isobutane, propane, and butane.

The above tasks were performed onsite, offsite on multiple residential properties, and City of Oakland public right of way. Phase I site characterization activities were conducted under CRA's January 12, 2007 *Offsite and Soil Gas Work Plan*. Phase II site characterization activities were conducted under CRA's April 11, 2008 *Additional Characterization and Soil Vapor Sampling Work Plan*, the Alameda County Environmental Health (ACEH) letters dated December 6, 2006, March 1, 2007, and February 15, 2008, approving the *Phase I and II Characterization; the Work Plan Addendum* dated June 5, 2008. CRA's Standard Operation Procedures were followed for all field activities, which are included in Appendix C. Additionally, December 28, 2008 groundwater monitoring wells were sampled and analyzed, associated with a fourth quarter 2008 monitoring event.

The borings, temporary soil gas monitoring probes, and soil gas sampling locations are presented on Figure 3. Figure 4 presents groundwater elevation and historical flow direction. Figure 5 presents groundwater analytical results from Phase I characterization, Phase II characterization, and fourth quarter 2009 quarterly monitoring. Soil concentrations for Phase I characterization are presented on Figure 6 and Phase II characterization concentrations are presented on Figure 7. Figure 8 presents both Phase I and Phase II soil gas analytical results. Permits are provided in Appendix B; boring logs and well construction details are in Appendix D; DWR well completion reports in Appendix E; and analytical results for soil and groundwater for Phase I, Phase II, and fourth quarter 2009 groundwater monitoring event are provided in Appendix F; soil gas results are presented in Appendix G.

5.0 SOIL BORING AND SOIL GAS WELL INSTALLATION ACTIVITIES

Personnel Present: The Phase I characterization was performed by CRA's Senior Staff Geologist Glenn Reiss and Staff Geologist Christina McClelland. Phase II characterization was performed by CRA's Staff Geologists Bryan Fong and Michael Werner. Both phases of characterization were overseen by CRA's Senior Project Geologist Mark Jonas, a California Professional Geologist.

Access Agreements: Work was performed under signed and approved access agreements with Elaine Y. and Melinda M. Yu (2826 Bartlett St.), Stella M. Li (2925 35th Ave), Sey P. and Jeff B. Yuen (3014 Bartlett St.), and Kwai Lee (3015-3021 35th Ave).

Permits: The Alameda County Public Works Agency issued subsurface drilling permits for soil borings and soil gas well installation activities. The City of Oakland issued excavation, obstruction, and encroachment permits for soil borings and soil gas well installation activities within the public right of way. Copies of the permits are provided in Appendix B.

Drilling Company: RSI Drilling (C57 # 802334) of Woodland, California performed direct push borings, soil gas sampling, and soil gas probe installation activities.

Drilling Dates: RSI Drilling advanced direct push soil borings B-13 through B-17 and collected grab groundwater samples from borings B-13, B-14, B-16, and B-17 on July 12-23, 2007; collected soil gas samples from locations SV-1 through SV-6 on May 24, 2007; advanced direct push soil borings B-18 through B-28, installed soil gas probes SV-7 through SV-14, collected grab groundwater samples from borings B-21 through B-28, and performed depth discrete groundwater sampling from boring B-18 on October 29 through November 7, 2008.

Subsurface Utility Survey Method: CRA marked out the boring and soil gas probe locations with white paint and notified underground service alert (USA) to have subsurface utilities marked out. CRA retained OHJ Subsurface Utility Locator of Oakland, and California Utility Surveys, of San Ramon, California, to locate utilities that may not have been marked by USA and to verify proposed boring and soil gas probe locations. Prior to advancing borings with a drill rig, RSI cleared each boring location to a minimum of 5 ft bgs using an air knife or hand auger.

Soil Boring Drilling Methods: Soil borings were advanced by direct push technology. Limited access borings B-13, B-14, B-16, B-17, and B-21 through B-28 were advanced

using a track mounted limited access drilling rig, B-18 through B-20 were advanced using a truck mounted geoprobe drill rig, and boring B-15 was advanced by a hand wheeled limited access Minuteman drill rig. Boring logs for soil borings are provided in Appendix D.

Soil Gas and Soil Gas Probe Drilling Methods: For soil gas sampling locations SV-1 through SV-6, a direct push sampler was advanced to the target depth and a soil gas sample was collected. Soil gas probes SV-7 through SV-14 were advanced entirely by hand auger and a soil gas probe was constructed in each borehole. Standard operating procedures are provided in Appendix C. Boring logs for soil gas sampling locations and soil gas probes are provided in Appendix D.

Boring Depths: Soil borings B-13, B-14, and B-21 through B-28 were advanced to a depth of 30 ft bgs; B-15 was advanced to 16.5 ft bgs; B-16 and B-17 were advanced to 24 ft bgs; and B-18 through B-20 were advanced to a depth of 45 ft bgs. Borings for soil gas probes SV-7 through SV-14 were advanced to an approximate depth of 6 ft bgs.

Soil Gas Probe Construction: RSI Drilling cleared eight 3 ½ inch boreholes using a hand auger to an approximate depth of 6 ft bgs for soil gas probes SV-7 through SV-14. In each borehole a stainless steel vapor probe, attached with ¼ inch Teflon tubing, was set at a depth of 5 ft bgs within No. 2/12 Monterey sand from 4 ft bgs to the bottom of the borehole. The probe was then sealed with granular bentonite from 2 ½ ft bgs to 4 ft bgs and Portland Type I/II cement grout to the surface. A flush well box was installed to complete each probe. Standard operating procedures are provided in Appendix C, boring logs and soil gas probe completion details are provided in Appendix D, and DWR completion reports are provided in Appendix E.

Soil Sampling Method: Soil samples were collected from borings B-13 through B-28. Each soil boring was examined for staining and screened using a photo ionization detector (PID). PID results are included in boring logs (Appendix D). Soil samples were collected from intervals where staining or elevated PID readings were observed or at a minimum interval of 5 ft. Soil samples were labeled, stored on crushed ice at or below 4 degrees Celsius, and transported under a chain-of-custody to McCampbell Analytical Inc. (McCampbell) in Pittsburg, California for analysis. McCampbell is a California certified laboratory.

Groundwater Sampling Method: Grab groundwater samples were collected from borings B-13, B-14, B-16, B-17 and B-21 through B-28 and a depth discrete groundwater sample was collected from boring B-18. For B-18 a separate borehole was used for the depth discrete sample. RSI advanced a Hydropunch sampler to a depth of 30 ft bgs. RSI

then opened the outer casing exposing a 4 ft screen interval from 26 ft bgs to 30 ft bgs. A groundwater sample was then collected using a peristaltic pump. For borings B-13, B-14, B-16, B-17, and B-21 through B-28 a temporary polyvinyl chloride (PVC) casing was lowered into each borehole and sampled using a new disposable bailer. Groundwater samples were decanted into 40 ml volatile organic acid (VOA) vials and 1-liter amber glass jars, labeled, and placed on crushed ice at or below 4 degrees Celsius and transported under a chain-of-custody to McCampbell, a California certified laboratory.

Attempts were made to collect grab groundwater samples from borings B-19 and B-20. However, after allowing groundwater to collect in the temporary polyvinyl chloride (PVC) casing for up to 24 hours, no groundwater was present in these borings and groundwater samples were not able to be collected and analyzed.

Soil Gas Sampling Method: On May 24, 2007 CRA's Staff Geologist Christina McClelland and RSI Drilling conducted soil gas sampling activities for locations SV-1 through SV-6. RSI Drilling advanced a direct push sampler to the target depths of 5 ft bgs and 10 ft bgs at each of the six locations. A separate borehole was drilled for each sample depth. At each target depth, the outer casing was pulled, exposing a threaded adapter attached to polyethylene tubing. Summa canisters were then attached to the polyethylene tubing for purging and sampling. Before sampling, each well was purged at a flow rate of 100 ml/min for approximately 2 to 5 minutes. During sampling, shaving cream was introduced to the sampling apparatus for analytical leak check compounds isobutane, butane, and propane. Soil gas samples were collected in 1-liter summa canisters, labeled and transported under a chain-of-custody to McCampbell, a California certified lab. Soil gas sampling media and analysis were provided by Air Toxics LTD.

On December 5, 2008 Staff Geologists Bryan Fong and Mike Werner collected soil gas samples from soil gas probes SV-7 through SV-14. Before purging and sampling, each sampling apparatus was monitored for pressure changes for approximately 10 minutes. At an approximately rate of 3 inches mercury (in Hg), each well was purged prior to sampling. Soil gas was then sampled using a 6-liter negative pressurized summa canister. Additionally, a leak check was implemented by introducing shaving cream to the sampling apparatus during sampling. Samples were labeled and transported under a chain-of-custody to McCampbell, a California certified laboratory. Standard operating procedures for soil gas sampling are included in Appendix C. Soil gas sampling media were provided by McCampbell.

Sampling Analysis: Soil and groundwater samples were analyzed for TPHg and BTEX compounds by modified United States Environmental Protection Agency (EPA) Method SW8015C and SW8021B respectively. Samples were also analyzed for MTBE, TAME, DIPE, TBA, ETBE, 1,2-DCA, and ethanol by EPA Method SW8260B and TPHd by SW8015C with Zemo Gravity Separation Protocol for groundwater samples. Samples were labeled, cooled with crushed ice, and transported under a chain-of-custody to a California certified laboratory. Soil gas samples were analyzed for TPHg, BTEX by Method TO-3 and TO-15 respectively. Oxygen, carbon dioxide, and methane were analyzed by method ASTM-D 1946 and leak check compounds isobutane, propane, and butane (shaving cream) were analyzed by Method TO-15 TIC. The analytical results for soil are presented on Table 5 and 6, and are summarized on Figure 6 and 7. The groundwater analytical results are presented in Tables 2, 3, and 4 and summarized on Figure 5. Soil gas analytical results are presented on Table 7 and are summarized on Figure 8. Analytical reports are provided in Appendix F.

Geotracker: All necessary data has been uploaded to the California State Water Resources Control Board's Geotracker Database as required by Title 23, Division 3, Chapter 30, Articles 1 and 2, Sections 3890-3895 of the California Code of Regulations.

6.0 RESULTS OF PHASE I AND II CHARACTERIZATION

This section presents the findings of the Phase I and Phase II site investigation activities. Following is a discussion on lithology and hydrogeology, soil analytical results, groundwater analytical results, soil gas analytical results, and groundwater levels.

6.1 LITHOLOGY AND HYDROGEOLOGY

The soil borings, for the Phase I and Phase II Characterization, were logged to a maximum depth of 45 ft bgs. The subsurface soils consisted of yellowish orange to yellowish brown, low permeability sandy clays and low to moderate sandy silt mixtures. More permeable soils generally consisted of interbedded silty sand mixtures were present at three intervals, between 5 ft bgs and 15 ft bgs, 20 ft bgs and 30 ft bgs, and also between 40 ft bgs and 45 ft bgs. The highest permeable layers were observed in boring B-19, which consisted of silty gravels between 5 ft bgs and 10 ft bgs and 15 ft bgs and 20 ft bgs. The collection of groundwater samples from the soil borings were difficult to collect due to lower permeability soils encountered. Groundwater beneath the site flows primarily towards the west. The groundwater levels for the monitoring wells from the Fourth Quarter Monitoring and Sampling Event are presented in Table 3. A potentiometric surface map using the same data is included as Figure 4. Boring logs are provided in Appendix D.

6.2 SOIL ANALYTICAL RESULTS

Soil samples were collected from borings B-13 through B-28 at depths ranging from 5 ft bgs to 45 ft bgs. A total of 33 soil samples were analyzed during the May and July 2007 investigation and a total of 79 soil samples were analyzed during the October-December 2008 investigation. Analytical results for soil are presented in Tables 5 and 6, and are summarized on Figures 6 and 7. The soil analytical results are as follows;

- TPHd was detected in soil borings B-13 through B-16 and B-18 through B-20. Concentrations ranged from 2 milligrams per kilogram (mg/kg) to 430 mg/kg with the highest concentration detected in B-19 at a depth of 17 ft bgs. TPHd was not detected in any of the other borings sampled.
- TPHg was detected in soil borings B-13 through B-16 and B-18 through B-20. Concentrations ranged from 1.1 mg/kg to 4,300 mg/kg. The highest concentration

was detected in boring B-16 at a depth of 12 ft bgs. TPHg was not detected in any of the other borings sampled.

- BTEX concentrations were detected in borings B-13 through B-16, B-18, B-19, and B-20. Benzene concentrations ranged from 0.0063 mg/kg to 41 mg/kg, toluene concentrations ranged from 0.0071 mg/kg to 23 mg/kg, ethylbenzene concentrations ranged from 0.0073 mg/kg to 59 mg/kg, and xylenes concentrations ranged from 0.013 mg/kg to 320 mg/kg. The highest concentration of benzene, toluene, ethylbenzene, and xylenes were detected in B-16 at a depth of 12 ft bgs.
- MTBE was only detected in borings B-14 and B-21. Concentrations were 0.0064 mg/kg and 0.15 mg/kg with the highest concentration detected in B-14 at a depth of 26 ft bgs.

No TAME, TBA, EDB, 1,2-DCA, DIPE, ETBE, ethanol, or methanol was detected in any of the soil samples collected from the Phase I and II Characterizations. Copies of the analytical reports are provided in Appendix F.

The following Table 6.1 presents offsite Phase I and II characterization soil analytical results and environmental screening levels.

TABLE 6.1
OFFSITE SOIL RESULTS IN SHALLOW SOIL <3 METERS BGS AND DEEP SOIL >3 METERS BGS COMPARED TO ENVIRONMENTAL SCREENING LEVEL

<i>Detected Analyte in Soil</i>	<i>Highest Concentration <3 meters (mg/kg)</i>	<i>Highest Concentration >3 meters (mg/kg)</i>	<i>Highest Concentration >3 meters excluding B-13 thru B-16 (mg/kg)</i>	<i>Direct Exposure ESL Residential¹ <3 meters (mg/kg)</i>
TPHd*	ND	310 (B-16 at 12')	ND	110
TPHg	ND	4,300 (B-16 at 12')	ND	110
Benzene	ND	41 (B-16 at 12')	ND	0.12
Toluene	ND	23 (B-16 at 12')	ND	63
Ethylbenzene	ND	59 (B-16 at 12')	ND	2.3
Xylenes	ND	320 (B-16 at 12')	ND	31
MTBE	ND	0.15 (B-14 at 26')	0.0064 (B-21 at 29.5')	30

Notes:

Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, California Regional Water Quality Control Board (RWQCB), November 2007, Revised May 2008

1 = Table K-1 (RWQCB 2007), ESL, direct exposure for soil <3 meters, residential

ND = Not Detected above laboratory detection limits in any of the shallow (<3 meter) offsite samples
ESL = Environmental Screening Level; bgs = below ground surface
* = TPH (middle distillates)

6.3 GROUNDWATER ANALYTICAL RESULTS

During the May and July 2007 and October-December 2008 investigations, grab groundwater samples were collected from borings B-13, B-14, B-16, B-17, and B-21 through B-28; and a depth discrete groundwater sample was collected from boring B-18 at a depth of 30 ft bgs. Also included are the results from the 2008 fourth quarter monitoring and sampling event. Groundwater analytical results are presented in Tables 2, 3, and 4, and summarized on Figure 5. The analytical results for the grab groundwater, depth discrete, and quarterly monitoring samples are summarized as follows;

- TPHd was detected in borings B-13, B-14, B-16, B-18, B-21, B-22, B-24, B-25, and B-28. Concentrations ranged from 53 micrograms per liter ($\mu\text{g/L}$) to 7,100 $\mu\text{g/L}$ with the highest concentration detected in B-13. TPHd was also detected in samples collected during the 2008 fourth quarter monitoring and sampling from all six monitoring wells, MW-1, MW-2, MW-3, MW-4, RW-5, and RW-9. Concentrations ranged from 250 $\mu\text{g/L}$ to 4,100 $\mu\text{g/L}$ with the highest concentration detected in MW-3.
- TPHg was detected in borings B-13, B-14, B-16, and B-18. Concentrations ranged from 380 $\mu\text{g/L}$ to 69,000 $\mu\text{g/L}$. The highest concentration was detected in B-16. TPHg was also detected in samples collected during the 2008 fourth quarter monitoring and sampling from monitoring wells MW-1, MW-2, MW-3, MW-4, RW-5, and RW-9 at concentrations ranging from 1,200 $\mu\text{g/L}$ to 24,000 $\mu\text{g/L}$. The highest concentration was detected in MW-3.
- BTEX was detected in borings B-13, B-14, B-16, and B-18. Benzene concentrations ranged from 23 $\mu\text{g/L}$ to 7,700 $\mu\text{g/L}$, toluene concentrations ranged from 2.6 $\mu\text{g/L}$ to 1,500 $\mu\text{g/L}$, ethylbenzene concentrations ranged from 5.9 $\mu\text{g/L}$ to 1,600 $\mu\text{g/L}$, and total xylenes ranged from 54 $\mu\text{g/L}$ to 8,200 $\mu\text{g/L}$. The highest concentrations of BTEX was detected B-16. BTEX was also detected in samples collected during the 2008 fourth quarter monitoring and sampling from monitoring wells MW-1, MW-2, MW-3, MW-4, RW-5, and RW-9. Benzene concentrations ranged from 110 $\mu\text{g/L}$ to 4,100 $\mu\text{g/L}$, toluene concentrations ranged from 5.6 $\mu\text{g/L}$ to 91 $\mu\text{g/L}$, ethylbenzene concentrations ranged from 2.5 $\mu\text{g/L}$ to 380 $\mu\text{g/L}$, and total xylenes ranged from 9.8 $\mu\text{g/L}$ to 960 $\mu\text{g/L}$. The highest concentrations of BTEX were detected in MW-3.
- MTBE concentrations were detected in borings B-13, B-14, B-16, B-17, B-18, B-21, B-24, B-25, B-26, B-27, and B-28 and ranged from 1.2 $\mu\text{g/L}$ to 3,500 $\mu\text{g/L}$. The highest

concentration was detected in B-14. MTBE was also detected in samples collected during the 2008 fourth quarter monitoring and sampling from monitoring wells MW-1, MW-2, MW-3, MW-4, RW-5, and RW-9 at concentrations ranging from 22 µg/L to 120 µg/L. The highest concentration was detected in monitoring well MW-2.

TBA, 1,2-DCA, and ethanol were also detected in grab groundwater and monitoring well samples. TBA was detected in borings B-18, B-25, and B-28 and ranged from 2.2 µg/L to 2.8 µg/L. The highest concentration was detected in B-28. 1,2-DCA was detected in B-27 and B-28 at concentrations of 3.5 µg/L and 3.9 µg/L respectively. Ethanol was only detected in B-24 at a concentration of 600 µg/L. For samples collected during the 2008 fourth quarter monitoring and sampling from the monitoring wells, TBA was detected in MW-1, MW-2, MW-3, MW-4, RW-5, and RW-9. Concentrations ranged from 55 µg/L to 190 µg/L. The highest concentration was detected in both MW-3 and RW-9. No TAME, EDB, DIPE, ETBE, or methanol was detected in any of the groundwater samples collected. Copies of the analytical reports are provided in Appendix F.

**TABLE 6.2
OFFSITE GROUNDWATER SAMPLING RESULTS COMPARED TO ENVIRONMENTAL
SCREENING LEVELS**

<i>Detected Analyte in Groundwater</i>	<i>Highest Concentration in Groundwater (µg/l)</i>	<i>Vapor Intrusion Residential¹ ESL² (µg/l)</i>
TPHd*	7,100 (B-13)	10,000
TPHg	69,000 (B-16)	10,000
Benzene	7,700 (B-16)	540
Toluene	1,500 (B-16)	380,000
Ethylbenzene	1,600 (B-16)	170,000
Xylenes	8,200 (B-16)	160,000
MTBE	3,500 (B-14)	24,000

Notes:

Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, California Regional Water Quality Control Board (RWQCB), November 2007, Revised May 2008

ND = Not detected above laboratory detection limits in any of the offsite soil gas samples collected

ESL = Environmental Screening Level; bgs = below ground surface

* = TPH (middle distillates)

1 = Table F-1a (RWQCB 2007), ESL, current or potential drinking water resource

2 = Table E-1 (RWQCB 2007), ESL, potential vapor intrusion, residential

Soil gas probes were installed at various off-site locations to provide a better characterization of potential vapor intrusion. The following section present methods and results for soil gas characterization.

6.4 SOIL GAS ANALYTICAL RESULTS

Onsite soil gas samples were collected from locations SV-1 through SV-6 on May 24, 2007. On December 5, 2008 offsite soil gas samples were collected from soil gas probes SV-7 through SV-14. Soil gas analytical results are presented on Table 7 and are summarized on Figure 8.

Onsite soil gas results are as follows;

- TPHg was detected in all soil gas samples collected from SV-1 through SV-6 locations. TPHg concentrations ranged from 8,400 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) to 620,000 $\mu\text{g}/\text{m}^3$. The highest concentration was detected in SV-4-10 Duplicate at a depth of 10 ft bgs.
- Benzene was detected in all soil gas samples collected from SV-1 through SV-6 locations. Benzene concentrations ranged from 14 $\mu\text{g}/\text{m}^3$ to 4,600 $\mu\text{g}/\text{m}^3$ with the highest concentration detected in SV-6-10 at a depth of 10 ft bgs.
- MTBE was detected in soil gas samples SV-1-10, SV-2-10, SV-3-5, SV-4-5A, SV-5-5, and SV-6-10. MTBE concentrations ranged from 14 $\mu\text{g}/\text{m}^3$ to 300 $\mu\text{g}/\text{m}^3$ with the highest concentration detected in SV-1-10 at a depth of 10 ft bgs.

Offsite soil gas results;

- Toluene was detected in soil gas wells SV-7, SV-10, SV-13, and SV-13-Duplicate at concentrations ranging from 7.9 $\mu\text{g}/\text{m}^3$ to 33 $\mu\text{g}/\text{m}^3$. The highest concentration was detected in SV-13 and SV-13-Duplicate.
- Ethylbenzene was detected in wells SV-10, SV-13, and SV-13-Duplicate at concentrations ranging from 16 $\mu\text{g}/\text{m}^3$ to 40 $\mu\text{g}/\text{m}^3$. The highest concentration was detected in SV-13-Duplicate.
- Xylene was detected in wells SV-7, SV-13, and SV-13-Duplicate at concentrations ranging from 29 $\mu\text{g}/\text{m}^3$ to 220 $\mu\text{g}/\text{m}^3$. The highest concentration was detected in SV-13-Duplicate.

No TPHg, Benzene, or MTBE was detected in any of the offsite soil gas wells SV-7 through SV-14. Copies of the analytical reports are provided in Appendix G.

TABLE 6.4
OFFSITE SOIL GAS SAMPLING RESULTS COMPARED TO
ENVIRONMENTAL SCREENING LEVELS

<i>Detected Analyte in Soil Gas</i>	<i>Highest Concentration in Offsite Soil Gas</i> (µg/ m ³)	<i>Shallow Soil Gas Residential ESL¹</i> (µg/ m ³)	<i>Shallow Soil Gas Commercial/ Industrial ESL²</i> (µg/ m ³)
TPHg	ND	5,100	14,000
Benzene	ND	42	140
Toluene	33 (SV-13)	31,000	88,000
Ethylbenzene	40 (SV-13)	490	1,600
Xylenes	220 (SV-13)	10,000	29,000

Notes:

Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, California Regional Water Quality Control Board (RWQCB), November 2007, Revised May 2008

ND = Not detected above laboratory detection limits in any of the offsite soil gas samples collected

ESL = Environmental Screening Level; bgs = below ground surface

* = TPH (middle distillates)

bgs = below ground surface

1 = Table E-4 (RWQCB 2007), ESL, Shallow Soil Gas, potential vapor intrusion using DTSC attenuation factors, residential

2 = Table E-4 (RWQCB 2007), ESL, Shallow Soil Gas, potential vapor intrusion using DTSC attenuation factors, commercial/industrial

As seen by these results, vapor intrusion does not pose a significant risk for the offsite properties sampled.

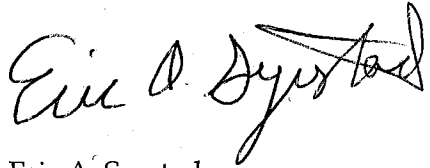
7.0 CONCLUSIONS AND RECOMMENDATION

Based on the results shown in Figures 5 through 8 and presented in the previous sections, the following conclusions and recommendations can be made;

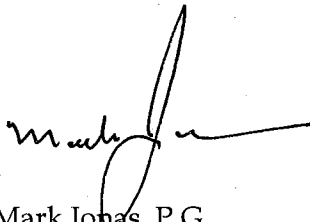
- Offsite soil gas results compared to residential ESLs show that vapor intrusion does not pose a significant risk for the offsite properties sampled.
- Offsite groundwater analytical results show that concentrations downgradient are defined for TPHg and BTEX. TPHd and MTBE concentrations significantly decrease downgradient, with TPHd at 330 µg/l in B-25 and MTBE at 150 µg/l in B-27.
- Offsite soil results show that the extents of downgradient concentrations are adequately defined vertically and horizontally for TPHg, TPHd, BTEX, and MTBE.
- The upgradient boring near the Former Texaco station, northeast of the site, indicates that offsite soil concentrations for TPHg, TPHd, and Benzene are present and an upgradient and off-site source or sources may be contributing to concentrations in soil and groundwater.

Therefore, it is recommended that an upgradient well be installed near B-20 to monitor groundwater concentrations coming on the site.

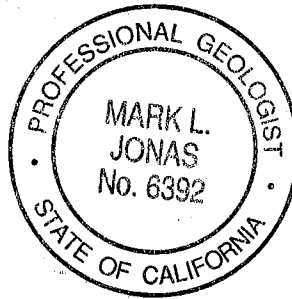
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES



Eric A. Syrstad

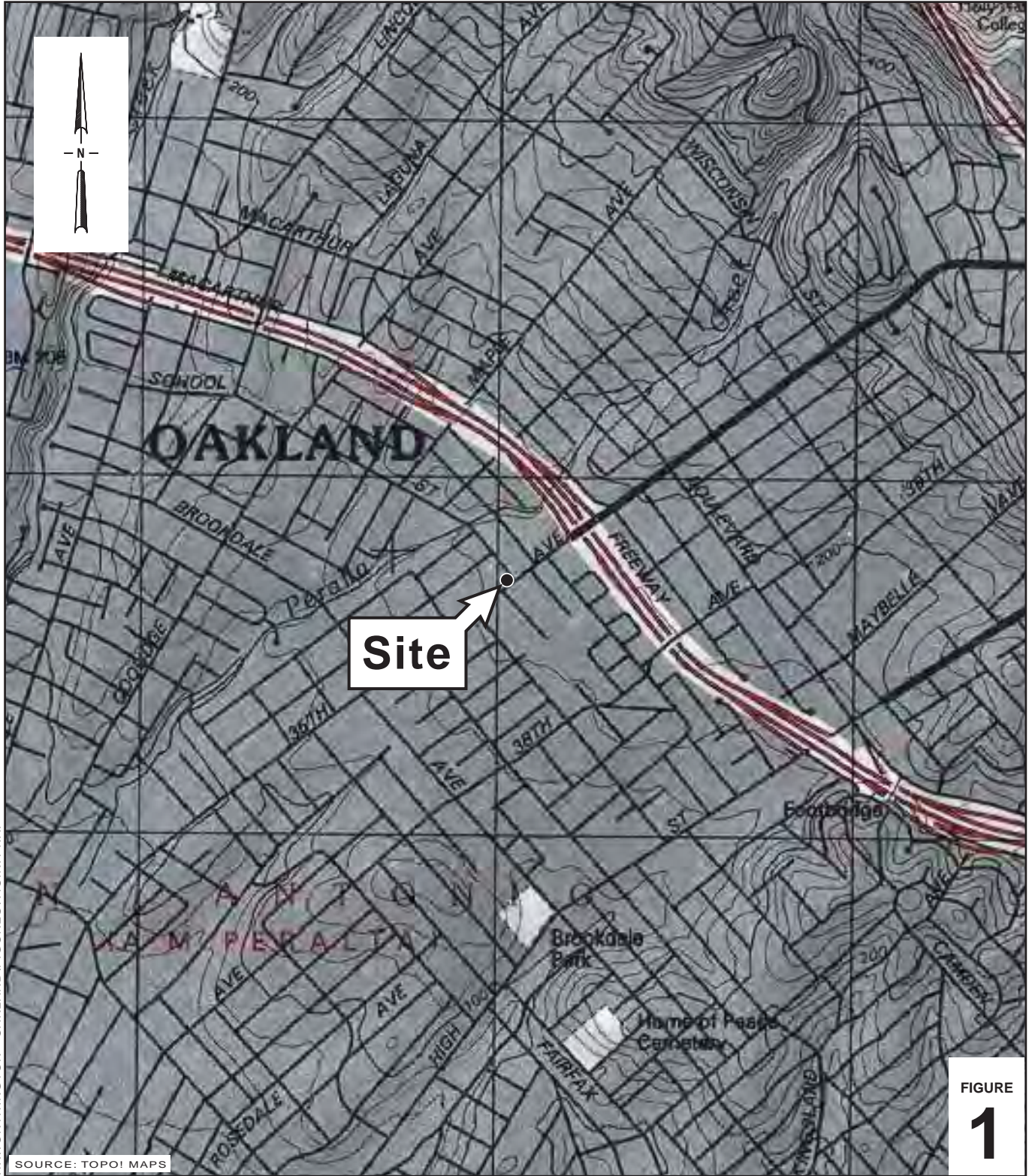
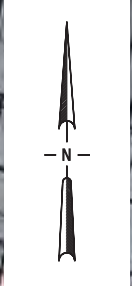


Mark Jonas, P.G.



Conestoga-Rovers & Associates (CRA) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to CRA from outside sources and/or in the public domain, and partially on information supplied by CRA and its subcontractors. CRA makes no warranty or guarantee, expressed or implied, included or intended in this document, with respect to the accuracy of information obtained from these outside sources or the public domain, or any conclusions or recommendations based on information that was not independently verified by CRA. This document represents the best professional judgment of CRA. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.

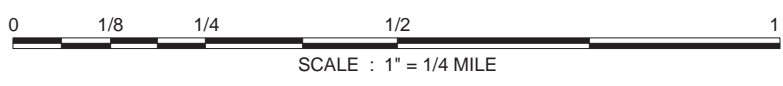
FIGURES



H:\WORTHINGTON - OAKLAND\FIGURES\VICINITY.A1

SOURCE: TOPOI MAPS

FIGURE
1



Former Exxon Station
 3035 35th Avenue
 Oakland, California



Vicinity Map



H:\WORTHINGTON - OAKLAND\FIGURES\AERIAL.A1

FIGURE

2

SOURCE: GOOGLE EARTH PRO



Approximate Scale : 1" = 125'

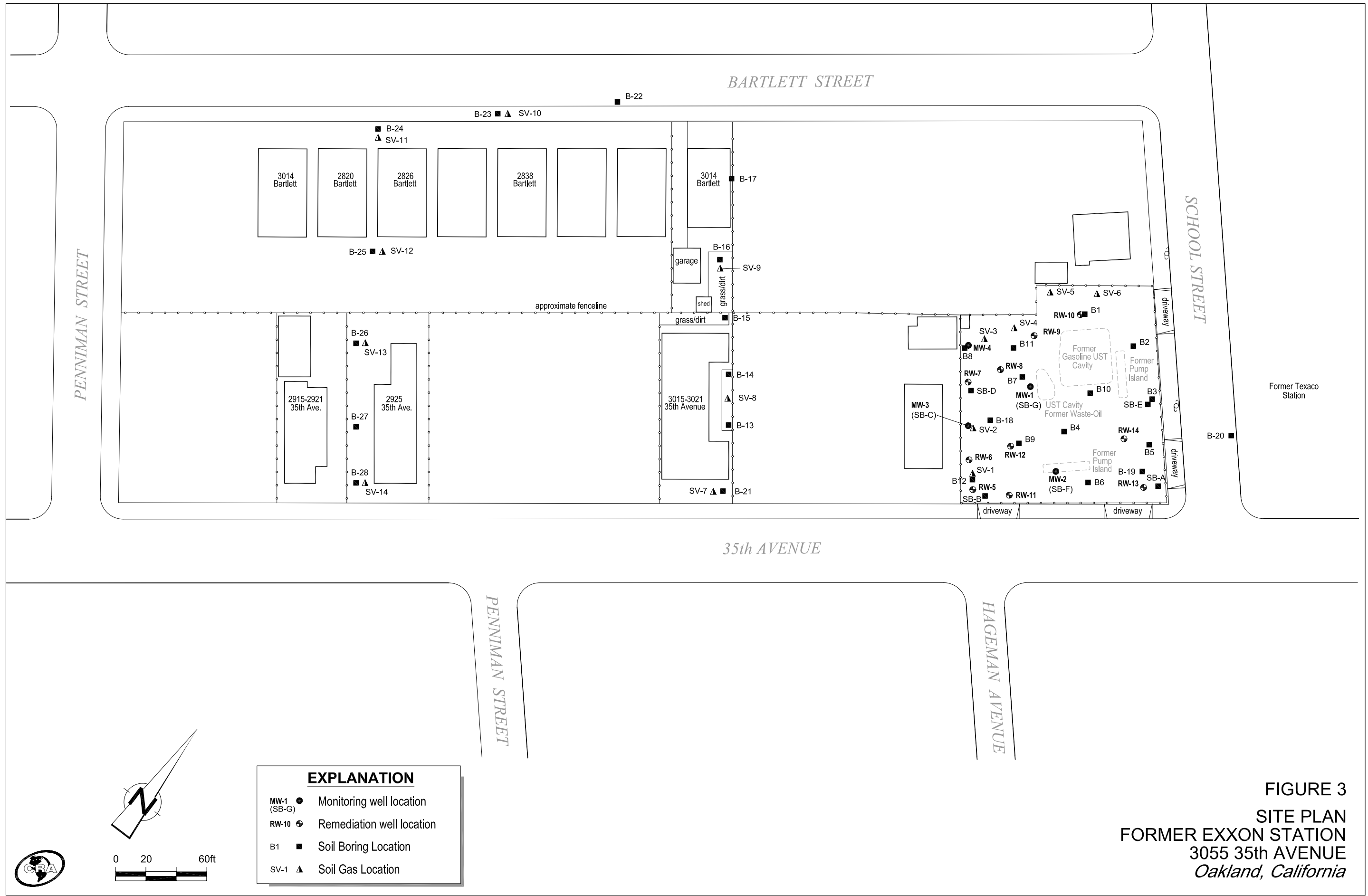
Former Exxon Station

3035 35th Avenue
Oakland, California



**CONESTOGA-ROVERS
& ASSOCIATES**

Aerial Photograph



EXPLANATION

MW-1 (SB-G)	●	Monitoring well location
RW-10	⊕	Remediation well location
B1	■	Soil Boring Location
SV-1	▲	Soil Gas Location

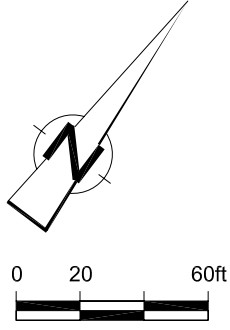


FIGURE 3
SITE PLAN
FORMER EXXON STATION
3055 35th AVENUE
Oakland, California

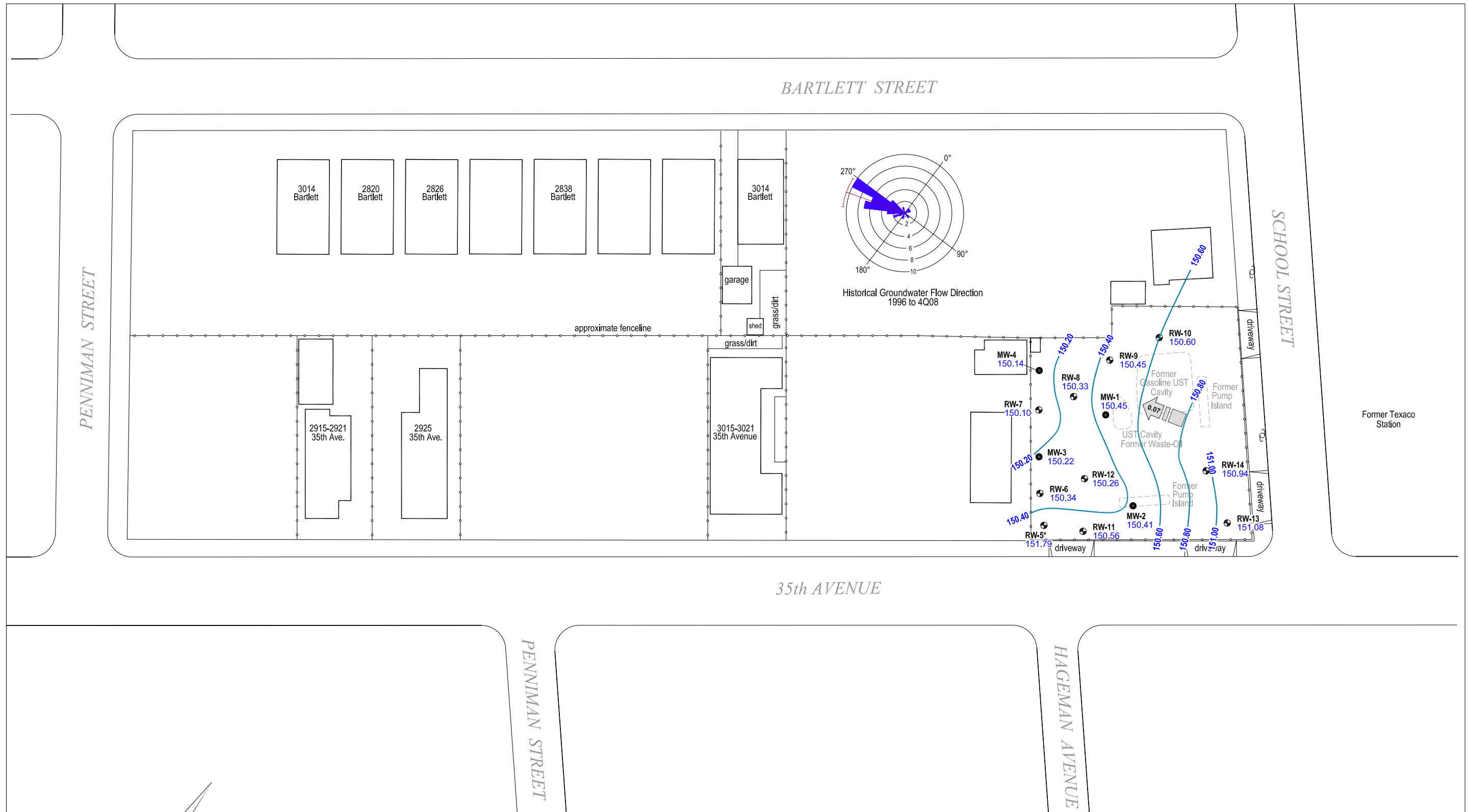
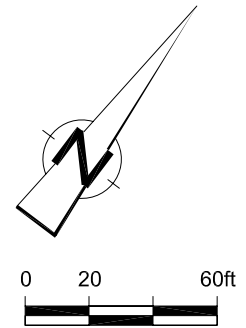


FIGURE 4

POTENTIOMETRIC SURFACE MAP
 FORMER EXXON STATION
 3055 35th AVENUE
 Oakland, California
 December 28, 2008

EXPLANATION

- Monitoring well location
- ⊕ Remediation well location
- Well designation
- ELEV Groundwater elevation
- 150.40 Groundwater elevation contour line
- * Groundwater elevation anomalous, not used for contouring
- ← 0.07 Groundwater flow direction and gradient



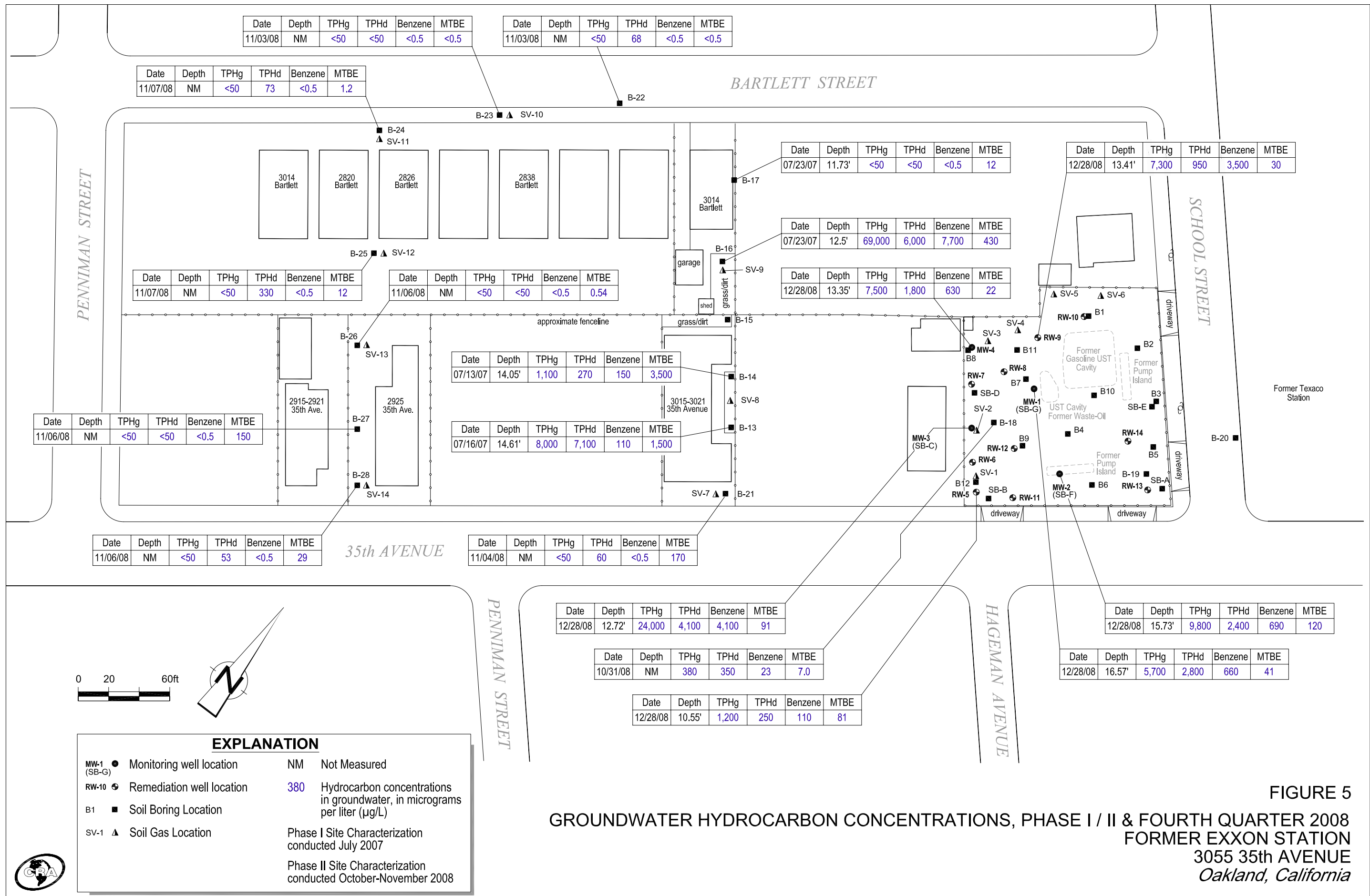
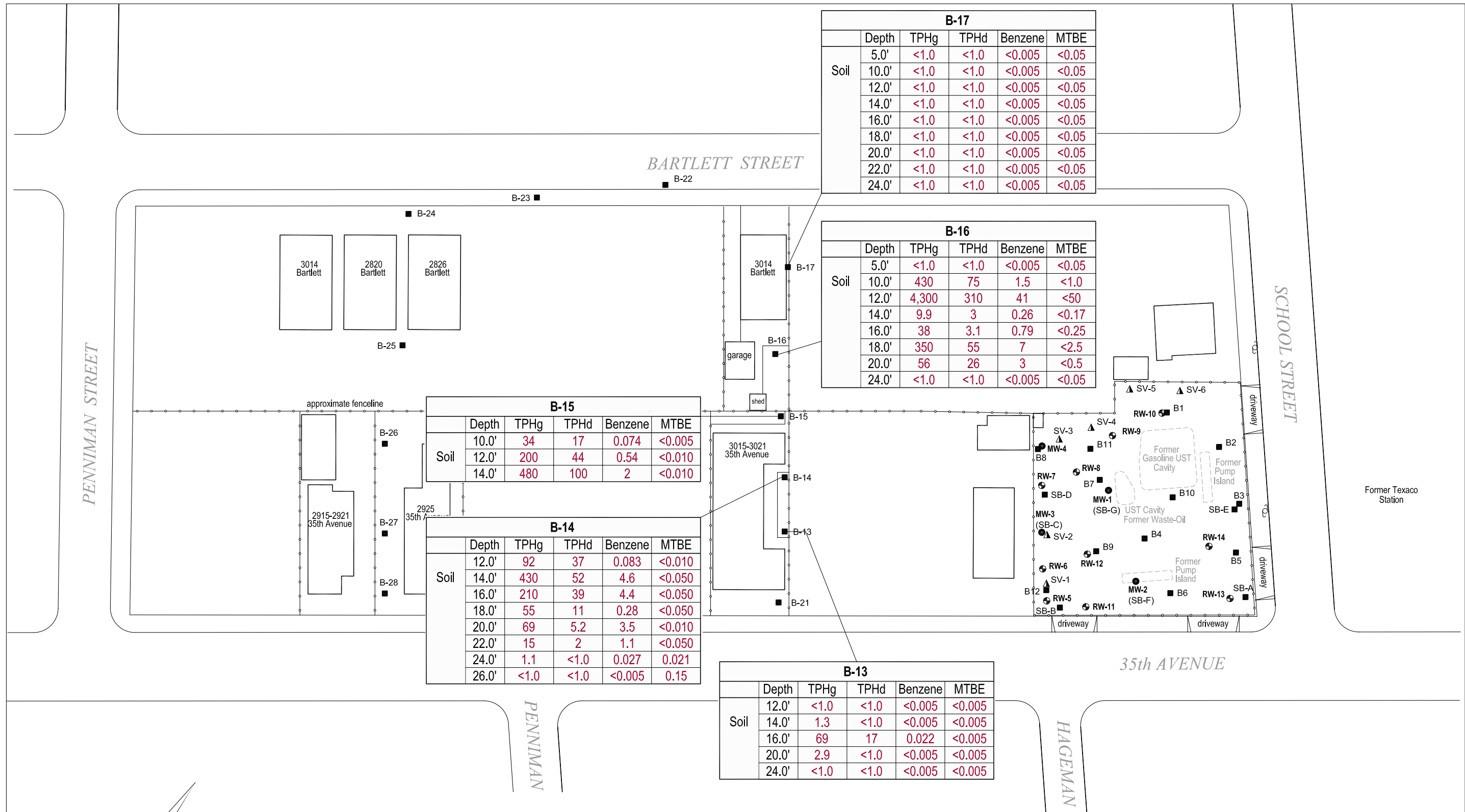


FIGURE 5
GROUNDWATER HYDROCARBON CONCENTRATIONS, PHASE I / II & FOURTH QUARTER 2008
FORMER EXXON STATION
3055 35th AVENUE
Oakland, California



B-17					
	Depth	TPHg	TPHd	Benzene	MTBE
Soil	5.0'	<1.0	<1.0	<0.005	<0.05
	10.0'	<1.0	<1.0	<0.005	<0.05
	12.0'	<1.0	<1.0	<0.005	<0.05
	14.0'	<1.0	<1.0	<0.005	<0.05
	16.0'	<1.0	<1.0	<0.005	<0.05
	18.0'	<1.0	<1.0	<0.005	<0.05
	20.0'	<1.0	<1.0	<0.005	<0.05
	24.0'	<1.0	<1.0	<0.005	<0.05

B-16					
	Depth	TPHg	TPHd	Benzene	MTBE
Soil	5.0'	<1.0	<1.0	<0.005	<0.05
	10.0'	430	75	1.5	<1.0
	12.0'	4,300	310	41	<50
	14.0'	9.9	3	0.26	<0.17
	16.0'	38	3.1	0.79	<0.25
	18.0'	350	55	7	<2.5
	20.0'	56	26	3	<0.5
	24.0'	<1.0	<1.0	<0.005	<0.05

B-15					
	Depth	TPHg	TPHd	Benzene	MTBE
Soil	10.0'	34	17	0.074	<0.005
	12.0'	200	44	0.54	<0.010
	14.0'	480	100	2	<0.010

B-14					
	Depth	TPHg	TPHd	Benzene	MTBE
Soil	12.0'	92	37	0.083	<0.010
	14.0'	430	52	4.6	<0.050
	16.0'	210	39	4.4	<0.050
	18.0'	55	11	0.28	<0.050
	20.0'	69	5.2	3.5	<0.010
	22.0'	15	2	1.1	<0.050
	24.0'	1.1	<1.0	0.027	0.021
	26.0'	<1.0	<1.0	<0.005	0.15

B-13					
	Depth	TPHg	TPHd	Benzene	MTBE
Soil	12.0'	<1.0	<1.0	<0.005	<0.005
	14.0'	1.3	<1.0	<0.005	<0.005
	16.0'	69	17	0.022	<0.005
	20.0'	2.9	<1.0	<0.005	<0.005
	24.0'	<1.0	<1.0	<0.005	<0.005

EXPLANATION

- MW-1 (SB-G) ● Monitoring well location
- RW-10 ● Remediation well location
- B1 ■ Soil Boring Location
- SV-1 ▲ Soil Gas Location
- 69 Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)
- Phase I Site Characterization conducted July 2007

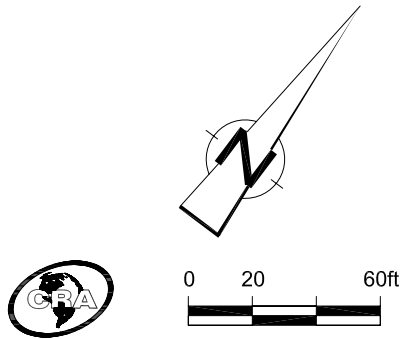


FIGURE 6
PHASE I HYDROCARBON CONCENTRATIONS in SOIL
FORMER EXXON STATION
3055 35th AVENUE
Oakland, California



EXPLANATION

- MW-1 (SB-G) ● Monitoring well location
- RW-10 ● Remediation well location
- B1 ■ Soil Boring Location
- SV-1 ▲ Soil Gas Location
- 700 Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)
- Phase II Site Characterization conducted October - November 2008

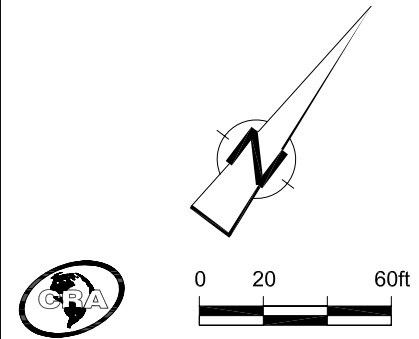


FIGURE 7
PHASE II HYDROCARBON CONCENTRATIONS in SOIL
FORMER EXXON STATION
3055 35th AVENUE
Oakland, California

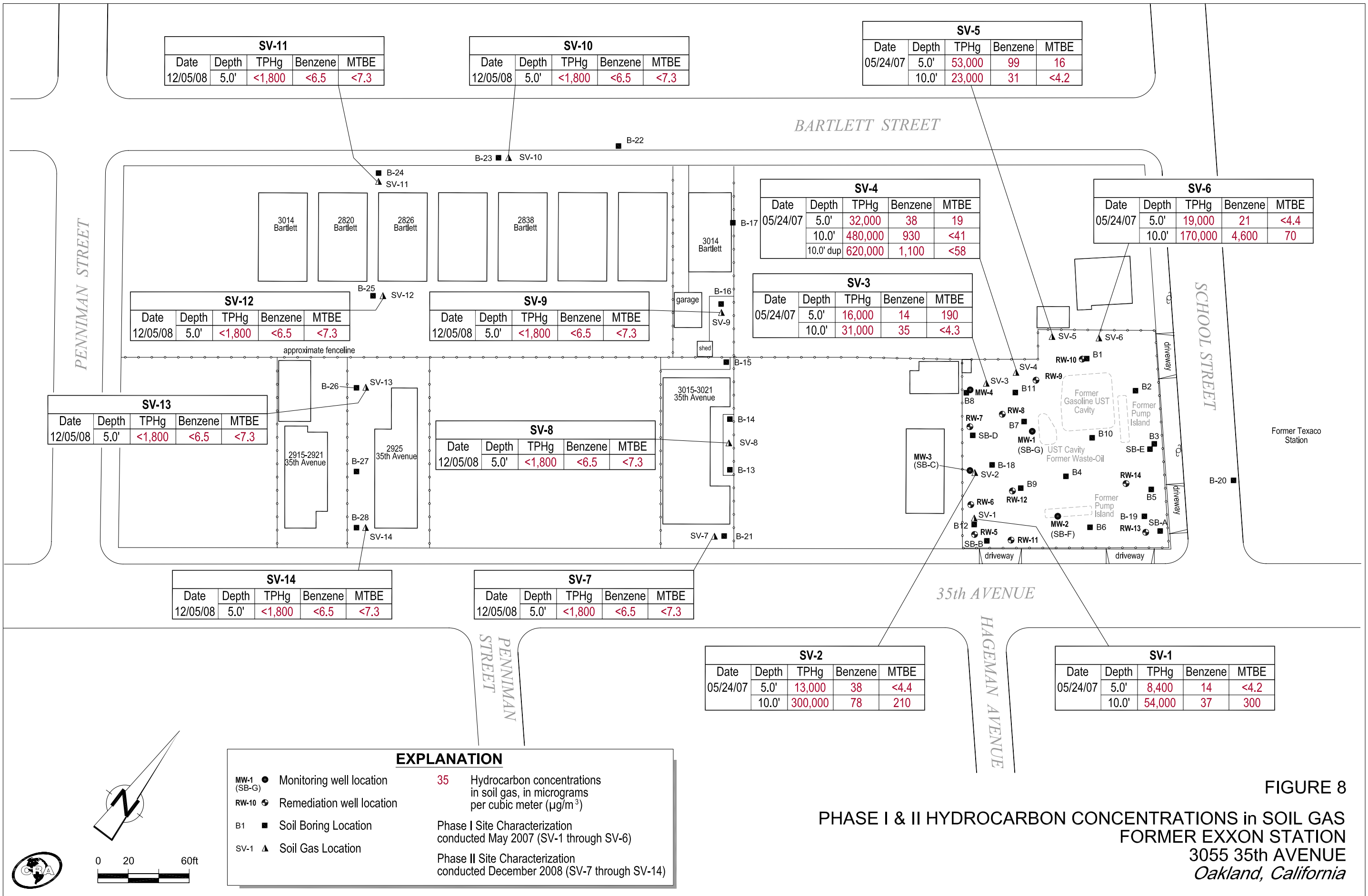


FIGURE 8
PHASE I & II HYDROCARBON CONCENTRATIONS in SOIL GAS
FORMER EXXON STATION
3055 35th AVENUE
Oakland, California

TABLES

**WELL CONSTRUCTION DETAILS
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA**

<i>Well ID</i>	<i>Date Installed</i>	<i>Borehole Depth (ft)</i>	<i>Borehole Diameter (in)</i>	<i>Casing Diameter (in)</i>	<i>Screen Interval (ft bgs)</i>	<i>Screen Size (in)</i>	<i>Filter Pack (ft bgs)</i>	<i>Bentonite Seal (ft bgs)</i>	<i>Cement Seal (ft bgs)</i>	<i>TOC Elevation (ft msl)</i>
MW-1	May 9, 1994	26.5	NA	4	10 - 25	0.010	9.5 - 25	7.5 - 9.5	0 - 7.5	167.02
MW-2	May 9, 1994	26.5	NA	4	10 - 25	0.010	9.5 - 25	7.5 - 8.5	0 - 7.5	166.14
MW-3	May 9, 1994	26.5	NA	2	10 - 25	0.010	9 - 25	7 - 9 25 - 26.5	0 - 7	162.94
MW-4	Feb. 26, 1997	30.0	NA	2	10 - 30	0.010	8 - 30	7 - 8	0 - 7	163.49
RW-5	Aug. 5, 1998	25.7	NA	4	5 - 25.5	0.010 (?)	4.5 - 25.7	2.5 - 4.5	0 - 2.5	162.34
RW-6	Aug. 5, 1998	25.5	NA	4	5 - 25.5	0.010 (?)	5 - 25.5	2.5 - 5	0 - 2.5	162.36
RW-7	Aug. 5, 1998	29.5	NA	4	5 - 29.5	0.010 (?)	5 - 29.5	3 - 5	0 - 3	162.72
RW-8	Aug. 5, 1998	29.5	NA	4	5 - 29.5	0.010 (?)	5 - 29.5	3 - 5	0 - 3	164.13
RW-9	Aug. 6, 1998	25.0	NA	4	5 - 25	0.010 (?)	5 - 25	3 - 5	0 - 3	163.86
RW-10	Aug. 6, 1998	25.0	NA	4	5 - 25	0.010 (?)	5 - 25	3 - 5	0 - 3	163.02
RW-11	Aug. 6, 1998	25.0	NA	4	5 - 25	0.010 (?)	5 - 25	3 - 5	0 - 3	162.57
RW-12	Aug. 6, 1998	27.0	NA	4	5 - 27	0.010 (?)	5 - 27	3 - 5	0 - 3	163.06
RW-13	Aug. 6, 1998	25.0	NA	4	5 - 25	0.010 (?)	5 - 25	3 - 5	0 - 3	164.34
RW-14	Aug. 6, 1998	25.0	NA	4	5 - 25	0.010 (?)	5 - 25	3 - 5	0 - 3	163.76

Abbreviations / Notes

ft = Feet

in = Inches

ft bgs = Feet below grade surface

ft msl = Feet above mean sea level

TOC = Top of casing

NA = Not available

TABLE 2

**MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>GW Depth</i>	<i>SPH</i>	<i>GW Elev.</i>	<i>Note</i>	<i>TPHg</i>	<i>TPHd</i>	<i>TPHmo</i>	<i>Benzene</i>	<i>Toluene</i>	<i>Ethylbenzene</i>	<i>Xylenes</i>	<i>MTBE</i>	<i>DO</i>	<i>DPE System</i>
<i>TOC</i>		<i>(ft TOC)</i>	<i>(ft)</i>	<i>(ft msl)</i>		<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(mg/L)</i>	<i>Status</i>
MW-1	5/25/1994	16.79	Sheen	84.06		120,000	25,000	<50,000	22,000	17,000	2,800	16,000	---	---	
100.85	7/19/1994	20.77	---	80.08		---	---	---	---	---	---	---	---	---	
	8/18/1994	21.04	Sheen	79.81		925,000	---	---	16,500	6,200	1,000	9,400	---	---	
	11/11/1994	15.80	---	85.05		57,000	---	---	14,000	4,400	1,400	6,400	---	---	
	2/27/1995	15.53	---	85.32		45,000	---	---	2,900	2,500	760	4,100	---	---	
	5/23/1995	15.29	---	85.56		22,000	---	---	9,900	990	790	2,000	---	---	
	8/22/1995	20.90	---	79.95		23,000	---	---	6,900	340	1,200	1,900	---	---	
	11/29/1995	22.19	---	78.66		37,000	---	---	9,900	530	1,600	2,900	---	---	
	2/21/1996	11.69	---	89.16		33,000	4,300	---	10,000	480	1,000	1,800	3,300	---	
	5/21/1996	14.62	---	86.23		36,000	8,500	---	8,500	1,400	1,300	2,800	1,900	---	
	8/22/1996	22.30	---	78.55		41,000	6,200	---	8,600	1,300	1,500	2,900	<200	8.0	
	11/27/1996	17.24	Sheen	83.61		38,000	6,100	---	9,600	950	1,600	3,100	<400	5.6	
	3/20/1997	16.65	---	84.20		33,000	10,000	---	6,100	560	970	2,200	<400	8.5	
	6/25/1997	19.77	---	81.08		31,000	7,400 ^a	---	7,400	440	890	1,800	<400	3.7	
	9/17/1997	20.12	---	80.73		32,000 ^d	3,500 ^e	---	9,100	550	1,000	2,000	<1,000	2.1	
	12/22/1997	12.95	---	87.90		26,000 ^d	5,800 ^e	---	7,900	370	920	1,500	<790	0.7	
	3/18/1998	12.34	Sheen	88.51		30,000 ^d	4,200 ^{e,f}	---	7,800	820	840	2,000	<1,100	1.3	
	7/14/1998	17.34	---	83.51		41,000 ^d	8,900 ^{e,f}	---	8,200	1,100	1,200	3,000	<200	1.8	
	9/30/1998	19.90	---	80.95		37,000	3,300	---	11,000	950	1,200	2,800	<20	2.0	
	12/8/1998	15.62	---	85.23		22,000	3,700	---	3,000	1,200	730	3,100	<900	---	
	3/29/1999	11.98	---	88.87		36,000 ^d	6,800 ^e	---	12,000	750	1,300	2,400	950	0.50	
	6/29/1999	20.77	---	80.08		28,000 ^d	3,500 ^e	---	7,300	420	810	1,700	<1,300	0.10	
	9/28/1999	19.68	---	81.17		13,000 ^d	3,600 ^{e,f}	---	3,200	130	320	1,100	<210	0.55	
	12/10/1999	17.02	---	83.83		25,000 ^d	2,900 ^{e,f}	---	5,400	130	620	1,400	<1,000	1.03	
	3/23/2000	12.76	---	88.09		21,000 ^d	3,300 ^f	---	4,700	140	470	1,100	<350	---	
	9/7/2000	19.45	---	81.40		40,000 ^{d,g}	12,000 ^{e,g}	---	3,700	1,400	910	4,900	<50	0.17	
	12/5/2000	18.60	---	82.25		26,000 ^a	3,400 ^e	---	7,900	150	580	810	<300	0.35	Not operating
	3/7/2001	16.19	---	84.66		13,000	2,400	---	2,700	43	69	300	<100	0.49	Not operating
	6/6/2001	18.47	---	82.38		19,000	4,000	---	4,500	130	270	430	<400	0.39	Not operating
	8/30/2001	21.70	---	79.15		8,800 ^a	1,400 ^d	---	2,100	45	91	240	<130	0.27	Operating
	12/7/2001	26.55	---	74.30		8,700 ^d	1,900 ^{e,f}	---	1,300	160	38	730	<20	0.59	Operating
	3/11/2002	17.13	---	83.72		9,400 ^d	1,400 ^e	---	2,100	200	74	470	<20	0.39	Operating

TABLE 2

**MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	GW Depth	SPH	GW Elev.	Note	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	DPE System
TOC		(ft TOC)	(ft)	(ft msl)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	Status
MW-1	6/10/2002	24.10	---	76.75		4,200 ^d	900 ^{e,k}	---	830	170	110	460	<100	---	Operating
Continued	9/26/2002	20.30	---	80.55		7,000 ^d	1,300 ^{e,f,k}	---	1,300	190	200	760	<100	0.70	Operating
	11/21/2002	21.55	---	79.30		83,000 ^{d,g}	200,000 ^{e,g}	---	7,100	1,700	3,000	13,000	<1,000	0.49	Operating
	1/13/2003	14.80	---	86.05		20,000 ^d	5,300 ^{e,f}	---	2,300	480	300	2,100	<500	0.33	Not operating
	4/25/2003	20.90	---	79.95		4,200 ^d	320 ^e	---	580	81	59	470	<50	---	Operating
	5/30/2003	16.65	---	84.20		---	---	---	---	---	---	---	---	---	Not operating
	9/3/2003	24.16	---	76.69		14,000 ^d	36,000 ^{e,f}	---	300	50	33	480	<50	---	Operating
	12/2/2003	24.12	Sheen ^{Lab}	76.73		7,100 ^{d,g}	9,300 ^{e,f,g}	---	1,400	230	160	820	<100	---	Operating
	3/18/2004	17.70	---	83.15		3,600 ^d	1,100 ^{e,f}	---	650	59	38	370	<90	---	Operating
	6/16/2004	19.20	---	147.82		8,100 ^d	2,300 ^{e,f}	---	1,500	69	22	1,000	<100	---	Not operating
167.02	9/27/2004	23.07	---	143.95		7,800 ^d	1,700 ^e	---	1,800	110	120	670	<180	0.28	Not operating
	12/27/2004	17.04	---	149.98		10,000 ^d	1,400 ^e	---	2,400	170	170	1,500	<120	0.41	Not operating
	3/7/2005	10.73	---	156.29		8,700 ^d	1,300 ^{e,f,k}	---	1,200	99	140	770	<500	0.91	Not operating
	6/21/2005	14.60	---	152.42		6,500 ^d	930 ^{e,k}	---	820	26	57	110	<250	---	Not operating
	9/21/2005	19.64	---	147.38		2,900 ^d	860 ^{e,k,f}	---	430	19	46	150	<50	1.14	Not operating
	12/14/2005	17.63	Sheen ^{Field}	149.39		6,200 ^d	4,000 ^{e,f,k}	---	570	32	72	420	<110	1.08	Not operating
	3/22/2006	10.52	Sheen ^{Field}	156.50		8,300 ^d	1,100 ^{e,f,k}	---	1,700	100	190	660	<150	0.84	Not operating
	6/30/2006	16.33	Sheen ^{Field}	150.69		2,100 ^{d,l}	1,500 ^{m,k,l}	---	320	6.1	<1.0	77	<90	0.66	Not operating
	9/5/2006	19.96	Sheen ^{Lab}	147.06		5,500 ^{d,g}	1,500 ^{e,f,k,g}	---	1,000	45	81	310	<120	0.38	Not operating
	12/6/2006	19.92	Sheen ^{Lab}	147.10		4,500 ^{d,g}	760 ^{e,g}	---	440	13	42	190	<60	0.55	Not operating
	3/16/2007	13.62	---	153.40		7,500 ^d	1,800 ^{e,f}	---	1,400	30	100	270	<150	0.58	Not operating
	6/15/2007	18.07	Sheen ^{Field}	148.95		5,600 ^d	1,500 ^{e,k,f}	---	1,200	29	84	190	56	0.74	Not operating
	9/6/2007	20.84	---	146.18		2,800 ^d	690 ^{e,f}	---	590	17	35	100	<80	0.90	Not operating
	12/8/2007	18.66	Sheen ^{Field}	148.36		4,500 ^d	520 ^{e,f}	--	570	13	57	200	<120	1.24	Not operating
	3/9/2008	12.98	Sheen ^{Field}	154.04	Z	4,600 ^d	470 ^e	<250	1,100	23	82	140	<50	1.17	Not operating
	6/14/2008	18.98	---	148.04	Z	3,800 ^d	410 ^e	<250	690	12	64	240	<80	1.95	Not operating
	9/6/2008	20.66	---	146.36	Z ^{TPHd}	2,400 ^d	420 ^e	---	500	11	30	67	<75	1.20	Not operating
	12/28/2008	16.57	Sheen^{Field}	150.45	Z^{TPHd}	5,700^d	2,800^e	<250	660	17	110	320	(41)	1.06	Not operating
MW-2	5/25/1994	15.65	---	84.35		61,000	6,900	<5,000	9,900	7,400	960	4,600	---	---	
100.00	7/19/1994	19.81	---	80.19		---	---	---	---	---	---	---	---	---	

TABLE 2

**MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	GW Depth	SPH	GW Elev.	Note	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	DPE System
TOC		(ft TOC)	(ft)	(ft msl)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	Status
MW-2	8/18/1994	20.37	---	79.63		88,000	---	---	10,750	10,500	1,850	9,600	---	---	
<i>Continued</i>	11/11/94	15.52	---	84.48		54,000	---	---	5,900	6,700	1,300	7,500	---	---	
	2/27/1995	14.46	Sheen	85.54		44,000	---	---	5,100	5,300	930	6,400	---	---	
	5/23/1995	14.17	---	85.83		33,000	---	---	8,200	5,600	900	6,600	---	---	
	8/22/1995	19.80	---	80.20		38,000	---	---	6,400	5,000	1,100	5,600	---	---	
	11/29/95	21.05	---	78.95		46,000	---	---	7,100	5,300	1,300	6,000	---	---	
	2/21/1996	10.53	---	89.47		59,000	---	---	8,000	6,000	1,800	8,900	4,500	---	
	5/21/1996	13.47	---	86.53		51,000	3,400	---	8,200	5,200	1,300	6,600	2,400	---	
	8/22/1996	19.12	---	80.88		37,000	5,700	---	5,100	3,500	960	4,500	<200	3.0	
	11/27/1996	16.61	Sheen	83.39		54,000	10,000	---	9,800	7,000	1,800	7,900	<2,000	3.1	
	3/20/1997	15.39	---	84.61		27,000	6,100	---	3,700	2,300	580	2,800	<400	8.1	
	6/25/1997	18.62	---	81.38		42,000	7,800 ^b	---	7,400	3,800	1,200	5,700	<200	0.9	
	9/17/1997	19.05	Sheen	80.95		41,000 ^d	8,900 ^e	---	5,200	3,400	1,300	5,900	<700	1.2	
	12/22/1997	14.09	---	85.91		47,000 ^d	6,100 ^e	---	8,500	4,600	1,800	8,400	<1,200	1.2	
	3/18/1998	10.83	Sheen	89.17		58,000 ^d	7,000 ^{e,f}	---	9,300	6,100	1,800	8,200	<1,100	1.1	
	7/14/1998	16.07	---	83.93		42,000 ^d	5,300 ^{e,f}	---	6,000	3,000	1,000	4,800	<200	1.5	
	9/30/1998	18.71	---	81.29		22,000	2,400	---	3,600	1,300	720	3,200	<30	1.8	
	12/8/1998	14.80	---	85.20		32,000	3,100	---	9,200	680	1,100	2,300	<2,000	---	
	3/29/1999	11.81	---	88.19		28,000 ^d	7,500 ^{e,f}	---	4,400	1,600	950	4,100	410	1.86	
	6/29/1999	19.54	---	80.46		28,000 ^d	3,300 ^e	---	3,500	1,100	690	3,100	<1,000	0.41	
	9/28/1999	18.61	---	81.39		15,000 ^d	3,400 ^{e,f}	---	1,200	540	230	2,300	<36	1.18	
	12/10/1999	16.53	---	83.47		17,000 ^d	2,500 ^{e,f}	---	1,300	780	420	2,700	<40	0.17	
	3/23/2000	13.56	---	86.44		25,000 ^d	3,100 ⁱ	---	1,900	1,100	660	3,700	<500	---	
	9/7/2000	18.25	---	81.75		62,000 ^{d,g}	32,000 ^{e,g}	---	5,300	2,300	1,500	8,400	<100	0.39	
	12/5/2000	17.45	---	82.55		60,000 ^{d,g}	87,000 ^{e,f,g}	---	5,100	2,200	1,600	9,000	<200	0.31	Not operating
	3/7/2001	15.68	---	84.32		34,000	3,900	---	1,200	770	620	4,300	<200	0.44	Not operating
	6/6/2001	17.51	---	82.49		110,000	48,000	---	14,000	9,000	1,900	12,000	<950	0.24	Not operating
	8/30/2001	21.00	---	79.00		43,000 ^{a,h}	15,000 ^{d,h}	---	3,100	720	980	5,500	<200	---	Operating
	12/7/2001	24.45	---	75.55		4,100 ^d	750 ^{e,f}	---	510	88	8.2	580	<20	0.47	Operating
	3/11/2002	16.95	---	83.05		4,700 ^d	590 ^e	---	1,200	150	30	310	<50	0.24	Operating
	6/10/2002	18.59	---	81.41		14,000 ^d	2,000 ^e	---	2,600	710	150	2,000	<800	---	Operating

TABLE 2

**MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>GW Depth</i>	<i>SPH</i>	<i>GW Elev.</i>	<i>Note</i>	<i>TPHg</i>	<i>TPHd</i>	<i>TPHmo</i>	<i>Benzene</i>	<i>Toluene</i>	<i>Ethylbenzene</i>	<i>Xylenes</i>	<i>MTBE</i>	<i>DO</i>	<i>DPE System</i>
TOC		(ft TOC)	(ft)	(ft msl)		($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	(mg/L)	Status
MW-2	9/26/2002	20.39	---	79.61		4,800 ^d	660 ^e	---	770	200	140	740	<50	0.29	Operating
<i>Continued</i>	11/21/2002	18.75	---	81.25		210,000 ^{d,g}	350,000 ^{e,g}	---	14,000	23,000	4,400	28,000	<1,700	0.43	Operating
	1/13/2003	13.60	Sheen ^{Lab}	86.40		32,000 ^{d,g}	14,000 ^{e,f,g,k}	---	4,500	1,600	920	3,600	<1000	0.39	Not operating
	4/25/2003	19.05	---	80.95		3,800 ^d	310 ^e	---	460	78	72	410	310	---	Operating
	5/30/2003	15.23	---	84.77		---	---	---	---	---	---	---	---	---	Not operating
	9/3/2003	23.57	---	76.43		2,900 ^d	2,300 ^e	---	240	57	68	380	770	---	Operating
	12/2/2003	23.17	Sheen ^{Lab}	76.83		2,400 ^{d,g}	3,300 ^{e,f,g}	---	91	20	14	250	890	---	Operating
	3/18/2004	15.78	---	84.22		4,200 ^d	870 ^{e,f}	---	730	89	<5.0	480	2,300	---	Operating
166.14	6/16/2004	18.15	---	147.99		15,000 ^d	9,800 ^{e,f}	---	800	210	290	1,800	2,000	---	Not operating
<i>(Monument</i>	9/27/2004	27.55**	---	138.59		770 ^d	1,000 ^{e,f,k}	---	20	7.9	10	140	1,600	0.79	Operating
<i>Well box)</i>	12/27/2004	16.81	---	149.33		17,000 ^d	3,800 ^{e,f}	---	1,300	370	540	3,800	620	0.94	Not operating
	3/7/2005	9.31	Sheen ^{Field & Lab}	156.83		20,000 ^{d,g}	8,300 ^{e,f,k,g}	---	1,400	330	430	2,600	1,100	0.88	Not operating
	6/21/2005	13.42	Sheen ^{Lab}	152.72		36,000 ^{d,g}	15,000 ^{e,f,g}	---	1,700	310	460	3,100	1,200	---	Not operating
	9/21/2005	18.50	Sheen ^{Field}	147.64		4,600 ^d	1,100 ^{e,f}	---	370	62	110	740	1,100	0.86	Not operating
	12/14/2005	16.40	Sheen ^{Field & Lab}	149.74		29,000 ^{d,g}	49,000 ^{e,f,k,g}	---	1,700	260	600	3,700	1,000	0.99	Not operating
	3/22/2006	9.15	Sheen ^{Lab}	156.99		21,000 ^{d,g}	23,000 ^{e,f,k,g}	---	2,300	200	550	2,800	1,200	0.91	Not operating
	6/30/2006	16.78	Sheen ^{Field & Lab}	149.36		18,000 ^{d,g}	55,000 ^{e,f,k,g}	---	1,100	71	270	1,400	1,200	0.84	Not operating
	9/5/2006	18.96	Sheen ^{Lab}	147.18		15,000 ^{d,g}	19,000 ^{e,f,k,g}	---	680	70	260	1,400	<1,000	0.79	Not operating
	12/6/2006	18.01	Sheen ^{Field & Lab}	148.13		27,000 ^{d,g}	31,000 ^{e,f,k,g}	---	1,100	51	420	1,600	<900	0.48	Not operating
	3/16/2007	12.31	Sheen ^{Field & Lab}	153.83		44,000 ^{d,g}	49,000 ^{e,f,k,g}	---	1,800	71	670	2,200	<900	0.52	Not operating
	6/15/2007	17.31	Sheen ^{Field & Lab}	148.83		18,000 ^{d,g}	21,000 ^{e,k,f,g}	---	700	22	290	740	<650	0.68	Not operating
	9/6/2007	19.28	Sheen ^{Field & Lab}	146.86		17,000 ^{a,h}	8,400 ^{e,f,g}	---	1,000	53	450	1,100	<700	0.72	Not operating
	12/8/2007	17.72	Sheen ^{Field & Lab}	148.42		14,000 ^{d,g}	3,600 ^{e,f,g}	---	640	13	220	520	<300	0.80	Not operating
	3/9/2008	12.09	Sheen ^{Field}	154.05	Z	7,900 ^d	3,100 ^e	<250	840	24	280	380	<380	0.68	Not operating
	6/14/2008	18.66	Sheen ^{Field}	147.48	Z	10,000 ^d	2,500 ^e	<250	520	18	200	370	<350	0.97	Not operating
	9/6/2008	19.41	Sheen ^{Field & Lab}	146.73	Z ^{TPHd}	10,000 ^{d,g}	2,500 ^{e,g}	---	430	17	270	370	<180	0.81	Not operating
	12/28/2008	15.73	Sheen^{Field}	150.41	Z^{TPHd}	9,800^d	2,400^e	<250	690	19	250	180	(120)	0.63	Not operating
MW-3	5/25/1994	13.93	Sheen	82.94		56,000	14,000	<50,000	14,000	14,000	1,300	11,000	---	---	
	7/19/1994	17.04	---	79.83		---	---	---	---	---	---	---	---	---	
96.87	8/18/1994	17.75	---	79.12		116,000	---	---	28,300	26,000	2,400	15,000	---	---	

TABLE 2

**MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>GW Depth</i>	<i>SPH</i>	<i>GW Elev.</i>	<i>Note</i>	<i>TPHg</i>	<i>TPHd</i>	<i>TPHmo</i>	<i>Benzene</i>	<i>Toluene</i>	<i>Ethylbenzene</i>	<i>Xylenes</i>	<i>MTBE</i>	<i>DO</i>	<i>DPE System</i>
TOC		(ft TOC)	(ft)	(ft msl)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	Status
MW-3	11/11/94	17.80	---	79.07		89,000	---	---	1,600	1,900	1,900	14,000	---	---	
<i>Continued</i>	2/27/1995	11.86	Sheen	85.01		250,000	---	---	22,000	26,000	7,800	21,000	---	---	
	5/23/1995	11.60	Sheen	85.27		310,000	---	---	18,000	17,000	4,500	2,800	---	---	
	8/22/1995	17.10	---	79.77		74,000	---	---	14,000	13,000	1,900	11,000	---	---	
	11/29/1995	16.34	---	80.53		220,000	---	---	25,000	25,000	3,500	19,000	---	---	
	2/21/1996	7.92	---	88.95		60,000	---	---	10,000	7,800	1,500	8,800	3,400	---	
	5/21/1996	10.86	Sheen	86.01		69,000	13,000	---	17,000	9,400	1,700	9,400	2,600	---	
	8/22/1996	16.50	---	80.37		94,000	16,000	---	17,000	15,000	2,100	12,000	330	2.0	
	11/27/1996	13.47	Sheen	83.40		82,000	24,000	---	14,000	13,000	2,400	13,000	<1,000	2.4	
	3/20/1997	12.86	---	84.01		56,000	11,000	---	9,900	6,900	1,300	8,000	3,500	9.0	
	6/25/1997	15.98	---	80.89		49,000	7,700 ^b	---	9,700	7,100	1,300	7,000	220	5.8	
	9/17/1997	16.34	Sheen	80.53		78,000 ^d	15,000 ^e	---	11,000	9,900	1,800	10,000	<1,200	0.7	
	12/22/1997	10.71	Sheen	86.16		49,000 ^d	14,000 ^e	---	7,300	5,300	1,400	7,500	<1,100	3.1	
	3/18/1998	8.41	Sheen	88.46		120,000 ^d	20,000 ^{e,f}	---	21,000	19,000	2,600	15,000	<1,600	1.6	
	7/14/1998	13.51	---	83.36		94,000 ^{d,g}	65,000 ^{e,f,g}	---	18,000	14,000	1,900	11,000	<1,400	1.8	
	9/30/1998	16.14	---	80.73		91,000	9,800	---	17,000	13,000	2,100	12,000	<1300	2.0	
	12/8/1998	11.20	---	85.67		51,000	4,200	---	8,000	6,800	1,400	7,500	<1,100	---	
	3/29/1999	7.95	---	88.92		39,000 ^d	4,600 ^e	---	8,900	4,400	940	4,500	810	0.56	
	6/29/1999	16.98	---	79.89		71,000 ^d	6,900 ^e	---	12,000	7,300	1,400	8,400	<1,700	0.19	
	9/28/1999	15.99	---	80.88		60,000 ^d	7,800 ^e	---	9,400	9,200	1,000	9,900	200	0.53	
	12/10/1999	13.31	---	83.56		53,000 ^d	5,300 ^{e,f}	---	8,000	6,400	1,100	8,100	<200	0.48	
	3/23/2000	8.98	---	87.89		77,000 ^{d,g}	11,000 ^{g,j}	---	10,000	9,400	1,600	11,000	<430	---	
	9/7/2000	15.61	---	81.26		100,000 ^{d,g}	19,000 ^{e,f,g}	---	17,000	12,000	1,600	11,000	<500	---	
	12/5/2000	14.80	---	82.07		110,000 ^{d,g}	17,000 ^{e,g}	---	17,000	11,000	1,900	12,000	<750	0.37	Not operating
	3/7/2001	14.27	---	82.60		60,000	13,000	---	7,000	4,600	900	7,100	<350	0.49	Not operating
	6/6/2001	14.88	---	81.99		43,000	12,000	---	3,000	1,000	770	5,200	<400	1.71	Not operating
	8/30/2001	12.43	---	84.44		95,000 ^{a,h}	190,000 ^{d,h}	---	6,900	10,000	2,700	15,000	<250	0.24	Operating
	12/7/2001	24.65	---	72.22		25,000 ^d	3,900 ^{e,f}	---	2,500	1,700	64	2,200	<200	0.19	Operating
	3/11/2002	14.69	---	82.18		30,000 ^d	2,800 ^{f,e,k}	---	5,000	2,400	190	1,800	<1,300	0.30	Operating
	6/10/2002	22.94	---	73.93		9,000 ^d	990 ^{e,k}	---	1,800	1,300	96	1,000	<300	---	Operating
	9/26/2002	18.85	---	78.02		50,000 ^{d,g}	130,000 ^{e,g}	---	3,900	5,400	820	6,600	<500	0.19	Operating
	11/21/2002	17.85	0.05	79.06		37,000 ^{d,g}	120,000 ^{e,g}	---	4,000	660	1,200	5,100	<1,700	0.28	Operating

TABLE 2

**MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	GW Depth	SPH	GW Elev.	Note	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	DPE System
TOC		(ft TOC)	(ft)	(ft msl)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	Status
MW-3	1/13/2003	11.43	Sheen ^{Lab}	85.44		21,000 ^{d,g}	6,300 ^{e,f,g,k}	---	2,400	2,300	390	3,000	<500	0.31	Not operating
Continued	4/25/2003	18.30	---	78.57		12,000 ^d	1,200 ^e	---	1,800	850	150	1,200	<500	---	Operating
	5/30/2003	13.30	---	83.57		---	---	---	---	---	---	---	---	---	Not operating
	9/3/2003	21.65	---	75.22		8,100 ^d	3,300 ^e	---	220	170	66	560	<50	---	Operating
	12/2/2003	17.70	Sheen ^{Lab}	79.17		30,000 ^{d,g}	8,400 ^{e,f,g}	---	2,900	2,100	530	3,600	<500	---	Operating
	3/18/2004	16.49	---	80.38		15,000 ^d	2,300 ^{e,f}	---	2,600	990	260	1,700	<300	---	Operating
	6/16/2004	15.40	---	147.54		23,000 ^d	8,800 ^{e,f}	---	2,100	1,300	360	2,800	<1,000	---	Operating
162.94	9/27/2004	23.65	---	139.29		5,200 ^d	1,700 ^{e,f}	---	430	220	100	680	250	0.55	Operating
	12/27/2004	14.58	Sheen ^{Lab}	148.36		32,000 ^{d,g}	24,000 ^{e,f,g,k}	---	4,400	2,800	650	4,800	<250	0.71	Not operating
	3/7/2005	6.91	Sheen ^{Field & Lab}	156.03		50,000 ^{d,g}	14,000 ^{e,f,g}	---	6,100	2,100	1,300	7,400	<500	0.62	Not operating
	6/21/2005	10.79	Sheen ^{Field & Lab}	152.15		44,000 ^{d,g}	12,000 ^{e,g}	---	4,900	870	1,100	6,500	<1,200	---	Not operating
	9/21/2005	15.73	Sheen ^{Field & Lab}	147.21		41,000 ^{d,g}	16,000 ^{e,f,k,g}	---	3,700	480	930	5,700	<500	0.90	Not operating
	12/14/2005	13.65	Sheen ^{Field & Lab}	149.29		53,000 ^{d,g}	19,000 ^{e,f,k,g}	---	4,700	350	1,100	7,400	<1,000	0.95	Not operating
	3/22/2006	8.10	Sheen ^{Field & Lab}	154.84		45,000 ^{d,g}	15,000 ^{e,f,k,g}	---	4,300	390	1,100	5,300	<1,000	0.88	Not operating
	6/30/2006	14.10	Sheen ^{Field & Lab}	148.84		44,000 ^{d,g}	15,000 ^{e,f,k,g}	---	4,000	160	550	4,000	<450	0.81	Not operating
	9/5/2006	16.25	Sheen ^{Field & Lab}	146.69		56,000 ^{d,g}	16,000 ^{e,f,k,g}	---	5,400	300	1,200	6,200	<500	0.55	Not operating
	12/6/2006	15.25	Sheen ^{Field & Lab}	147.69		44,000 ^{d,g}	19,000 ^{e,f,k,g}	---	4,500	110	930	3,600	<500	0.70	Not operating
	3/16/2007	10.25	Sheen ^{Field & Lab}	152.69		72,000 ^{d,g}	5,300 ^{e,f,k,g}	---	6,500	420	1,200	3,900	<1,000	0.61	Not operating
	6/15/2007	14.57	Sheen ^{Field & Lab}	148.37		56,000 ^{d,g}	25,000 ^{e,k,f,g}	---	5,100	200	1,100	3,200	<1000	0.48	Not operating
	9/6/2007	16.55	Sheen ^{Field & Lab}	146.39		41,000 ^{d,g}	14,000 ^{e,f,g}	---	4,400	180	1,000	3,800	<700	0.70	Not operating
	12/8/2007	14.49	Sheen ^{Field & Lab}	148.45		33,000 ^{d,g}	4,000 ^{e,f,g}	---	4,300	120	370	2,200	<250	0.77	Not operating
	3/9/2008	10.40	Sheen ^{Field}	152.54	Z	23,000 ^d	3,400 ^e	310	4,200	120	650	1,600	<250	0.71	Not operating
	6/14/2008	15.92	Sheen ^{Field}	147.02	Z	36,000 ^d	4,900 ^e	600	4,700	140	830	1,600	<500	1.05	Not operating
	9/6/2008	16.65	Sheen ^{Field & Lab}	146.29	Z ^{TPHd}	42,000 ^{d,g}	7,900 ^{e,f,g}	---	5,800	190	1,100	2,400	<800	1.03	Not operating
	12/28/2008	12.72	Sheen^{Field & Lab}	150.22	Z^{TPHd}	24,000^{d,g}	4,100^{e,g}	<250	4,100	91	380	960	(91)	0.91	Not operating
MW-4	3/20/1997	13.75	---	83.59		47,000	3,100	---	11,000	4,500	1,100	5,200	3,400	8.4	
97.34	6/25/1997	16.15	---	81.19		61,000	5,800 ^b	---	16,000	6,100	1,500	5,900	780 ^c	1.4	
	9/17/1997	17.10	---	80.24		60,000 ^d	4,400 ^e	---	17,000	4,900	1,500	5,700	<1,500	1.5	
	12/22/1997	9.21	---	88.13		43,000 ^d	3,100 ^e	---	13,000	3,900	1,100	4,200	<960	3.7	
	3/18/1998	9.54	---	87.80		58,000 ^d	5,500 ^{e,f}	---	14,000	4,700	1,400	5,700	<1,200	0.8	

TABLE 2

**MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	GW Depth	SPH	GW Elev.	Note	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	DPE System
TOC		(ft TOC)	(ft)	(ft msl)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	Status
MW-4	7/14/1998	14.15	---	83.19		73,000 ^d	2,900 ^{e,f}	---	22,000	7,000	1,800	7,300	<200	1.0	
Continued	9/30/1998	16.84	---	80.50		39,000	2,100	---	12,000	2,700	1,000	3,400	510	1.1	
	12/8/1998	13.45	---	83.89		27,000	1,600	---	8,900	1,600	730	2,300	<1,500	---	
	3/29/1999	9.10	---	88.24		48,000 ^d	2,400 ^{e,f,h}	---	15,000	3,000	1,300	5,000	1,300	1.32	
	06/29/99*	---	---	---		---	---	---	---	---	---	---	---	---	
	9/28/1999	16.58	---	80.76		24,000 ^d	3,200 ^{e,f}	---	7,500	1,200	190	2,200	210	14.29 [#]	
	12/10/1999	13.99	---	83.35		47,000 ^d	3,100 ^{e,f}	---	12,000	1,800	1,000	4,400	<100	0.62	
	3/23/2000	10.22	---	87.12		40,000 ^d	3,100 ^{e,f}	---	11,000	1,600	910	3,100	690	---	
	9/7/2000	16.40	---	80.94		43,000 ^d	5,900 ^e	---	10,000	1,100	1,100	3,400	<450	1.04	
	12/5/2000	15.55	---	81.79		69,000 ^{d,g}	2,600 ^{e,g}	---	16,000	1,300	1,300	3,400	<200	0.35	Not operating
	3/20/2001	14.03	---	83.31		46,000	---	---	13,000	1,000	900	2,800	<350	0.39	Not operating
	6/6/2001	15.49	---	81.85		75,000	5,400	---	22,000	1,800	1,900	6,400	<1,200	2.22	Not operating
	8/30/2001	18.00	---	79.34		43,000 ^a	3,200 ^d	---	6,400	630	510	2,600	<200	0.32	Operating
	12/7/2001	23.45	---	73.89		32,000 ^{d,g}	11,000 ^{e,f,g}	---	4,500	740	310	2,300	<200	0.21	Operating
	3/11/2002	14.95	---	82.39		15,000 ^d	1,600 ^{e,f,k}	---	3,700	500	92	790	<500	0.30	Operating
	6/10/2002	22.30	---	75.04		9,400 ^d	3,400 ^e	---	1,400	50	<5.0	690	<200	---	Operating
	9/26/2002	17.93	---	79.41		21,000 ^d	800 ^e	---	3,300	1,300	450	2,900	<500	0.24	Operating
	11/21/2002	17.55	---	79.79		5,700 ^d	2,400 ^{e,k}	---	1,400	290	63	640	550	---	Operating
	1/13/2003	11.75	Sheen ^{Lab}	85.59		35,000 ^{d,g}	15,000 ^{e,f,g,k}	---	5,100	1,500	510	4,500	<800	0.28	Not operating
	4/25/2003	19.37	---	77.97		6,600 ^d	2,200 ^{e,f}	---	960	130	100	560	<170	---	Operating
	5/30/2003	13.56	---	83.78		---	---	---	---	---	---	---	---	---	Not operating
	9/3/2003	21.65	---	75.69		29,000 ^d	27,000 ^{e,f}	---	2,200	380	280	2,300	65	---	Operating
	12/2/2003	19.17	---	78.17		13,000 ^d	5,800 ^{e,f}	---	1,300	180	120	1,900	<250	---	Operating
	3/18/2004	14.92	---	82.42		5,300 ^d	1,500 ^e	---	1,300	55	37	440	<180	---	Operating
163.49	6/16/2004	16.02	---	147.47		9,100 ^d	3,400 ^{e,f}	---	940	96	120	800	<50	---	Not operating
	9/27/2004	19.93	---	143.56		1,300 ^d	980 ^{e,f,k}	---	140	10	11	81	<50	0.68	Not operating
	12/27/2004	14.79	Sheen ^{Lab}	148.70		10,000 ^{d,g}	5,300 ^{e,f,g,k}	---	1,000	99	34	1,600	<50	0.74	Not operating
	3/7/2005	7.81	Sheen ^{Field & Lab}	155.68		15,000 ^{d,g}	9,300 ^{e,f,g}	---	1,100	140	88	1,900	<100	0.65	Not operating
	6/21/2005	11.82	Sheen ^{Field & Lab}	151.67		30,000 ^{d,g}	12,000 ^{e,g}	---	3,300	270	250	2,800	<500	---	Not operating
	9/21/2005	16.55	Sheen ^{Field & Lab}	146.94		12,000 ^{d,g}	15,000 ^{e,f,k,g}	---	540	100	54	1,800	<50	0.89	Not operating
	12/14/2005	14.43	Sheen ^{Field & Lab}	149.06		5,200 ^{d,g}	9,800 ^{e,f,k,g}	---	710	41	91	540	<50	0.91	Not operating

TABLE 2

**MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	GW Depth	SPH	GW Elev.	Note	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	DPE System
TOC		(ft TOC)	(ft)	(ft msl)		($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	(mg/L)	Status
MW-4	3/22/2006	7.52	Sheen ^{Field & Lab}	155.97		17,000 ^{d,g}	9,300 ^{e,f,k,g}	---	2,000	230	150	1,900	<50	0.80	Not operating
Continued	6/30/2006	15.00	Sheen ^{Field & Lab}	148.49		18,000 ^{d,g}	19,000 ^{e,f,g}	---	1,400	50	60	1,300	<100	0.85	Not operating
	9/5/2006	16.96	Sheen ^{Field & Lab}	146.53		30,000 ^{d,g}	9,400 ^{e,f,k,g}	---	1,400	180	110	4,300	<500	0.75	Not operating
	12/6/2006	15.95	Sheen ^{Field & Lab}	147.54		21,000 ^{d,g}	22,000 ^{e,f,g}	---	920	56	73	1,500	<100	0.71	Not operating
	3/16/2007	10.71	Sheen ^{Field & Lab}	152.78		13,000 ^{d,g}	2,700 ^{e,f,k,g}	---	1,400	32	93	740	<100	0.65	Not operating
	6/15/2007	15.43	Sheen ^{Field & Lab}	148.06		14,000 ^{d,g}	7,200 ^{e,g}	---	1,200	46	63	850	<110	0.61	Not operating
	9/6/2007	17.25	Sheen ^{Field & Lab}	146.24		27,000 ^{d,g}	8,400 ^{e,f,k,g}	---	1,500	150	120	4,500	<250	0.55	Not operating
	12/8/2007	15.15	Sheen ^{Field & Lab}	148.34		7,600 ^{d,g}	790 ^{e,f,g}	---	690	27	39	570	<80	0.72	Not operating
	3/9/2008	10.77	Sheen ^{Field}	152.72	Z	8,100 ^d	3,000 ^e	<250	830	7.7	55	310	<50	0.79	Not operating
	6/14/2008	16.68	Sheen ^{Field}	146.81	Z	15,000 ^d	4,200 ^e	<250	1,100	50	86	1,300	<150	1.20	Not operating
	9/6/2008	17.27	Sheen ^{Field & Lab}	146.22	Z ^{TPHd}	24,000 ^{d,g}	2,800 ^{e,g}	---	1,400	65	130	2,300	<250	1.28	Not operating
	12/28/2008	13.35	Sheen^{Field & Lab}	150.14	Z^{TPHd}	7,500^{d,g}	1,800^{e,g}	<250	630	21	40	210	(22)	1.20	Not operating
RW-5	1/13/2003	10.20	---	---		14,000	3,000	---	2,100	750	300	1,800	950	0.17	
162.34	3/18/2003	14.48	---	---		12,000	--	---	2,000	380	190	1,500	830	---	
	6/16/2004	14.73	---	147.61		---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	25.55	---	136.79		---	---	---	---	---	---	---	---	---	Operating
	12/27/2004	10.45	---	151.89		---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	4.42	Sheen ^{Field}	157.92		7,000 ^d	6,100 ^{e,f,k}	---	720	63	97	670	<400	0.93	Not operating
	6/21/2005	10.02	Sheen ^{Field}	152.32		11,000 ^d	490 ^e	---	1,200	67	68	690	<500	---	Not operating
	9/21/2005	15.07	Sheen ^{Field & Lab}	147.27		2,000 ^{d,g}	2,500 ^{e,f,k,g}	---	390	16	24	170	1,300	0.99	Not operating
	12/14/2005	12.95	Sheen ^{Field & Lab}	149.39		8,900 ^{d,g}	6,200 ^{e,f,k,g}	---	1,500	92	180	750	2,300	1.03	Not operating
	3/22/2006	2.55	Sheen ^{Field}	159.79		7,400 ^d	2,700 ^{e,f,k}	---	59	76	20	120	<50	1.10	Not operating
	6/30/2006	13.32	Sheen ^{Field}	149.02		3,100 ^d	3,100 ^{e,f,k}	---	590	15	27	88	410	0.89	Not operating
	9/5/2006	15.55	Sheen ^{Field & Lab}	146.79		5,300 ^{d,g}	3,200 ^{e,f,k,g}	---	1,000	31	61	230	370	0.81	Not operating
	12/6/2006	14.53	Sheen ^{Field & Lab}	147.81		8,500 ^{d,g}	5,500 ^{e,f,g}	---	1,200	24	91	250	<900	0.79	Not operating
	3/16/2007	8.81	Sheen ^{Field & Lab}	153.53		2,400 ^{d,g}	2,500 ^{e,f,k,g}	---	180	3.3	7.3	10	<17	0.62	Not operating
	6/15/2007	13.84	Sheen ^{Field & Lab}	148.50		3,700 ^{d,g}	2,000 ^{e,k,f,g}	---	730	14	36	80	<150	0.65	Not operating
	9/6/2007	15.85	Sheen ^{Field}	146.49		2,500 ^d	1,000 ^{e,f}	---	600	12	24	92	180	0.68	Not operating
	12/8/2007	13.99	Sheen ^{Field}	148.35		1,900 ^d	370 ^{e,f}	---	220	4.0	10	38	500	0.74	Not operating
	3/9/2008	8.77	Sheen ^{Field}	153.57	Z	1,100 ^d	90 ^e	<250	220	5.3	4.9	10	<90	0.92	Not operating

TABLE 2

MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	GW Depth	SPH	GW Elev.	Note	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	DPE System
TOC		(ft TOC)	(ft)	(ft msl)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	Status
RW-5	6/14/2008	15.21	Sheen ^{Field}	147.13	Z	1,200 ^d	190 ^e	<250	310	5.8	3.5	25	<250	1.73	Not operating
Continued	9/6/2008	16.01	Sheen ^{Field}	146.33	Z ^{TPHd}	1,100 ^d	220 ^e	---	120	2.6	2.2	13	120	1.42	Not operating
	12/28/2008	10.55	Sheen^{Field}	151.79	Z^{TPHd}	1,200^{d,n}	250^m	<250	110	5.6	2.5	9.8	(81)	1.13	Not operating
RW-6	3/11/2002	--	---	---		14,000	3,100	---	970	520	170	2,200	<130	---	
162.36	1/13/2003	10.35	---	---		15,000	2,900	---	2,200	1,200	130	2,200	440	0.24	
	3/18/2004	11.47	---	---		8,500	---	---	1,300	260	71	990	1,300	--	
	6/16/2004	14.80	---	147.56		---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	18.46	---	143.90		---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	9.82	---	152.54		---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	6.05	---	156.31		---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	10.13	---	152.23		---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	15.13	---	147.23		---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	13.02	---	149.34		---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	5.85	---	156.51		---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	13.44	---	148.92		---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	15.63	---	146.73		---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	14.63	---	147.73		---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	8.89	---	153.47		---	---	---	---	---	---	---	---	---	Not operating
	6/15/2007	13.90	---	148.46		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2007	15.92	---	146.44		---	---	---	---	---	---	---	---	---	Not operating
	12/8/2007	14.21	---	148.15		---	---	---	---	---	---	---	---	---	Not operating
	3/9/2008	8.93	---	153.43		---	---	---	---	---	---	---	---	---	Not operating
	6/14/2008	15.28	---	147.08		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2008	16.08	---	146.28		---	---	---	---	---	---	---	---	---	Not operating
	12/28/2008	12.02	---	150.34		---	---	---	---	---	---	---	---	---	Not operating
RW-7	3/11/2002	---	---	---		<50	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	
162.72	1/13/2003	10.95	---	---		<50	67	---	<0.5	<0.5	<0.5	<0.5	<5.0	0.22	
	3/18/2004	15.33	---	---		250	---	---	66	4.8	3.2	10	<15	--	
	6/16/2004	15.22	---	147.50		---	---	---	---	---	---	---	---	---	Not operating

MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	GW Depth	SPH	GW Elev.	Note	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	DPE System
TOC		(ft TOC)	(ft)	(ft msl)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	Status
RW-7	9/27/2004	18.98	---	143.74		---	---	---	---	---	---	---	---	---	Not operating
Continued	12/27/2004	9.85	---	152.87		---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	5.82	---	156.90		---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	10.85	---	151.87		---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	15.70	---	147.02		---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	13.58	---	149.14		---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	5.75	---	156.97		---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	14.05	---	148.67		---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	16.12	---	146.60		---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	15.13	---	147.59		---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	9.69	---	153.03		---	---	---	---	---	---	---	---	---	Not operating
	6/15/2007	14.54	---	148.18		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2007	16.42	---	146.30		---	---	---	---	---	---	---	---	---	Not operating
	12/8/2007	14.46	---	148.26		---	---	---	---	---	---	---	---	---	Not operating
	3/9/2008	9.69	---	153.03		---	---	---	---	---	---	---	---	---	Not operating
	6/14/2008	15.80	---	146.92		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2008	16.51	---	146.21		---	---	---	---	---	---	---	---	---	Not operating
		12/28/2008	12.62	---	150.10		---	---	---	---	---	---	---	---	---
RW-8	3/11/2002	---	---	---		1,300	80	---	620	11	15	14	<60	---	
164.13	1/13/2003	12.80	---	---		390	56	---	150	11	4.1	4.1	13	0.31	
	3/18/2004	15.34	---	---		760	---	---	310	9.9	11	16	<25	---	
	6/16/2004	16.41	---	147.72		---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	19.74	---	144.39		---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	12.32	---	151.81		---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	8.10	---	156.03		---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	12.15	---	151.98		---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	16.90	---	147.23		---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	14.80	---	149.33		---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	7.88	---	156.25		---	---	---	---	---	---	---	---	---	Not operating
6/30/2006	15.31	---	148.82		---	---	---	---	---	---	---	---	---	Not operating	

**MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>GW Depth</i>	<i>SPH</i>	<i>GW Elev.</i>	<i>Note</i>	<i>TPHg</i>	<i>TPHd</i>	<i>TPHmo</i>	<i>Benzene</i>	<i>Toluene</i>	<i>Ethylbenzene</i>	<i>Xylenes</i>	<i>MTBE</i>	<i>DO</i>	<i>DPE System</i>
<i>TOC</i>		<i>(ft TOC)</i>	<i>(ft)</i>	<i>(ft msl)</i>		<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(mg/L)</i>	<i>Status</i>
RW-8	9/5/2006	17.38	---	146.75		---	---	---	---	---	---	---	---	---	Not operating
<i>Continued</i>	12/6/2006	16.37	---	147.76		---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	11.04	---	153.09		---	---	---	---	---	---	---	---	---	Not operating
	6/15/2007	15.81	---	148.32		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2007	17.63	---	146.50		---	---	---	---	---	---	---	---	---	Not operating
	12/8/2007	15.60	---	148.53		---	---	---	---	---	---	---	---	---	Not operating
	3/9/2008	11.05	---	153.08		---	---	---	---	---	---	---	---	---	Not operating
	6/14/2008	17.07	---	147.06		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2008	17.70	---	146.43		---	---	---	---	---	---	---	---	---	Not operating
	12/28/2008	13.80	---	150.33		---	---	---	---	---	---	---	---	---	Not operating
RW-9	3/11/2002	---	---	---		12,000	880	---	3,400	230	78	1,300	<240	---	
163.86	1/13/2003	11.85	---	---		23,000	2,000	---	7,700	610	310	310	<500	0.39	
	3/18/2004	13.69	---	---		2,300	---	---	770	32	15	200	<50	---	
	6/16/2004	16.03	---	147.83		---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	19.83	---	144.03		---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	24.88	---	138.98		---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	7.87	---	155.99		9,000 ^d	510 ^e	---	2,600	69	200	550	<500	0.91	Not operating
	6/21/2005	11.90	---	151.96		9,400 ^d	630 ^e	---	2,400	69	210	470	<350	---	Not operating
	9/21/2005	16.62	Sheen ^{Lab}	147.24		8,300 ^{d,g}	820 ^{e,f,g}	---	2,500	36	190	310	<170	1.04	Not operating
	12/14/2005	14.52	---	149.34		6,300 ^d	1,100 ^{e,f}	---	1,900	29	150	260	<50	0.98	Not operating
	3/22/2006	7.63	---	156.23		7,600 ^d	680 ^e	---	2,900	59	190	310	<200	0.95	Not operating
	6/30/2006	15.04	---	148.82		14,000 ^d	1,400 ^e	---	3,100	53	130	260	<300	0.73	Not operating
	9/5/2006	17.02	---	146.84		14,000 ^d	1,100 ^e	---	3,900	39	200	230	<330	0.69	Not operating
	12/6/2006	16.04	Sheen ^{Lab}	147.82		13,000 ^{d,g}	660 ^{e,g}	---	3,000	29	180	260	<250	0.74	Not operating
	3/16/2007	10.83	Sheen ^{Lab}	153.03		16,000 ^{d,g}	1,200 ^e	---	3,700	76	230	340	<350	0.71	Not operating
	6/15/2007	15.48	---	148.38		12,000 ^d	670 ^e	---	3,000	44	170	220	<250	0.68	Not operating
	9/6/2007	17.29	Sheen ^{Field & Lab}	146.57		13,000 ^{d,g}	2,200 ^{e,f,g}	---	2,700	61	240	350	<400	0.66	Not operating
	12/8/2007	15.22	Sheen ^{Field}	148.64		9,300 ^d	1,000 ^{e,f}	---	2,900	24	150	170	<250	0.89	Not operating
	3/9/2008	10.86	---	153.00	Z	10,000 ^d	570 ^e	<250	4,200	71	180	380	<35	0.86	Not operating
	6/14/2008	16.71	---	147.15	Z	8,100 ^d	610	<250	2,800	33	100	220	<210	1.29	Not operating

TABLE 2

MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	GW Depth	SPH	GW Elev.	Note	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	DPE System
TOC		(ft TOC)	(ft)	(ft msl)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	Status
RW-9	9/6/2008	17.31	Sheen ^{Lab}	146.55	Z ^{TPHd}	13,000 ^{d,g}	1,600 ^{e,g}	---	3,600	52	170	220	<350	1.22	Not operating
Continued	12/28/2008	13.41	Sheen^{Field}	150.45	Z^{TPHd}	7,300^d	950^e	<250	3,500	24	150	200	(30)	1.28	Not operating
RW-10	3/11/2002	---	---	---		12,000	740	---	3,900	150	110	1,100	<270	---	
163.02	1/13/2003	10.75	---	---		4,300	330	---	1,500	43	98	98	<100	0.41	
	3/18/2004	13.13	---	---		5,800	---	---	2,400	11	<10	110	<300	---	
	6/16/2004	15.03	---	147.99		---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	18.35	---	144.67		---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	19.39	---	143.63		---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	6.40	---	156.62		---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	10.95	---	152.07		---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	15.51	---	147.51		---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	13.37	---	149.65		---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	6.53	---	156.49		---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	14.13	---	148.89		---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	15.98	---	147.04		---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	15.02	---	148.00		---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	9.91	---	153.11		---	---	---	---	---	---	---	---	---	Not operating
	6/15/2007	14.52	---	148.50		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2007	16.23	---	146.79		---	---	---	---	---	---	---	---	---	Not operating
	12/8/2007	14.23	---	148.79		---	---	---	---	---	---	---	---	---	Not operating
	3/9/2008	9.96	---	153.06		---	---	---	---	---	---	---	---	---	Not operating
	6/14/2008	15.64	---	147.38		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2008	16.23	---	146.79		---	---	---	---	---	---	---	---	---	Not operating
	12/28/2008	12.42	---	150.60		---	---	---	---	---	---	---	---	---	Not operating
RW-11	3/11/2002	---	---	---		260	<50	---	34	5.3	8.1	48	<5.0	---	
162.57	1/13/2003	9.80	---	---		5,300	2,700	---	490	110	120	120	180	0.24	
	3/18/2004	12.45	---	---		9,300	---	---	980	120	180	770	2,000	---	
	6/16/2004	14.75	---	147.82		---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	18.44	---	144.13		---	---	---	---	---	---	---	---	---	Not operating

TABLE 2

MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	GW Depth	SPH	GW Elev.	Note	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	DPE System
TOC		(ft TOC)	(ft)	(ft msl)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	Status
RW-11	12/27/2004	10.07	---	152.50		---	---	---	---	---	---	---	---	---	Not operating
Continued	3/7/2005	5.95	---	156.62		---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	9.96	---	152.61		---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	15.09	---	147.48		---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	12.96	---	149.61		---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	5.70	---	156.87		---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	13.36	---	149.21		---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	15.56	---	147.01		---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	14.55	---	148.02		---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	8.85	---	153.72		---	---	---	---	---	---	---	---	---	Not operating
	6/15/2007	13.90	---	148.67		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2007	15.84	---	146.73		---	---	---	---	---	---	---	---	---	Not operating
	12/8/2007	13.83	---	148.74		---	---	---	---	---	---	---	---	---	Not operating
	3/9/2008	8.81	---	153.76		---	---	---	---	---	---	---	---	---	Not operating
	6/14/2008	15.26	---	147.31		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2008	15.99	---	146.58		---	---	---	---	---	---	---	---	---	Not operating
	12/28/2008	12.01	---	150.56		---	---	---	---	---	---	---	---	---	Not operating
RW-12	3/11/2002	---	---	---		13,000	900	---	4,500	130	130	270	<5.0	---	
163.06	1/13/2003	10.90	---	---		4,100	1,800	---	1,000	130	99	99	<100	0.21	
	3/18/2004	13.63	---	---		17,000	---	---	2,700	960	230	1,500	1,400	---	
	6/16/2004	15.30	---	147.76		---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	19.09	---	143.97		---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	10.85	---	152.21		---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	6.59	---	156.47		---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	10.58	---	152.48		---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	15.63	---	147.43		---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	13.43	---	149.63		---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	6.35	---	156.71		---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	13.95	---	149.11		---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	16.11	---	146.95		---	---	---	---	---	---	---	---	---	Not operating

TABLE 2

MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	GW Depth	SPH	GW Elev.	Note	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	DPE System
TOC		(ft TOC)	(ft)	(ft msl)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	Status
RW-12	12/6/2006	15.11	---	147.95		---	---	---	---	---	---	---	---	---	Not operating
Continued	3/16/2007	9.52	---	153.54		---	---	---	---	---	---	---	---	---	Not operating
	6/15/2007	14.44	---	148.62		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2007	16.42	---	146.64		---	---	---	---	---	---	---	---	---	Not operating
	12/8/2007	14.87	---	148.19		---	---	---	---	---	---	---	---	---	Not operating
	3/9/2008	9.43	---	153.63		---	---	---	---	---	---	---	---	---	Not operating
	6/14/2008	15.74	---	147.32		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2008	16.58	---	146.48		---	---	---	---	---	---	---	---	---	Not operating
	12/28/2008	12.80	---	150.26		---	---	---	---	---	---	---	---	---	Not operating
RW-13	3/11/2002	---	---	---		830	79	---	190	13	13	34	<5.0	---	
164.34	1/13/2003	11.20	---	---		210	92	---	54	2.0	2.7	2.7	<5.0	0.35	
	3/18/2004	13.45	---	---		150	---	---	47	1.0	2.1	1.5	<5.0	---	
	6/16/2004	15.83	---	148.51		---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	19.55	---	144.79		---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	18.12	---	146.22		---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	6.90	---	157.44		---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	11.05	---	153.29		---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	16.20	---	148.14		---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	14.11	---	150.23		---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	6.65	---	157.69		---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	14.44	---	149.90		---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	16.62	---	147.72		---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	15.70	---	148.64		---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	9.93	---	154.41		---	---	---	---	---	---	---	---	---	Not operating
	6/15/2007	14.98	---	149.36		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2007	16.95	---	147.39		---	---	---	---	---	---	---	---	---	Not operating
	12/8/2007	14.97	---	149.37		---	---	---	---	---	---	---	---	---	Not operating
	3/9/2008	9.85	---	154.49		---	---	---	---	---	---	---	---	---	Not operating
6/14/2008	16.32	---	148.02		---	---	---	---	---	---	---	---	---	Not operating	

TABLE 2

MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	GW Depth	SPH	GW Elev.	Note	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	DPE System
TOC		(ft TOC)	(ft)	(ft msl)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	Status
RW-13	9/6/2008	17.10	---	147.24		---	---	---	---	---	---	---	---	---	Not operating
<i>Continued</i>	12/28/2008	13.26	---	151.08		---	---	---	---	---	---	---	---	---	Not operating
RW-14	3/11/2002	---	---	---		270	82	---	44	0.99	<0.5	4.2	<5.0	---	
163.76	1/13/2003	11.00	---	---		3700	6800	---	230	77	91	91	<50	0.38	
	3/18/2004	12.81	---	---		220	---	---	42	1.4	0.99	5.2	<5.0	---	
	6/16/2004	15.41	---	148.35		---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	19.20	---	144.56		---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	12.62	---	151.14		---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	6.61	---	157.15		---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	10.80	---	152.96		---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	15.82	---	147.94		---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	13.73	---	150.03		---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	6.43	---	157.33		---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	14.10	---	149.66		---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	16.21	---	147.55		---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	15.31	---	148.45		---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	9.66	---	154.10		---	---	---	---	---	---	---	---	---	Not operating
	6/15/2007	14.61	---	149.15		---	---	---	---	---	---	---	---	---	Not operating
	9/6/2007	16.54	---	147.22		---	---	---	---	---	---	---	---	---	Not operating
	12/8/2007	14.57	---	149.19		---	---	---	---	---	---	---	---	---	Not operating
	3/9/2008	9.60	---	154.16		---	---	---	---	---	---	---	---	---	Not operating
	06/14/08	15.90	---	147.86		---	---	---	---	---	---	---	---	---	Not operating
	09/06/08	16.68	---	147.08		---	---	---	---	---	---	---	---	---	Not operating
	12/28/08	12.82	---	150.94		---	---	---	---	---	---	---	---	---	Not operating

**MONITORING WELL
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35th AVENUE, OAKLAND, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>GW Depth</i>	<i>SPH</i>	<i>GW Elev.</i>	<i>Note</i>	<i>TPHg</i>	<i>TPHd</i>	<i>TPHmo</i>	<i>Benzene</i>	<i>Toluene</i>	<i>Ethylbenzene</i>	<i>Xylenes</i>	<i>MTBE</i>	<i>DO</i>	<i>DPE System</i>
TOC		(ft TOC)	(ft)	(ft msl)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	Status

Methods and Abbreviations:

TOC = Top of casing elevation measured in feet relative to surveyor's datum
 All site wells were re-surveyed by Virgil Chavez Land Surveying on June 2, 2004 to the CA State Coordinate System, Zone III (NAD83). Benchmark elevation = 177.397 feet (NGVD 29)
 TOC GW Depth = Groundwater depth measured in feet below TOC.
 GW Elev. = Groundwater elevation measured in feet above mean sea level.
 ft = Measured in feet
 SPH = Separate-phase hydrocarbons depth measured from TOC.
 Z = Laboratory used Zemo Gravity Separation Protocol for Extractables & Purgeables
 Z^{TPHd} = Laboratory used Zemo Gravity Separation Protocol for Extractables (TPHd)
 TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method SW8015C
 TPHd = Total petroleum hydrocarbons as diesel by modified EPA Method SW8015C
 TPHmo = Total petroleum hydrocarbons as motor oil by modified EPA Method SW8015C
 Benzene, Toluene, Ethylbenzene, and Xylenes by EPA Method SW8021B
 MTBE = Methyl tertiary butyl ether by EPA Method SW8021B; in paranthesis by EPA Method 8260B
 DO = Dissolved oxygen
 µg/L = Micrograms per liter, equivalent to parts per billion in water
 mg/L = Milligrams per liter, equivalent to parts per million in water
 DPE = Dual-phase extraction remediation
 Sheen = A sheen was observed on the water's surface.
 Field = Observed in field
 Lab = Observed in analytical laboratory

Notes:

a = Result has an atypical pattern for diesel analysis
 b = Result appears to be a lighter hydrocarbon than diesel
 c = There is a >40% difference between primary and confirmation analysis
 d = Unmodified or weakly modified gasoline is significant
 e = Gasoline range compounds are significant
 f = Diesel range compounds are significant; no recognizable pattern
 g = Lighter than water immiscible sheen/product is present
 h = One to a few isolated peaks present
 i = Medium boiling point pattern does not match diesel (stoddard solvent)
 j = Aged diesel is significant
 k = Oil range compounds are significant
 l = Liquid sample that contains greater than ~1 vol. % sediment
 m = Stoddard solvent/mineral spirit
 n = Strongly aged gasoline or diesel range compounds are significant in the TPHg chromatogram.
 * = Well inaccessible during site visit
 ** = No water in well due to system operating in well, value reflects total well depth.
 # = abnormally high reading due to added hydrogen peroxide
 --- = Not sampled; not analyzed ; not applicable; or no SPH measured or observed

**MONITORING WELL
GROUNDWATER ANALYTICAL DATA - OXYGENATED VOLATILE ORGANIC COMPOUNDS
FORMER EXXON SERVICE STATION
3055 35TH AVENUE, OAKLAND, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>GW Depth</i>	<i>GW Elev.</i>	<i>TAME</i>	<i>TBA</i>	<i>EDB</i>	<i>1,2-DCA</i>	<i>DIPE</i>	<i>ETBE</i>	<i>Notes</i>
<i>TOC</i>		<i>(ft TOC)</i>	<i>(ft msl)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	
MW-1	9/6/2008	20.66	146.36	<1.2	59	<1.2	<1.2	<1.2	<1.2	
167.02	12/28/2008	16.57	150.45	<1.7	59	<1.7	<1.7	<1.7	<1.7	
MW-2	9/6/2008	19.41	146.73	<2.5	92	<2.5	<2.5	<2.5	<2.5	a
166.14	12/28/2008	15.73	150.41	<2.5	110	<2.5	<2.5	<2.5	<2.5	
MW-3	9/6/2008	16.65	146.29	<17	360	<17	<17	<17	<17	a
162.94	12/28/2008	12.72	150.22	<10	190	<10	<10	<10	<10	a
MW-4	9/6/2008	17.27	146.22	<2.5	63	<2.5	<2.5	<2.5	<2.5	a
163.49	12/28/2008	13.35	150.14	<2.5	55	<2.5	<2.5	<2.5	<2.5	a
RW-5	9/6/2008	16.01	146.33	<2.5	410	<2.5	<2.5	<2.5	<2.5	
162.34	12/28/2008	10.55	151.79	<2.5	77	<2.5	<2.5	<2.5	<2.5	
RW-9	9/6/2008	17.31	146.55	<10	230	<10	<10	<10	<10	a
163.86	12/28/2008	13.41	150.45	<5.0	190	<5.0	<5.0	<5.0	<5.0	

Abbreviations:

TOC = Top of casing

TOC Elevations surveyed by Virgil Chavez Land Surveying on June 2, 2004

to CA State Coordinate System, Zone III (NAD83);

Benchmark elevation = 177.397 feet (NGVD 29)

GW Depth = Groundwater depth measured in feet below top of casing

GW Elev. = Groundwater elevation measured in feet above mean sea level

ft TOC = Feet below top of casing

ft msl = Feet above mean sea level

µg/L = Micrograms per liter

TAME = Tert-amyl methyl ether by EPA Method SW8260B

TBA = t-Butyl alcohol by EPA Method SW8260B

EDB = 1,2-Dibromoethane by EPA Method SW8260B

1,2-DCA = 1,2-Dichloroethane by EPA Method SW8260B

DIPE = Diisopropyl ether by EPA Method SW8260B

ETBE = Ethyl tert-butyl ether by EPA Method SW8260B

Laboratory Analytical Notes

a = Lighter than water immiscible sheen/product is present

TABLE 4

**GRAB GROUNDWATER ANALYTICAL DATA
FORMER EXXON SERVICE STATION
3055 35TH AVENUE
OAKLAND, CALIFORNIA**

Sample ID	Date	Boring	GW	TPHg	TPHd	Benzene	Toluene	Ethyl- benzene	Xylenes	MTBE	TAME	TBA	EDB	1,2- DCA	DIPE	ETBE	Methanol	Ethanol	Notes
<i>Offsite Borings - 2007</i>																			
B-13	7/16/2007	30	14.61	8,000	7,100	110	390	250	990	(1,500)	<50	<500	<50	<50	<50	<50	--	<5,000	a,b,d,g
B-14	7/13/2007	30	14.05	1,100	270	150	55	34	170	(3,500)	<50	<500	<50	<50	<50	<50	--	<5,000	a,d,f
B-16	7/23/2007	24	12.50	69,000	6,000	7,700	1,500	1,600	8,200	(430)	<25	<250	<25	<25	<25	<25	--	<2500	a,d
B-17	7/23/2007	24	11.73	<50	<50	<0.5	<0.5	<0.5	<0.5	(12)	<0.5	<5	<0.5	<0.5	<0.5	<0.5	--	<50	
<i>Offsite Borings - 2008</i>																			
B-21-30	11/4/2008	30	NM	<50	60	<0.5	<0.5	<0.5	<0.5	(170)	<5.0	<20	<5.0	<5.0	<5.0	<5.0	--	<500	e2
B-22-30	11/3/2008	30	NM	<50	68	<0.5	<0.5	<0.5	<0.5	(<0.5)	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<500	<50	e2
B-23-30	11/3/2008	30	NM	<50	<50	<0.5	<0.5	<0.5	<0.5	(<0.5)	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<500	<50	
B-24-30	11/7/2008	30	NM	<50	73	<0.5	<0.5	<0.5	<0.5	(1.2)	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	--	600	e2
B-25-30	11/7/2008	30	NM	<50	330	<0.5	<0.5	<0.5	<0.5	(12)	<0.5	2.2	<0.5	<0.5	<0.5	<0.5	--	<50	b1, e7, e2, e6
B-26-30	11/6/2008	30	NM	<50	<50	<0.5	<0.5	<0.5	<0.5	(0.54)	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	--	<50	b1
B-27-30	11/6/2008	30	NM	<50	<50	<0.5	<0.5	<0.5	<0.5	(150)	<2.5	<10	<2.5	3.5	<2.5	<2.5	--	<250	
B-28-30	11/6/2008	30	NM	<50	53	<0.5	<0.5	<0.5	<0.5	(29)	<0.5	2.8	<0.5	3.9	<0.5	<0.5	--	<50	b1, e2
<i>Onsite Borings - 2008</i>																			
B-18A-30	10/31/2008	45	30	380	350	23	2.6	5.9	54	<10 (7.0)	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	--	<50	d1, e4

Methods and Abbreviations:

GW Depth = Groundwater depth measured in feet below ground surface

ft = Measured in feet

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method SW8015C

TPHd = Total petroleum hydrocarbons as diesel by modified EPA Method SW8015C

TPHmo = Total petroleum hydrocarbons as motor oil by modified EPA Method SW8015C

Benzene, Toluene, Ethylbenzene, and Xylenes by EPA Method SW8021B

MTBE = Methyl tertiary-butyl ether by EPA Method SW8021B; in parentheses by SW8260B

µg/L = Micrograms per liter, equivalent to parts per billion in water

--- = Not observed/not analyzed

NM = Not Measured

Notes:

a = unmodified or weakly modified gasoline is significant

b = diesel range compounds are significant; no recognizable pattern

d = gasoline range compounds are significant

f = one to a few isolated peaks present

g = oil range compounds are significant

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

d1 = weakly modified or unmodified gasoline is significant

e2 = diesel range compounds are significant; no recognizable pattern

e4 = gasoline range compounds are significant

e6 = one to a few isolated peaks present in the TPH(d/mo) chromatogram

e7 = oil range compounds are significant

TABLE 5

**SOIL ANALYTICAL DATA
PETROLEUM HYDROCARBONS
FORMER EXXON SERVICE STATION
3055 35TH AVENUE
OAKLAND, CALIFORNIA**

Sample ID	Date Sampled	Sample Depth (ft)	GW Depth (ft)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
				<----- Concentrations in mg/kg ----->							
B1	11/5/1991	15	---	19	---	0.15	0.34	0.14	1.6	---	
B1	11/5/1991	20	---	1500	---	56	44	24	140	---	
B1	11/5/1991	30	---	<1.0	---	0.013	0.013	0.013	0.015	---	
B1	11/5/1991	35	---	<1.0	---	0.015	<0.0050	<0.0050	0.026	---	
B2	11/5/1991	15	---	290	---	0.057	1.3	3.8	17	---	
B2	11/5/1991	25	---	4.7	---	<0.0050	<0.0050	<0.0050	0.12	---	
B2	11/5/1991	35	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	
B3	11/6/1991	15	---	45	---	3.4	3.6	1.2	7.5	---	
B3	11/6/1991	20	---	130	---	1.9	4.7	2.4	19	---	
B3	11/6/1991	25	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	
B4	11/6/1991	25	---	1.0	---	0.27	0.18	0.018	0.17	---	
B4	11/6/1991	30	---	<1.0	---	<0.0050	0.0083	<0.0050	0.038	---	
B4	11/6/1991	35	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	
B5	11/6/1991	15	---	660	---	1.8	4.1	8.9	29	---	
B5	11/6/1991	20	---	97	---	3.2	1.2	1.7	4.6	---	
B5	11/6/1991	25	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	
B6	11/6/1991	15	---	1200	---	6.6	21	18	98	---	
B6	11/6/1991	20	---	7.3	---	1.5	1.5	0.36	1.8	---	
B6	11/6/1991	25	---	1.7	---	0.13	0.22	0.066	0.43	---	
B7	11/6/1991	15	---	2100	<1.0	28	100	38	290	---	ND VOCs/SVOCs
B7	11/6/1991	25	---	1.0	---	0.03	0.018	0.0058	0.06	---	
B7	11/6/1991	30	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	
B8	11/6/1991	15	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	
B8	11/6/1991	25	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	
B9	11/6/1991	15	---	480	---	5.9	23	8.9	72	---	
B10	11/6/1991	15	---	76	---	1.7	5.1	1.3	13	---	
B10	11/6/1991	20	---	260	---	7.3	21	6.6	54	---	
B10	11/6/1991	25	---	1.0	---	0.037	0.059	0.0089	0.064	---	

TABLE 5

**SOIL ANALYTICAL DATA
PETROLEUM HYDROCARBONS
FORMER EXXON SERVICE STATION
3055 35TH AVENUE
OAKLAND, CALIFORNIA**

Sample ID	Date Sampled	Sample Depth (ft)	GW Depth (ft)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
----- Concentrations in mg/kg ----->											
B10	11/6/1991	30	---	1.0	---	0.022	0.017	<0.0050	0.011	---	
B11	11/6/1991	15	---	20	---	0.034	0.033	0.55	1.0	---	
B11	11/6/1991	20	---	11	---	1.4	0.15	0.68	1.8	---	
B11	11/6/1991	25	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	
B12	11/6/1991	15	---	5.6	---	1.0	0.75	0.11	0.91	---	
B12	11/6/1991	25	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	
B12	11/6/1991	30	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	
SB-A	5/5/94	11	14.5	3.4	4.2	<10	0.0072	0.0015	0.015	0.031	a
SB-A	5/5/94	16	---	1,600	620	<1,000	1.8	3.4	17	54	a
SB-B	5/6/94	11	15.0	170	52	<100	0.45	2.5	1.7	11	a
SB-B	5/6/94	16	---	940	120	<100	6.3	28	12	70	a
SB-C	5/6/94	11	13.9	25	6.7	<10	0.22	0.62	0.49	2.1	a
(MW-3)	5/6/94	16	---	490	280	<500	1.9	14	7.4	42	a
SB-D	5/6/94	11	19.5	<1	5.2	<10	<0.0025	<0.0025	<0.0025	<0.0025	
SB-D	5/6/94	16	---	<1	<1	<10	<0.0025	<0.0025	<0.0025	<0.0025	
SB-E	5/9/94	11	dry boring	220	56	<10	0.55	2.1	1.7	2.8	a
SB-E	5/9/94	16		3.8	1.4	<10	0.19	0.20	0.059	0.20	a
SB-F	5/9/94	11	13.3	370	57	<10	<0.25	<0.25	3.9	6.2	a
(MW-2)	5/9/94	15	---	2,900	450	<100	24	41	48	196	a
SB-G	5/9/94	11	14.5	20	18	<10	0.061	0.014	0.093	0.34	a
(MW-1)	5/9/94	15	---	390	52	<10	1.4	6.1	3.9	16	b
MW-4-10	2/26/97	10	---	64	62	0.24	1.1	0.7	2.6	<0.2	c,d
MW-4-15	2/26/97	15	---	530	150	5.1	18	8.4	39	5.4	c,d
B-18-5	10/29/08	5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-18-10	10/29/08	10	--	3.8	4.6	<0.005	<0.005	<0.005	0.023	(<0.005)	g,h
B-18-12	10/29/08	12	--	700	250	<1.0	1.2	<1.0	38	(<0.10)	j,f,g,d
B-18-15	10/29/08	15	--	1,000	190	6.1	4.3	11	53	(<0.10)	j,c,d

TABLE 5

**SOIL ANALYTICAL DATA
PETROLEUM HYDROCARBONS
FORMER EXXON SERVICE STATION
3055 35TH AVENUE
OAKLAND, CALIFORNIA**

Sample ID	Date Sampled	Sample Depth (ft)	GW Depth (ft)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
				<----- Concentrations in mg/kg ----->							
B-18-20	10/29/08	20	--	160	54	1.5	0.50	2.0	9.7	(<0.050)	j,c,d
B-18-25	10/29/08	25	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-18-30	10/29/08	30	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-18-35	10/29/08	35	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-18-40	10/29/08	40	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-18-45	10/29/08	45	--	<1.0	<1.0	0.0063	<0.005	<0.005	<0.005	(<0.005)	
B-19-5	10/31/08	5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05 (<0.005)	
B-19-10	10/31/08	10	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05 (<0.005)	
B-19-13	10/31/08	13	--	150	48	<0.050	0.23	0.17	0.39	<0.50 (<0.005)	g,e,i
B-19-15	10/31/08	15	--	1,800	240	3.5	4.9	20	2.6	1.4 (<0.10)	j,c,d
B-19-17	10/31/08	17	--	3,100	430	7.1	4.3	34	58	<5.0 (<0.10)	j,c,d
B-19-20	10/31/08	20	--	88	5.4	0.30	0.15	0.93	0.61	<0.1 (<0.005)	c,i
B-19-25	10/31/08	25	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05 (<0.005)	
B-19-30	10/31/08	30	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05 (<0.005)	
B-19-35	10/31/08	35	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05 (<0.005)	
B-19-40	10/31/08	40	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05 (<0.005)	
B-19-44.5	10/31/08	44.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05 (<0.005)	
<i>Offsite Soil Borings - 2007</i>											
B-13-12'	7/13/07	12	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-13-14'	7/13/07	14	---	1.3	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	g
B-13-16'	7/13/07	16	---	69	17	0.022	0.49	0.27	0.074	(<0.005)	c,d,e,h
B-13-20'	7/13/07	20	---	2.9	<1.0	<0.005	0.034	0.017	0.077	(<0.005)	c,e
B-13-24'	7/13/07	24	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-14-12'	7/13/07	12	---	92	37	0.083	0.55	1.0	0.69	(<0.010)	d,e,f,h
B-14-14'	7/13/07	14	---	430	52	4.6	1.8	6.4	28	(<0.050)	c,d
B-14-16'	7/13/07	16	---	210	39	4.4	5.4	3	18	(<0.050)	c,d,h
B-14-18'	7/13/07	18	---	55	11	0.28	0.34	0.46	3.4	(<0.005)	c,d
B-14-20'	7/13/07	20	---	69	5.2	3.5	1.8	1.1	6.7	(<0.010)	c,d,h
B-14-22'	7/13/07	22	---	15	2	1.1	0.19	0.25	0.65	(<0.005)	c,d,h
B-14-24'	7/13/07	24	---	1.1	<1.0	0.027	0.0071	0.0073	0.013	(0.021)	c
B-14-26'	7/13/07	26	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(0.15)	

TABLE 5

**SOIL ANALYTICAL DATA
PETROLEUM HYDROCARBONS
FORMER EXXON SERVICE STATION
3055 35TH AVENUE
OAKLAND, CALIFORNIA**

Sample ID	Date Sampled	Sample Depth (ft)	GW Depth (ft)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
				----- Concentrations in mg/kg -----							
B-15-10'	7/12/07	10	---	34	17	0.074	0.20	0.21	0.08	(<0.005)	c,d,e,h
B-15-12'	7/12/07	12	---	200	44	0.54	0.95	2.5	5.4	(<0.010)	c,d
B-15-14'	7/12/07	14	---	480	100	2	1.9	8	26	(<0.010)	d,e,f,h
B-16-5'	7/20/07	5	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.05)	
B-16-10'	7/20/07	10	---	430	75	1.5	2.1	4.4	21	(<1.0)	d,f,e
B-16-12'	7/20/07	12	---	4300	310	41	23	59	320	(<50)	c,d
B-16-14'	7/20/07	14	---	9.9	3	0.26	0.044	0.24	1.2	(<0.17)	c,d
B-16-16'	7/20/07	16	---	38	3.1	0.79	0.2	0.4	2.7	(<0.25)	c,d,e
B-16-18'	7/20/07	18	---	350	55	7	9.6	5.3	31	(<2.5)	c,d
B-16-20'	7/20/07	20	---	56	2.6	3	1.8	0.75	4.4	(<0.5)	c,d
B-16-24'	7/20/07	24	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.05)	
B-17-5'	7/20/07	5	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.05)	
B-17-10'	7/20/07	10	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.05)	
B-17-12'	7/20/07	12	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.05)	
B-17-14'	7/20/07	14	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.05)	
B-17-16'	7/20/07	16	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.05)	
B-17-18'	7/20/07	18	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.05)	
B-17-20'	7/20/07	20	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.05)	
B-17-22'	7/20/07	22	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.05)	
B-17-24'	7/20/07	24	---	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.05)	
<i>Offsite Soil Borings - 2008</i>											
B-20-5	10/30/08	5	--	110	24	<0.10	<0.10	<0.10	0.27	(<0.005)	e,i
B-20-7.5	10/30/08	7.5	--	240	63	0.090	0.058	1.4	0.94	(<0.050)	j,c,i
B-20-9.5	10/30/08	9.5	--	590	170	0.68	0.22	4.9	2.9	(<0.10)	j,c,i
B-20-11	10/30/08	11	--	1,100	370	1.3	1.5	10	10	(<0.10)	j,f,g,i
B-20-15	10/30/08	15	--	100	23	0.39	0.13	0.52	0.25	(<0.005)	c,i
B-20-19.5	10/30/08	19.5	--	54	25	0.35	<0.017	0.11	0.068	(<0.010)	j,c,i
B-20-24.5	10/30/08	24.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-20-29.5	10/30/08	29.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-20-35	10/30/08	35	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-20-40	10/30/08	40	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-20-44.5	10/30/08	44.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-21-10	11/4/08	10	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	

**SOIL ANALYTICAL DATA
PETROLEUM HYDROCARBONS
FORMER EXXON SERVICE STATION
3055 35TH AVENUE
OAKLAND, CALIFORNIA**

Sample ID	Date Sampled	Sample Depth (ft)	GW Depth (ft)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
				<----- Concentrations in mg/kg ----->							
B-21-12	11/4/08	12	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-21-15	11/4/08	15	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-21-20	11/4/08	20	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-21-25	11/4/08	25	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-21-29.5	11/4/08	29.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(0.0064)	
B-22-5	11/3/08	5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-22-10	11/3/08	10	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-22-15	11/3/08	15	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-22-20	11/3/08	20	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-22-25	11/3/08	25	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-22-29.5	11/3/08	29.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-23-5	11/3/08	5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-23-10	11/3/08	10	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-23-15	11/3/08	15	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-23-20	11/3/08	20	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-23-25	11/3/08	25	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-23-29.5	11/3/08	29.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-24-5.5	11/6/08	5.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-24-10	11/6/08	10	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-24-15	11/6/08	15	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-24-20	11/6/08	20	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-24-25	11/6/08	25	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-24-29.5	11/6/08	29.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-25-5	11/6/08	5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-25-10	11/7/08	10	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-25-15	11/7/08	15	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-25-22	11/7/08	22	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-25-25	11/7/08	25	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-25-29.5	11/7/08	29.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-26-5	11/5/08	5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-26-10	11/6/08	10	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-26-15	11/6/08	15	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	

**SOIL ANALYTICAL DATA
PETROLEUM HYDROCARBONS
FORMER EXXON SERVICE STATION
3055 35TH AVENUE
OAKLAND, CALIFORNIA**

Sample ID	Date Sampled	Sample Depth (ft)	GW Depth (ft)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
				<----- Concentrations in mg/kg ----->							
B-26-20	11/6/08	20	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-26-25	11/6/08	25	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-26-29.5	11/6/08	29.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-27-10	11/5/08	10	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-27-15	11/5/08	15	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-27-20	11/5/08	20	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-27-25	11/5/08	25	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-27-29.5	11/5/08	29.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-28-5	11/4/08	5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-28-10	11/5/08	10	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-28-15	11/5/08	15	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-28-20	11/5/08	20	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-28-25	11/5/08	25	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	
B-28-29.5	11/5/08	29.5	--	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	(<0.005)	

Abbreviations:

ft = feet

mg/kg = milligrams per kilogram

< x = Not detected above detection limit.

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

TPHd = Total petroleum hydrocarbons as diesel by modified EPA Method 8015

Benzene, Toluene, Ethylbenzene, and Xylenes by EPA Method 8020/8021B

MTBE = Methyl Tertiary Butyl Ether by EPA Method 8020, or by EPA

Method 8260 in parentheses

B7-15 Metals: Cadmium 3.51 mg/kg, Chromium 25.1 mg/kg, Lead 3.19 mg/kg,

Zinc 47.7 mg/kg, Nickel 34.3 mg/kg

B7-15 Oil & Grease: ND (10 mg/kg)

Notes:

(a) The positive TPHd response appears to be a lighter hydrocarbon than diesel

(b) The positive TPHd result has an atypical chromatographic pattern

(c) Unmodified or weakly modified gasoline is significant (TPHg)

(d) Gasoline range compounds are significant (TPHd)

(e) No recognizable pattern

(f) Heavier gasoline range compounds are significant (aged gasoline?)

(g) Strongly aged gasoline or diesel range compounds are significant

(h) Diesel range compounds are significant; no recognizable pattern

(i) Stoddard solvent/mineral spirit

(j) Sample diluted due to high organic content

SOIL ANALYTICAL DATA
 OXYGENATES
 FORMER EXXON SERVICE STATION
 3055 35TH AVENUE
 OAKLAND, CALIFORNIA

Sample ID	Date Sampled	Sample Depth (ft)	TAME	TBA	EDB	1,2- DCA	DIPE	ETBE	Ethanol	Methanol	Notes
----- Concentrations in mg/kg -----											
<i>Offsite Soil Borings - 2007</i>											
B-13-12'	7/13/07	12	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-13-14'	7/13/07	14	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-13-16'	7/13/07	16	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-13-20'	7/13/07	20	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-13-24'	7/13/07	24	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-14-12'	7/13/07	12	<0.010	<0.10	<0.010	<0.010	<0.010	<0.010	<0.50	--	j
B-14-14'	7/13/07	14	<0.050	<0.50	<0.050	<0.050	<0.050	<0.050	<2.5	--	j
B-14-16'	7/13/07	16	<0.050	<0.50	<0.050	<0.050	<0.050	<0.050	<2.5	--	j
B-14-18'	7/13/07	18	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-14-20'	7/13/07	20	<0.010	<0.10	<0.010	<0.010	<0.010	<0.010	<0.50	--	j
B-14-22'	7/13/07	22	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-14-24'	7/13/07	24	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-14-26'	7/13/07	26	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-15-10'	7/12/07	10	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-15-12'	7/12/07	12	<0.010	<0.10	<0.010	<0.010	<0.010	<0.010	<0.50	--	j
B-15-14'	7/12/07	14	<0.010	<0.10	<0.010	<0.010	<0.010	<0.010	<0.50	--	j
B-16-5'	7/20/07	5	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-16-10'	7/20/07	10	<0.10	<1.0	<0.10	<0.10	<0.10	<0.10	<5.0	--	
B-16-12'	7/20/07	12	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<25	--	
B-16-14'	7/20/07	14	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-16-16'	7/20/07	16	<0.010	<0.10	<0.010	<0.010	<0.010	<0.010	<0.50	--	
B-16-18'	7/20/07	18	<0.10	<1.0	<0.10	<0.10	<0.10	<0.10	<5.0	--	
B-16-20'	7/20/07	20	<0.020	<0.20	<0.020	<0.020	<0.020	<0.020	<1.0	--	
B-16-24'	7/20/07	24	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<.25	--	
B-17-5'	7/20/07	5	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-17-10'	7/20/07	10	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-17-12'	7/20/07	12	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-17-14'	7/20/07	14	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-17-16'	7/20/07	16	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-17-18'	7/20/07	18	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-17-20'	7/20/07	20	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-17-22'	7/20/07	22	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
B-17-24'	7/20/07	24	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.25	--	
<i>Offsite Soil Borings - 2008</i>											
B-20-5	10/30/08	5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-20-7.5	10/30/08	7.5	<0.050	<0.50	<0.040	<0.040	<0.050	<0.050	<5.0	--	
B-20-9.5	10/30/08	9.5	<0.10	<1.0	<0.080	<0.080	<0.10	<0.10	<10	--	
B-20-11	10/30/08	11	<0.10	<1.0	<0.080	<0.080	<0.10	<0.10	<10	--	
B-20-15	10/30/08	15	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-20-19.5	10/30/08	19.5	<0.010	<0.10	<0.0080	<0.0080	<0.010	<0.010	<1.0	--	
B-20-24.5	10/30/08	24.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	

**SOIL ANALYTICAL DATA
OXYGENATES
FORMER EXXON SERVICE STATION
3055 35TH AVENUE
OAKLAND, CALIFORNIA**

<i>Sample ID</i>	<i>Date Sampled</i>	<i>Sample Depth (ft)</i>	<i>TAME</i>	<i>TBA</i>	<i>EDB</i>	<i>1,2- DCA</i>	<i>DIPE</i>	<i>ETBE</i>	<i>Ethanol</i>	<i>Methanol</i>	<i>Notes</i>
----- Concentrations in mg/kg ----->											
B-20-29.5	10/30/08	29.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-20-35	10/30/08	35	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-20-40	10/30/08	40	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-20-44.5	10/30/08	44.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-21-10	11/4/08	10	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-21-12	11/4/08	12	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-21-15	11/4/08	15	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-21-20	11/4/08	20	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-21-25	11/4/08	25	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-21-29.5	11/4/08	29.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-22-5	11/3/08	5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-22-10	11/3/08	10	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-22-15	11/3/08	15	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-22-20	11/3/08	20	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-22-25	11/3/08	25	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-22-29.5	11/3/08	29.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-23-5	11/3/08	5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-23-10	11/3/08	10	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-23-15	11/3/08	15	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-23-20	11/3/08	20	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-23-25	11/3/08	25	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-23-29.5	11/3/08	29.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	<5.0	
B-24-5.5	11/6/08	5.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-24-10	11/6/08	10	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-24-15	11/6/08	15	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-24-20	11/6/08	20	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-24-25	11/6/08	25	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-24-29.5	11/6/08	29.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-25-5	11/6/08	5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-25-10	11/7/08	10	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-25-15	11/7/08	15	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-25-22	11/7/08	22	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-25-25	11/7/08	25	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-25-29.5	11/7/08	29.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-26-5	11/5/08	5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-26-10	11/6/08	10	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-26-15	11/6/08	15	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-26-20	11/6/08	20	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-26-25	11/6/08	25	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-26-29.5	11/6/08	29.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-27-10	11/5/08	10	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	

**SOIL ANALYTICAL DATA
OXYGENATES
FORMER EXXON SERVICE STATION
3055 35TH AVENUE
OAKLAND, CALIFORNIA**

Sample ID	Date Sampled	Sample Depth (ft)	TAME	TBA	EDB	1,2- DCA	DIPE	ETBE	Ethanol	Methanol	Notes
B-27-15	11/5/08	15	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-27-20	11/5/08	20	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-27-25	11/5/08	25	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-27-29.5	11/5/08	29.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-28-5	11/4/08	5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-28-10	11/5/08	10	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-28-15	11/5/08	15	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-28-20	11/5/08	20	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-28-25	11/5/08	25	<0.005	<0.005	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-28-29.5	11/5/08	29.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
<i>Onsite Soil Borings - 2008</i>											
B-18-5	10/29/2008	5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-18-10	10/29/2008	10	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-18-12	10/29/2008	12	<0.10	<1.0	<0.080	<0.080	<0.10	<0.10	<10	--	
B-18-15	10/29/2008	15	<0.10	<1.0	<0.080	<0.080	<0.10	<0.10	<10	--	
B-18-20	10/29/2008	20	<0.050	<0.50	<0.040	<0.040	<0.050	<0.050	<5.0	--	
B-18-25	10/29/2008	25	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-18-30	10/29/2008	30	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-18-35	10/29/2008	35	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-18-40	10/29/2008	40	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-18-45	10/29/2008	45	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-19-5	10/31/08	5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-19-10	10/31/08	10	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-19-13	10/31/08	13	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-19-15	10/31/08	15	<0.10	<1.0	<0.080	<0.080	<0.10	<0.10	<10	--	
B-19-17	10/31/08	17	<0.10	<1.0	<0.080	<0.080	<0.10	<0.10	<10	--	
B-19-20	10/31/08	20	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-19-25	10/31/08	25	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-19-30	10/31/08	30	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-19-35	10/31/08	35	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-19-40	10/31/08	40	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	
B-19-44.5	10/31/08	44.5	<0.005	<0.05	<0.004	<0.004	<0.005	<0.005	<0.5	--	

Abbreviations:

ft = feet

mg/kg = milligrams per kilogram

< x = Not detected above detection limit.

TABLE 7

SOIL GAS ANALYTICAL DATA
3055 35TH AVENUE
OAKLAND, CA

Sample ID	Date	Sample Depth (ft)	TPHg	←----- μg/m ³ -----→					MTBE	←----- μL/L -----→			←----- ppbV -----→			←----- μg/L -----→		Propane as Propene
				Benzene	Toluene	Ethyl- benzene	Xylenes	Carbon Dioxide		Oxygen	Methane	Butane	Isobutane	Propane	Butane as Hexane	Isobutane as Hexane		
<i>Onsite Soil Gas</i>																		
SV-1-5A	05/24/07	5	8,400	14	--	--	--	<4.2	--	--	--	ND	48 j	ND	--	--	--	
SV-1-10	05/24/07	10	54,000	37	--	--	--	300	--	--	--	ND	39 j	ND	--	--	--	
SV-2-5	05/24/07	5	13,000	38	--	--	--	<4.4	--	--	--	ND	83 j	ND	--	--	--	
SV-2-10	05/24/07	10	300,000	78	--	--	--	210	--	--	--	ND	ND	ND	--	--	--	
SV-3-5	05/24/07	5	16,000	14	--	--	--	190	--	--	--	ND	30 j	ND	--	--	--	
SV-3-10	05/24/07	10	31,000	35	--	--	--	<4.3	--	--	--	500 j	97 j	ND	--	--	--	
SV-4-5A	05/24/07	5	32,000	38	--	--	--	19	--	--	--	ND	57 j	ND	--	--	--	
SV-4-10	05/24/07	10	480,000	930	--	--	--	<41	--	--	--	ND	ND	ND	--	--	--	
SV-5-5	05/24/07	5	53,000	99	--	--	--	16	--	--	--	1,400 j	300 j	ND	--	--	--	
SV-5-10	05/24/07	10	23,000	31	--	--	--	<4.2	--	--	--	240 j	89 j	ND	--	--	--	
SV-6-5	05/24/07	5	19,000	21	--	--	--	<4.4	--	--	--	330 j	61 j	ND	--	--	--	
SV-6-10	05/24/07	10	170,000	4,600	--	--	--	70	--	--	--	1,700 j	360 j	ND	--	--	--	
SV-4-10 Duplicate	5/24/07	10	620,000	1,100	--	--	--	<58	--	--	--	ND	ND	ND	--	--	--	
Trip Blank	5/24/07	--	ND	ND	--	--	--	ND	--	--	--	ND	ND	ND	--	--	--	
<i>Offsite Soil Gas</i>																		
SV-7	12/5/08	5	<1,800	<6.5	7.9	<8.8	29	<7.3	32,000	160,000	<5.0	--	--	--	<10	<10	<10	
SV-8	12/5/08	5	<1,800	<6.5	<7.7	<8.8	<27	<7.3	33,000	160,000	<5.0	--	--	--	<10	<10	<10	
SV-9	12/5/08	5	<1,800	<6.5	<7.7	<8.8	<27	<7.3	27,000	190,000	<5.0	--	--	--	<10	<10	<10	
SV-10	12/5/08	5	<1,800	<6.5	23	16	79	<7.3	28,000	190,000	<5.0	--	--	--	<10	<10	<10	
SV-11	12/5/08	5	<1,800	<6.5	<7.7	<8.8	<27	<7.3	18,000	180,000	<5.0	--	--	--	<10	<10	<10	
SV-12	12/5/08	5	<1,800	<6.5	<7.7	<8.8	<27	<7.3	6,500	190,000	<5.0	--	--	--	<10	<10	<10	
SV-13	12/5/08	5	<1,800	<6.5	33	38	210	<7.3	14,000	190,000	<5.0	--	--	--	<10	<10	<10	
SV-14	12/5/08	5	<1,800	<6.5	<7.7	<8.8	<27	<7.3	22,000	190,000	<5.0	--	--	--	<10	<10	<10	
SV-13-Duplicate	12/5/08	5	<1,800	<6.5	33	40	220	<7.3	11,000	180,000	<5.0	--	--	--	<10	<10	<10	

SOIL GAS ANALYTICAL DATA
3055 35TH AVENUE
OAKLAND, CA

Sample ID	Date	Sample	TPHg	Benzene	Toluene	Ethyl- benzene	Xylenes	MTBE	Carbon Dioxide	Oxygen	Methane	Butane	Isobutane	Propane	Butane as Hexane	Isobutane as Hexane	Propane as Propene
Sampled	Depth (ft)			← μg/m ³ →					← μL/L →			← ppbV →			← μg/L →		

Abbreviations:

ft = feet
 μg/m³ = micrograms per cubic meter
 μg/L = micrograms per liter
 μL/L = microliters per liter
 <X or ND: Not detected above laboratory detection limit.
 See Analytical Laboratory report for notes
 TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method TO-3
 Benzene by modified EPA Method TO-15
 MTBE = Methyl Tertiary Butyl Ether by modified EPA Method TO-15
 -- Not analyzed, not applicable or not available
 ND = Not detected
 Butane as Hexane for SV-7 through SV-14; reported in μg/L
 Isobutane as Hexane for SV-7 through SV-14; reported in μg/L
 Propane as Propene for SV-7 through SV-14; reported in μg/L

b - Compound present in laboratory blank greater than reporting limit
 j - Estimated value
 e - Exceeds instrument calibration range
 s - Saturated peak
 q - Exceeds quality control limits
 u - Compound analyzed for but not detected above the reporting limit
 uj - Non-detected compound associated with low bias in the CCV
 n - The identification is based on presumptive evidence

APPENDIX A

AGENCY CORRESPONDENCE

**ALAMEDA COUNTY
HEALTH CARE SERVICES****AGENCY**
DAVID J. KEARS, Agency Director**ENVIRONMENTAL HEALTH SERVICES**
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

December 6, 2006

Mr. Lynn Worthington
Golden Empire Properties, Inc.
5942 MacArthur Blvd. Suite B
Oakland, CA 94605Subject: Fuel Leak Case No. RO0000271, Exxon Service Station, 3055 35th Avenue, Oakland, California.

Dear Mr. Worthington:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above referenced site and the letter entitled "Request for Reconsideration of Recommendations," dated October 17, 2006 and submitted on your behalf by Cambria Environmental Technology Inc. The "Request for Reconsideration of Recommendations," states that the proposed soil boring locations should define if the plume is contained. Based on our review of the case file and above referenced letter, we find that the proposed soil boring locations will not provide information to adequately characterize petroleum hydrocarbon contamination immediately downgradient of the subject site. Consequently, the Work Plan and proposed soil boring locations are rejected in their current form and require revision.

We request the following revisions to the work plan, which are described in the technical comments below. Therefore, we request that you address the technical comments below and submit a revised work plan to ACEH.

TECHNICAL COMMENTS

- 1. Soil Boring Locations.** To accurately characterize the downgradient extent of the dissolved petroleum hydrocarbon plume, ACEH requires soil borings to be installed between residences at 3039 to 3001 35th Ave. and 3044 to 3000 Bartlett Street. We request that you immediately pursue any off-site access agreements that you may need to complete proposed investigation activities. Following submittal of your work plan, with revised soil boring locations, we will mail a letter (see Attachment 1) to owners of the neighboring properties where you propose to perform investigation activities. In order to expedite the off-site access notification process, please provide ACEH with a list of owners/occupants for the following residences; 3001, 3007, 3017 (Apartments 3015, 3017, 3019, 3021) 3027, 3029, 3033, and 3039 35th Avenue and 3000, 3006, 3014, 3020, 3026, 3032, 3038 and 3044 Bartlett Street.

As mentioned in previous correspondence dated October 4, 2006, the linear separation between the proposed soil borings is 100 feet or more, which is inadequate to constrain the lateral distribution of the contamination plume. Of particular concern is MTBE, which is highly

Lynn Worthington
December 2, 2006
Page 2

soluble, very mobile in groundwater and not readily biodegradable. The proposed soil boring locations are located too far apart to properly locate and define the extent of the MTBE plume. MTBE plumes can be long, narrow, and erratic (meandering). Moreover, ACEH consider the proposed soil borings, which are more than 250 feet from the source area, too distant from the source area to define the extent of soil and groundwater contamination or plume geometry down-gradient of the site. The intention of the investigation is to define the lateral extent of contamination immediately down-gradient of the site, and thus determine where subsurface contamination is a concern. While the proposed soil borings may define whether the plume has traveled more than 250 feet from the site, the borings will not provide useful information to define the down-gradient plume extent with any accuracy. Conventional investigation methods would evaluate the source area, and then step out from the source area in a systematic manner until the distal end of the contamination plume is determined. ACEH request that the soil and groundwater investigation be performed directly downgradient of the site to evaluate the extent of contamination beneath the residences and the potential risks posed to residents.

- 2. Soil Gas Investigation and Vapor Intrusion Pathway.** Soil and groundwater contamination are well documented on site, but the extent of contamination and the risk to occupants immediately downgradient of the site is unknown. The proposed soil gas investigation will evaluate the potential risk associated from the vapor intrusion pathway at southwest property limit of the site. ACEH agrees that a soil gas investigation is needed to resolve the data gap identified in the SCM.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Steve Plunkett), according to the following schedule:

- December 21, 2006 - Revised Work Plan for Offsite Soil and Groundwater Investigation and Onsite Soil Gas Investigation

Per Connie S. Plunkett extension to January 15, 2007 msp 12/13/06
These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage

Lynn Worthington
December 2, 2006
Page 3

tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 383-1767.

Sincerely,



Steven Plunkett

Lynn Worthington
December 2, 2006
Page 4

Hazardous Materials Specialist

w/Attachment 1

cc: Mark Jonas
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94605

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

ATTACHMENT 1

Adjacent Property Owner - Access Cooperation Request
<DATE>

<DATE>

DISTRIBUTION LIST

Subject: Property Access by the Parties Responsible for the Investigation and Cleanup of Petroleum Hydrocarbon and Fuel Oxygenate Pollution at Fuel Leak Case No. <XX-XXX>, <Site Name and Address>

Dear Property Owner:

Alameda County Environmental Health (ACEH) is overseeing the investigation and cleanup of gasoline and the gasoline additives Methyl tert-Butyl Ether (MTBE) and benzene, released from fuel underground storage tanks at the subject site. We are uncertain as to how far the contamination from those tanks has moved.

The ACEH is requiring <RP COMPANY> to investigate and clean up contaminated soil and groundwater at the site to prevent the gasoline, MTBE, and benzene contamination from spreading to other properties or to drinking water sources and reduce the potential threat to human health and the environment. To properly determine the extent of that contamination in groundwater, <RP COMPANY> must perform additional off-site investigation. Therefore, we need your help in allowing access to your property by <RP COMPANY> to properly define the extent of contamination.

If you have any questions, please contact <RP CONTACT> at <RP COMPANY> at <RP PHONE NUMBER>. Thank you for your cooperation.

Sincerely,

<CASEWORKER>
<CASEWORKER TITLE>
-LOP Program

cc: <LIA>, with Distribution List

<RP CONTACT>, with Distribution List
<RP COMPANY>
<ADDRESS>
<CITY, STATE ZIP>

D. Drogos, <CASEWORKER>

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

April 7, 2008

Lynn Worthington
Golden Empire Properties Inc.
5942 Macarthur Blvd. Suite B,
Oakland, CA 94605

FILE COPY

Subject: Fuel Leak Case No. RO0000271 and Geotracker Global ID T0600100538, Exxon, 3055
35th Avenue, Oakland, CA

Dear Mr. Worthington:

Alameda County Environmental Health (ACEH) staff has reviewed the data generated during phase 1 of your soil vapor and off-site investigation and request that you complete the initial investigation of the extent of impact as per your *Offsite and Soil Gas Work Plan* dated January 12, 2007 approved by ACEH on March 1, 2007. Preliminary draft results of phase 1 of this work were provided to ACEH in an August 28, 2007 correspondence entitled *Sampling Data and Phase II Offsite Characterization* but were not uploaded to the ftp site until March 18, 2008. ACEH's February 15, 2008 correspondence requested that the original scope of work (phase 2 transect), be completed. We request that you complete the previously approved scope of work, address the technical comments and submit the responses requested below.

As stated above, the work was approved on February 15, 2005. It appears that no progress has been made to obtain access to the properties involved. **We request that you immediately obtain your off-site access agreements.** If needed ACEH can send out a version of the attached letter to owners of the neighboring properties where you propose to perform investigation activities

TECHNICAL COMMENTS

1. **Location of Proposed Soil Samples.** The proposed phase 1 and phase 2 sample locations in the approved work plan were located closer to the former service station. The five phase 2 soil borings proposed in your August 28, 2007 correspondence are located approximately 140 feet away from the approved transect 2 location. Nb explanation of your rationale for changing these locations was provided. It appears that you may be attempting to determine the downgradient extent of the soil and groundwater plumes. If you wish to proceed with these locations we concur. However, we require that you also advance the previously approved transect 2 locations. We request that you complete this work without delay and submit a Soil and Water Investigation (SWI) Report documenting your work by the due date specified below. This report is to include both phase 1 and phase 2 of your field investigation results.
2. **Soil Vapor Sampling.** Up to 69,000 micrograms per liter ($\mu\text{g/L}$) total petroleum hydrocarbons as gasoline (TPH-g) and 7,700 $\mu\text{g/L}$ benzene were detected in groundwater in

traverse 1 boring B-16, located adjacent to residences. Up to 41,000 µg/L TPHg and 4,400 µg/L benzene were detected in well MW-3 at the westerly property boundary of your site, also adjacent to residential properties. Based on the groundwater results, evaluation of the vapor pathway is required. We request that you submit a Soil Vapor Sampling Work Plan by the date specified below. We recommend that your sampling plan follow the January 23, 2003 Advisory – Active Soil Gas Investigations; Jointly issued by the Regional Water Quality Control Board, Los Angeles Region and the Department of Toxic Substances Control. In addition to the analytes in your work plan, please analyze for ethylbenzene, xylenes, oxygen, carbon dioxide, methane and your tracer gas. Report the results of your vapor investigation in the SWI requested below.

3. **Site Maps.** Dissolved plumes originating from your site appear to have contaminated residential properties in the vicinity of your site. Maps provided to date fail to depict all of the properties, homes, buildings, etc. and are generally insufficient to use to determine appropriate investigation locations. We request that you use an aerial photo as the basemap for future site maps submitted for the site. Please label and identify the use of all properties on your map. Please provide a copy of this map with all existing and proposed soil boring, monitoring well, etc locations by the date specified below.

LANDOWNER NOTIFICATION REQUIREMENTS

Pursuant to California Health & Safety Code Section 25297.15, the active or primary responsible party for a fuel leak case must inform all current property owners of the site of cleanup actions or requests for closure. Furthermore, ACEH may not consider any cleanup proposals or requests for case closure without assurance that this notification requirement has been met. Additionally, the active or primary responsible party is required to forward to ACEH a complete mailing list of all record fee title holders to the site.

At this time we require that you submit a complete mailing list of all record fee title owners of the site by **April 30, 2008**, which states, at a minimum, the following:

A. *In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:*

- OR -

B. *In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.*

(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)

In the future, for you to meet these requirements when submitting cleanup proposals or requests for case closure, ACEH requires that you:

1. Notify all current record owners of fee title to the site of any cleanup proposals or requests for case closure;

2. Submit a letter to ACEH which certifies that the notification requirement in 25297.15(a) of the Health and Safety Code has been met;
3. Forward to ACEH a copy of your complete mailing list of all record fee title holders to the site; and
4. Update your mailing list of all record fee titleholders, and repeat the process outlined above prior to submittal of any additional *Corrective Action Plan* or your *Request for Case Closure*.

Your written certification to ACEH (Item 2 above) must state, at a minimum, the following:

~~A. In accordance with Section 25297.15(a) of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. (Check space for applicable proposed action(s)):~~

~~___ cleanup proposal (Corrective Action Plan)~~

~~___ request for case closure~~

~~___ local agency intention to make a determination that no further action is required~~

~~___ local agency intention to issue a closure letter~~

- OR -

B. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.

(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Barbara Jakub), according to the following schedule:

1. **April 11, 2008** – Extended Site Map showing boring locations on aerial photo base map and Soil Vapor Sampling Work Plan.
2. **May 12, 2008** – Landowner Notification Document.
3. **July 11, 2008** – Complete field work.
4. **August 15, 2008** – Soil and Water Investigation Report, including soil vapor results.

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

~~Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).~~

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 639-1287 or send me an electronic mail message at barbara.jakub@acgov.org.

Sincerely,



Barbara J. Jakub, PG
Hazardous Materials Specialist

Enclosures: ACEH Electronic Report Upload (ftp) Instructions
Request for Access Letter

cc: Mark Jonas
Conestoga-Rover & Associates
5900 Hollis Street, Suite A
Emeryville, California 94608

Donna Drogos, ACEH
Barbara Jakub, ACEH
File

**Alameda County Environmental Cleanup
Oversight Programs
(LOP and SLIC)**

ISSUE DATE: July 5, 2005

REVISION DATE: December 16, 2005

PREVIOUS REVISIONS: October 31, 2005

SECTION: Miscellaneous Administrative Topics & Procedures

SUBJECT: Electronic Report Upload (ftp) Instructions

Effective January 31, 2006, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is preferable that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements ~~must be included and have either original or electronic signature.~~
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in Excel format. These are for use by assigned Caseworker only.

Submission Instructions

- 1) Obtain User Name and Password:
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
 - or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
 - b) In the subject line of your request, be sure to include "ftp PASSWORD REQUEST" and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
 - b) Click on File, then on Login As.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by Report Upload. (e.g., Subject: RO1234 Report Upload)

ATTACHMENT 1

Adjacent Property Owner - Access Cooperation Request
January 8, 2003

<DATE>

DISTRIBUTION LIST

Subject: Property Access by the Parties Responsible for the Investigation and Cleanup of Petroleum Hydrocarbon and Fuel Oxygenate Pollution at Fuel Leak Case No. <xx-xxx>, <Site Name and Address>

Dear Property Owner:

Alameda County Environmental Health (ACEH) is overseeing the investigation and cleanup of gasoline and the gasoline additives Methyl tert-Butyl Ether (MTBE) and benzene, released from fuel underground storage tanks at the subject site. We are uncertain as to how far the contamination from those tanks has moved.

The ACEH is requiring <RP COMPANY> to investigate and clean up contaminated soil and groundwater at the site to prevent the gasoline, MTBE, and benzene contamination from spreading to other properties or to drinking water sources and reduce the potential threat to human health and the environment. To properly determine the extent of that contamination in groundwater, <RP COMPANY> must perform additional off-site investigation. Therefore, we need your help in allowing access to your property by <RP COMPANY> to properly define the extent of contamination.

If you have any questions, please contact <RP CONTACT> at <RP COMPANY> at <RP PHONE NUMBER>. Thank you for your cooperation.

Sincerely,

<CASEWORKER>
<CASEWORKER TITLE>
LOP Program

cc: <LIA>, with Distribution List

<RP CONTACT>, with Distribution List
<RP COMPANY>
<ADDRESS>
<CITY, STATE ZIP>

D. Drogos, <CASEWORKER>



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

May 22, 2008

Lynn Worthington
Golden Empire Properties Inc.
5942 Macarthur Blvd. Suite B,
Oakland, CA 94605

Subject: Fuel Leak Case No. RO0000271 and Geotracker Global ID T0600100538, Exxon, 3055 35th Avenue, Oakland, CA

Dear Mr. Worthington:

Alameda County Environmental Health (ACEH) staff has reviewed the April 11, 2008 *Work Plan Additional Characterization and Soil Vapor Sampling* prepared by Conestoga-Rovers & Associates, Inc. (CRA). The work plan included additional downgradient and upgradient borings as well as a map showing the properties and existing buildings.

ACEH generally concurs with the proposed scope of work and requests that you address the following technical comments, perform the proposed scope of work, and send us the technical reports requested in our April 7, 2008 letter. The proposed scope of work may be implemented provided that the modifications requested in the technical comments below are addressed and incorporated during field implementation. Submittal of a revised work plan is not required.

TECHNICAL COMMENTS

1. **Upgradient and On-site Borings.** The proposed depths for the upgradient borings exceed the depths of the proposed on-site borings. ACEH recommends that you investigate the vertical extent of hydrocarbons and oxygenates in soil and groundwater on-site to at least the same depth and with the same sample depths as proposed for the upgradient wells. ACEH requires that you assess the maximum vertical extent of contamination in groundwater by continuing to sample groundwater until a clean sample is obtained. ACEH also requests that you continuously core the borings to gather detailed lithologic data and then prepare detailed cross-sections for the site including these logs. Include plots of the contaminant plumes on your maps, cross-sections, and diagrams
2. **Downgradient Soil Borings.** You proposed collecting soil samples only where PID readings or signs of staining or odor exist. As per Steven Plunkett's May 16, 2006 letter he also states that If no staining, odor, or elevated PID readings are observed, soil samples are to be collected from each boring at the capillary fringe, where groundwater is first encountered or at a minimum of five-foot intervals until the total depth of the

boring is reached. Please note that ACEH recommends that at least one but preferably two soil samples be collected from the base of the boring that are below the detection limit for all analytes for vertical definition. We do not want to have you remobilize to perform this at a later time since it will incur additional charges.

3. **Units on maps.** Please specify contaminant concentration units on maps for data presented for soil, groundwater and soil vapor.
4. **Soil Vapor Sampling.** ACEH requested that you analyze for the tracer gas that is used during sampling. Please add your tracer gas, MTBE (as proposed and accepted) and toluene to the analyses for this round of soil vapor sampling.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Barbara Jakub), according to the schedule presented below:

1. **June 12, 2008** – Landowner Notification Document.
2. **July 11, 2008** – Complete field work.
3. **August 15, 2008** – Soil and Water Investigation Report, including soil vapor results.

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in

Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Lynn Worthington
RO0000271
May 22, 2008
Page 4

If you have any questions, please call me at (510) 639-1287 or send me an electronic mail message at barbara.jakub@acgov.org.

Sincerely,

A handwritten signature in cursive script that reads "Barbara J. Jakub". The signature is written in dark ink and is positioned above a horizontal dashed line.

Barbara J. Jakub, PG
Hazardous Materials Specialist

Enclosures: ACEH Electronic Report Upload (ftp) Instructions

cc: Mark Jonas, via electronic mail

Donna Drogos, ACEH, via electronic mail
Barbara Jakub, ACEH
File

**Alameda County Environmental Cleanup
Oversight Programs
(LOP and SLIC)**

ISSUE DATE: July 5, 2005

REVISION DATE: December 16, 2005

PREVIOUS REVISIONS: October 31, 2005

SECTION: Miscellaneous Administrative Topics & Procedures

SUBJECT: Electronic Report Upload (ftp) Instructions

Effective January 31, 2006, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

1) Obtain User Name and Password:

- a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
 - or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
- b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**

2) Upload Files to the ftp Site

- a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
- b) Click on File, then on Login As.
- c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
- d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
- e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs

- a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
- b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
- c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

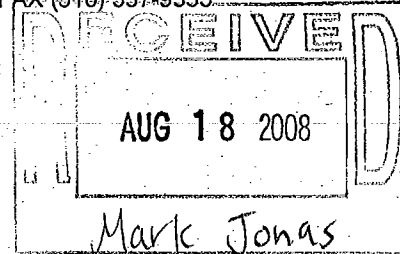
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

August 13, 2008

Lynn Worthington
Golden Empire Properties Inc.
5942 Macarthur Blvd. Suite B,
Oakland, CA 94605



Subject: Fuel Leak Case No. RO0000271 and Geotracker Global ID T0600100538, Exxon, 3055 35th Avenue, Oakland, CA

Dear Mr. Worthington:

Alameda County Environmental Health (ACEH) staff has reviewed the April 11, 2008 *Work Plan Addendum - Additional Characterization and Soil Vapor Sampling* prepared by Conestoga-Rovers & Associates, Inc. (CRA). The work plan included additional downgradient and upgradient borings as well as a map showing the properties and existing buildings.

ACEH generally concurs with the proposed scope of work and requests that you address the following technical comments, perform the proposed scope of work, and send us the technical reports requested below. The proposed scope of work may be implemented provided that the modifications requested in the technical comments below are addressed and incorporated during field implementation. Submittal of a revised work plan is not required.

TECHNICAL COMMENTS

1. **Upgradient and On-site Borings.** Thank you for pointing out that your originally proposed method did include sampling at all three depths. Since that method proposed using CPT and dual-tube sampling you may use these methods, if you prefer since you will be collecting both a continuous log of the soil and groundwater samples at the three depths. We also feel that CPT is more depth discrete and will be more capable of reaching the proposed depth of 45 feet at this site since gravel layers have been encountered beneath the site. A Geoprobe rig may have difficulty achieving this depth. Soil samples are not required for these borings since on-site characterization has occurred.
2. **Zemo Method of Sample Preparation.** The Zemo method is not a USEPA approved method for preparing a sample and may not be reimbursable by the UST Fund. ACEH requests that you use a USEPA approved sample preparation methods for your groundwater analysis.

3. **Groundwater and Soil Analysis.** ACEH requires that groundwater and soil be analyzed for TPHg, BTEX, MTBE, TAME, DIPE, ETBE, TBA, EDB and EDC using EPA approved analytical and sample preparation methods.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Barbara Jakub), according to the schedule presented below:

1. **October 13, 2008** – Complete field work.
2. **December 13, 2008** – Soil and Water Investigation Report, including soil vapor results.

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover

letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

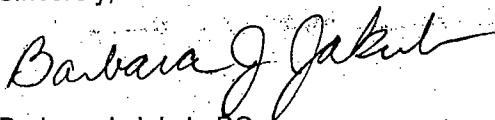
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 639-1287 or send me an electronic mail message at barbara.jakub@acgov.org.

Sincerely,



Barbara J. Jakub, PG
Hazardous Materials Specialist

Enclosures: ACEH Electronic Report Upload (ftp) Instructions

cc: Mark Jonas, Conestoga-Rover & Associates, 5900 Hollis Street, Suite A, Emeryville, California 94608
Donna Drogos, ACEH, via electronic mail
Barbara Jakub, ACEH
File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)

ISSUE DATE: July 5, 2005

REVISION DATE: December 16, 2005

PREVIOUS REVISIONS: October 31, 2005

SECTION: Miscellaneous Administrative Topics & Procedures

SUBJECT: Electronic Report Upload (ftp) Instructions

Effective January 31, 2006, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in Excel format. These are for use by assigned Caseworker only.

Submission Instructions

1) Obtain User Name and Password:

- a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
- b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**

2) Upload Files to the ftp Site

- a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
- b) Click on File, then on Login As.
- c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
- d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
- e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs

- a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
- b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
- c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload)

From: Jakub, Barbara, Env. Health [barbara.jakub@acgov.org]

Sent: Tuesday, October 07, 2008 2:26 PM

To: 'caferealty@aol.com'

Cc: Syrstad, Eric; Jonas, Mark

Subject: Ro271, 3055 35th Ave., Oakland Extension Approval

Your request for an extension for field work until December 13, 2008 and for the characterization report on February 13, 2009 has been approved.

Barbara Jakub, P.G.

Alameda County Environmental Health

(510) 639-1287 (direct)

(510) 337-9335 (fax)

barbara.jakub@acgov.org

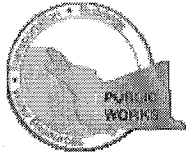
Online case files are available at the website below

<http://www.acgov.org/aceh/index.htm>

APPENDIX B

PERMITS

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 06/26/2007 By jamesy

Permit Numbers: W2007-0740
Permits Valid from 07/02/2007 to 08/31/2007

Application Id: 1181759210823
Site Location: 3015-3021 35th Avenue, Oakland

City of Project Site:Oakland

Project Start Date: Residential apartment property downgradient of 3055 35th Avenue, Oakland
07/02/2007 **Completion Date:**08/31/2007

Applicant: Conestoga-Rovers & Associates - Glenn Reiss **Phone:** 510-420-0700
5900 Hollis Street, Suite A, Emeryville, CA 94608

Property Owner: Kwai Lee **Phone:** 415-474-1938
1461 Broadway Street, Suite 301, San Francisco, CA 94109

Client: Lynn Worthington - Golden Empire Properties **Phone:** 510-562-8600
5942 MacArthur Blvd., Suite B, Oakland, CA 94605

Contact: Glenn Reiss **Phone:** 510-420-3360
Cell: 510-385-0437

	Total Due:	\$200.00
Receipt Number: WR2007-0290	Total Amount Paid:	\$200.00
Payer Name : Conestoga-Rovers & Associates	Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitoring Study - 3 Boreholes
Driller: RSI Drilling - Lic #: 802335 - Method: DP

Work Total: \$200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2007-0740	06/26/2007	09/30/2007	3	2.50 in.	30.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Applicant shall contact James Yoo for an inspection time at 510-670-6633 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit

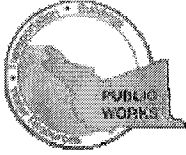
Alameda County Public Works Agency - Water Resources Well Permit

application on site shall result in a fine of \$500.00.

6. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 05/15/2007 By suel

Permit Numbers: W2007-0614
Permits Valid from 05/24/2007 to 05/24/2007

Application Id: 1178734965698
Site Location: 3055 35th Ave.-Vacant Lot
Project Start Date: 05/24/2007

City of Project Site:Oakland
Completion Date:05/24/2007

Applicant: Conestoga-Rovers & Associates - Christina
McClelland
5900 Hollis Street, Suite A, Emeryville, CA 94608

Phone: 510-420-3309

Property Owner: Lynn Worthington
5942 MacArthur Blvd, Suite B, Oakland, CA 94605

Phone: 510-562-8600

Client: ** same as Property Owner **

Total Due: \$200.00
Receipt Number: WR2007-0210 Total Amount Paid: \$200.00
Payer Name : Conestoga-Rovers & Associates Paid By: CHECK PAID IN FULL

Works Requesting Permits:

Borehole(s) for Geo Probes-Sampling 24 to 72 hours only - 6 Boreholes
Driller: RSI Drilling - Lic #: 802335 - Method: DP

Work Total: \$200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2007-0614	05/15/2007	08/22/2007	6	2.00 in.	10.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit

Alameda County Public Works Agency - Water Resources Well Permit

application on site shall result in a fine of \$500.00.

6. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

7. Spot Check only. Inspector does not have to be present for grout inspection.

8. Prior to any drilling activities onto any public rights-of-way, it shall be the applicant's responsibilities to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicant's responsibilities to provide to the cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 10/16/2008 By jamesy

Permit Numbers: W2008-0799
Permits Valid from 11/03/2008 to 11/07/2008

Application Id: 1224198454195 **City of Project Site:**Oakland
Site Location: 3055 35th Ave (Offsite locations: 3017 35th Ave, 2925 35th Ave, City of Oakland-Street, 3014
 Bartlett St, 2826 Bartlett St
Project Start Date: 11/03/2008 **Completion Date:**11/07/2008
Requested Inspection:11/03/2008
Scheduled Inspection: 11/03/2008 at 2:00 PM (Contact your inspector, Vicky Hamlin at (510) 670-5443, to confirm.)

Applicant: CRA - Byran Fong **Phone:** 510-420-3369
 5900 Hollis St, Suite A, Emeryville, CA 94608
Property Owner: Golden Empire Properties (Lynn Worthington) **Phone:** 510-562-8600 x12
 5942 MacArthur Blvd, Suite B, Oakland, CA
Client: ** same as Property Owner **
Contact: Byran Fong

one: --
two: --

Receipt Number: WR2
Payer Name : Conestoga Rover & A.

\$230.00
\$230.00
PAID IN FULL

2008 Permits

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 11 Boreholes
 Driller: RSI, Inc - Lic #: 802334 - Method: DP

Work Total: \$230.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2008-0799	10/16/2008	02/01/2009	11	3.50 in.	6.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities

Alameda County Public Works Agency - Water Resources Well Permit

or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

7. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

9. Note:

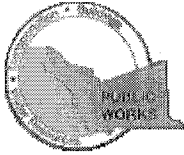
B-21 on property located at 3017 35th Ave.

10. B-26,B-27, B-28 on property located at 2925 35th Ave.

11. B-18, B-19, B-20,B-22 and B-23 located on property in the Street (City of Oakland)

12. B-24 and B-25 on property located at 2826 Bartlett St.

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 10/16/2008 By jamesy

Permit Numbers: W2008-0799
Permits Valid from 10/29/2008 to 11/07/2008

Application Id:	1224198454195	City of Project Site: Oakland
Site Location:	3055 35th Ave (Offsite locations: 3017 35th Ave, 2925 35th Ave, City of Oakland-Street, 3014 Bartlett St, 2826 Bartlett St	
Project Start Date:	11/03/2008	Completion Date: 11/07/2008
Requested Inspection:	11/03/2008	
Scheduled Inspection:	11/03/2008 at 2:00 PM (Contact your inspector, Vicky Hamlin at (510) 670-5443, to confirm.)	
Extension Start Date:	10/29/2008	Extension End Date: 11/07/2008
Extension Count:	1	Extended By: vickyh1

Applicant:	CRA - Byran Fong 5900 Hollis St, Suite A, Emeryville, CA 94608	Phone: 510-420-3369
Property Owner:	Golden Empire Properties (Lynn Worthington) 5942 MacArthur Blvd, Suite B, Oakland, CA 94605	Phone: 510-562-8600 x12
Client:	** same as Property Owner **	
Contact:	Byran Fong	Phone: -- Cell: --

	Total Due:	\$230.00
Receipt Number: WR2008-0373	Total Amount Paid:	\$230.00
Payer Name : Conestoga Rover & Associates	Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 11 Boreholes
Driller: RSI, Inc - Lic #: 802334 - Method: DP

Work Total: \$230.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2008-0799	10/16/2008	02/01/2009	11	3.50 in.	6.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits

Alameda County Public Works Agency - Water Resources Well Permit

and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

7. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

9. Note:

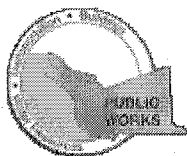
B-21 on property located at 3017 35th Ave.

10. B-26,B-27, B-28 on property located at 2925 35th Ave.

11. B-18, B-19, B-20,B-22 and B-23 located on property in the Street (City of Oakland)

12. B-24 and B-25 on property located at 2826 Bartlett St.

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 10/16/2008 By jamesy

Permit Numbers: W2008-0800
Permits Valid from 11/03/2008 to 11/07/2008

Application Id: 1224199851794 **City of Project Site:**Oakland
Site Location: 3055 35th Ave (Offsite locations at 3017 35th Ave, 2925 35th Ave, 3014 Bartlett St, 2826 Barlett

Project Start Date: 11/03/2008 **Completion Date:**11/07/2008
Requested Inspection:11/07/2008

Scheduled Inspection:11/07/2008 at 3:00 PM (Contact your inspector, Vicky Hamlin at (510) 670-5443, to confirm.)

Applicant: CRA - Byran Fong **Phone:** 510-420-3369
5900 Hollis St, Suite A, Emeryville, CA 94608

Property Owner: Golden Empire Properties (Lynn Worthington) **Phone:** 510-562-8600 x12
5942 MacArthur Blvd, Suite B, Oakland, CA 94605

Client: ** same as Property Owner **

	Total Due:	\$230.00
Receipt Number: WR2008-0374	Total Amount Paid:	\$230.00
Payer Name : Conesta Rovers & Associates		PAID IN FULL
		Paid By: CHECK

Works Requesting Permits:

Remediation Well Construction-Vapor Remediation Well - 8 Wells

Driller: RSI, Inc - Lic #: 802334 - Method: DP

Work Total: \$230.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2008-0800	10/16/2008	02/01/2009	SV-07	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-08	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-09	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-11	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-12	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-13	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-14	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-15	3.50 in.	4.00 in.	4.50 ft	6.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or

Alameda County Public Works Agency - Water Resources Well Permit

waterways or be allowed to move off the property where work is being completed.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.
4. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
6. Minimum seal depth (Neat Cement Seal) is 2 feet below ground surface (BGS).
7. Minimum surface seal thickness is two inches of cement grout placed by tremie
8. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
9. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
10. Well ownership of SV-7 and SV-8 located at 3017 35th Ave shall be Golden Empire Properties, Inc (3055 35th Ave)
5942 MacArthur Blvd, Suite B
Oakland, CA 94605
510-562-8600-X12 Lynn Worthington

Property owner at 3017 35th Ave is:
Kawai Lee
1461 Broadway Street, Suite 301
San Francisco, CA 94109
415-474-1938
11. Well ownership of SV-9 located at 3014 Bartlett St shall be Golden Empire Properties, Inc (3055 35th Ave)
5942 MacArthur Blvd, Suite B
Oakland, CA 94605
510-562-8600-X12 Lynn Worthington

Property owner at 3014 Bartlett St is:
Sey & Jeff Yuen
3014 Bartlett St
Oakland, CA 94602
510-436-4768

Alameda County Public Works Agency - Water Resources Well Permit

12. Well ownership of SV-11 and SV-12 located at 2826 Bartlett St shall be Golden Empire Properties, Inc (3055 35th Ave)

5942 MacArthur Blvd, Suite B

Oakland, CA 94605

510-562-8600-X12 Lynn Worthington

Property owner at 2826 Bartlett St is:

Elaine & Melinda Yu

2826 Bartlett St

Oakland, CA 94602

510-301-5866

13. Well ownership of SV-13, SV-14 and SV-15 located at 2925 35th Ave shall be Golden Empire Properties, Inc (3055 35th Ave) 5942 MacArthur Blvd, Suite B

Oakland, CA 94605

510-562-8600-X12 Lynn Worthington

Property owner at 2925 35th Ave is:

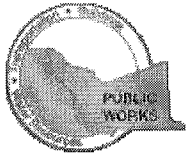
Stella M. Li

2925 35th Ave

Oakland, CA 94602

510-326-6968

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 10/16/2008 By jamesy

Permit Numbers: W2008-0800
Permits Valid from 10/29/2008 to 11/07/2008

Application Id:	1224199851794	City of Project Site: Oakland
Site Location:	3055 35th Ave (Offsite locations at 3017 35th Ave, 2925 35th Ave, 3014 Bartlett St, 2826 Barlett St	
Project Start Date:	11/03/2008	Completion Date: 11/07/2008
Requested Inspection:	11/07/2008	
Scheduled Inspection:	11/07/2008 at 3:00 PM (Contact your inspector, Vicky Hamlin at (510) 670-5443, to confirm.)	
Extension Start Date:	10/29/2008	Extension End Date: 11/07/2008
Extension Count:	1	Extended By: vickyh1

Applicant:	CRA - Byran Fong 5900 Hollis St, Suite A, Emeryville, CA 94608	Phone: 510-420-3369
Property Owner:	Golden Empire Properties (Lynn Worthington) 5942 MacArthur Blvd, Suite B, Oakland, CA 94605	Phone: 510-562-8600 x12
Client:	** same as Property Owner **	

Total Due:	\$230.00
Receipt Number: WR2008-0374 Total Amount Paid:	\$230.00
Payer Name : Conesta Rovers & Associates Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Remediation Well Construction-Vapor Remediation Well - 8 Wells
Driller: RSI, Inc - Lic #: 802334 - Method: DP

Work Total: \$230.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2008-0800	10/16/2008	02/01/2009	SV-07	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-08	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-09	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-11	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-12	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-13	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-14	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-15	3.50 in.	4.00 in.	4.50 ft	6.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled,

Alameda County Public Works Agency - Water Resources Well Permit

properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.
4. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
6. Minimum seal depth (Neat Cement Seal) is 2 feet below ground surface (BGS).
7. Minimum surface seal thickness is two inches of cement grout placed by tremie
8. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
9. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
10. Well ownership of SV-7 and SV-8 located at 3017 35th Ave shall be Golden Empire Properties, Inc (3055 35th Ave)
5942 MacArthur Blvd, Suite B
Oakland, CA 94605
510-562-8600-X12 Lynn Worthington

Property owner at 3017 35th Ave is:
Kawai Lee
1461 Broadway Street, Suite 301
San Francisco, CA 94109
415-474-1938
11. Well ownership of SV-9 located at 3014 Bartlett St shall be Golden Empire Properties, Inc (3055 35th Ave)
5942 MacArthur Blvd, Suite B
Oakland, CA 94605
510-562-8600-X12 Lynn Worthington

Property owner at 3014 Bartlett St is:
Sey & Jeff Yuen
3014 Bartlett St
Oakland, CA 94602

Alameda County Public Works Agency - Water Resources Well Permit

510-436-4768

12. Well ownership of SV-11 and SV-12 located at 2826 Bartlett St shall be Golden Empire Properties, Inc (3055 35th Ave)

5942 MacArthur Blvd, Suite B

Oakland, CA 94605

510-562-8600-X12 Lynn Worthington

Property owner at 2826 Bartlett St is:

Elaine & Melinda Yu

2826 Bartlett St

Oakland, CA 94602

510-301-5866

13. Well ownership of SV-13, SV-14 and SV-15 located at 2925 35th Ave shall be Golden Empire Properties, Inc (3055 35th Ave) 5942 MacArthur Blvd, Suite B

Oakland, CA 94605

510-562-8600-X12 Lynn Worthington

Property owner at 2925 35th Ave is:

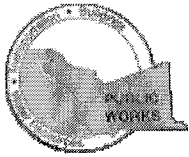
Stella M. Li

2925 35th Ave

Oakland, CA 94602

510-326-6968

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 10/16/2008 By jamesy

Permit Numbers: W2008-0800
Permits Valid from 10/29/2008 to 11/07/2008

Application Id:	1224199851794	City of Project Site:	Oakland
Site Location:	3055 35th Ave (Offsite locations at 3017 35th Ave, 2925 35th Ave, 3014 Bartlett St, 2826 Barlett St	Completion Date:	11/07/2008
Project Start Date:	11/03/2008	Extension End Date:	11/07/2008
Extension Start Date:	10/29/2008	Extended By:	vickyh1
Extension Count:	1		

Requested Inspection: 11/07/2008
Scheduled Inspection: 11/07/2008 at 3:00 PM(Contact your inspector, Vicky Hamlin at (510) 670-5443, to confirm.)

Applicant:	CRA - Byran Fong	Phone:	510-420-3369
	5900 Hollis St, Suite A, Emeryville, CA 94608		
Property Owner:	Golden Empire Properties (Lynn Worthington)	Phone:	510-562-8600 x12
	5942 MacArthur Blvd, Suite B, Oakland, CA 94605		
Client:	** same as Property Owner **		

Total Due:	\$230.00
Receipt Number: WR2008-0374 Total Amount Paid:	\$230.00
Payer Name : Conesta Rovers & Associates Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Remediation Well Construction-Vapor Remediation Well - 8 Wells
Driller: RSI, Inc - Lic #: 802334 - Method: DP

Work Total: \$230.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2008-0800	10/16/2008	02/01/2009	SV-07	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-08	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-09	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-10	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-11	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-12	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-13	3.50 in.	4.00 in.	4.50 ft	6.00 ft
W2008-0800	10/16/2008	02/01/2009	SV-15	3.50 in.	4.00 in.	4.50 ft	6.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled,

Alameda County Public Works Agency - Water Resources Well Permit

properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.
4. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
6. Minimum seal depth (Neat Cement Seal) is 2 feet below ground surface (BGS).
7. Minimum surface seal thickness is two inches of cement grout placed by tremie
8. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
9. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
10. Well ownership of SV-7 and SV-8 located at 3017 35th Ave shall be Golden Empire Properties, Inc (3055 35th Ave)
5942 MacArthur Blvd, Suite B
Oakland, CA 94605
510-562-8600-X12 Lynn Worthington

Property owner at 3017 35th Ave is:
Kawai Lee
1461 Broadway Street, Suite 301
San Francisco, CA 94109
415-474-1938
11. Well ownership of SV-9 located at 3014 Bartlett St shall be Golden Empire Properties, Inc (3055 35th Ave)
5942 MacArthur Blvd, Suite B
Oakland, CA 94605
510-562-8600-X12 Lynn Worthington

Property owner at 3014 Bartlett St is:
Sey & Jeff Yuen
3014 Bartlett St
Oakland, CA 94602

Alameda County Public Works Agency - Water Resources Well Permit

510-436-4768

12. Well ownership of SV-11 and SV-12 located at 2826 Bartlett St shall be Golden Empire Properties, Inc (3055 35th Ave)

5942 MacArthur Blvd, Suite B

Oakland, CA 94605

510-562-8600-X12 Lynn Worthington

Property owner at 2826 Bartlett St is:

Elaine & Melinda Yu

2826 Bartlett St

Oakland, CA 94602

510-301-5866

13. Well ownership of SV-13, SV-14 and SV-15 located at 2925 35th Ave shall be Golden Empire Properties, Inc (3055 35th Ave) 5942 MacArthur Blvd, Suite B

Oakland, CA 94605

510-562-8600-X12 Lynn Worthington

Property owner at 2925 35th Ave is:

Stella M. Li

2925 35th Ave

Oakland, CA 94602

510-326-6968

CITY OF OAKLAND • Community and Economic Development Agency

250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2268

Applications for which no permit is issued within 180 days shall expire by limitation. No refund after 180 days when expired.

Appl# OB080909

Job Site 3055 35TH AV

Parcel# 027-0890-006-02

Reserve parking lane for soil boring on School St

Permit Issued 10/31/08

Nbr. of days: 1

Linear feet: 50

Effective: 10/31/08

Expiration: 10/31/08

SHORT TERM NON-METERED

Applicant Phone# Lic# License Classes

Owner GOLDEN EMPIRE PROPERTIES INC

Contractor RESONANTSONIC

(530) 668-2424 802334 C57 A

Arch/Engr

Agent GRA WORLD/E SYRSTAD

X (510) 420-3317

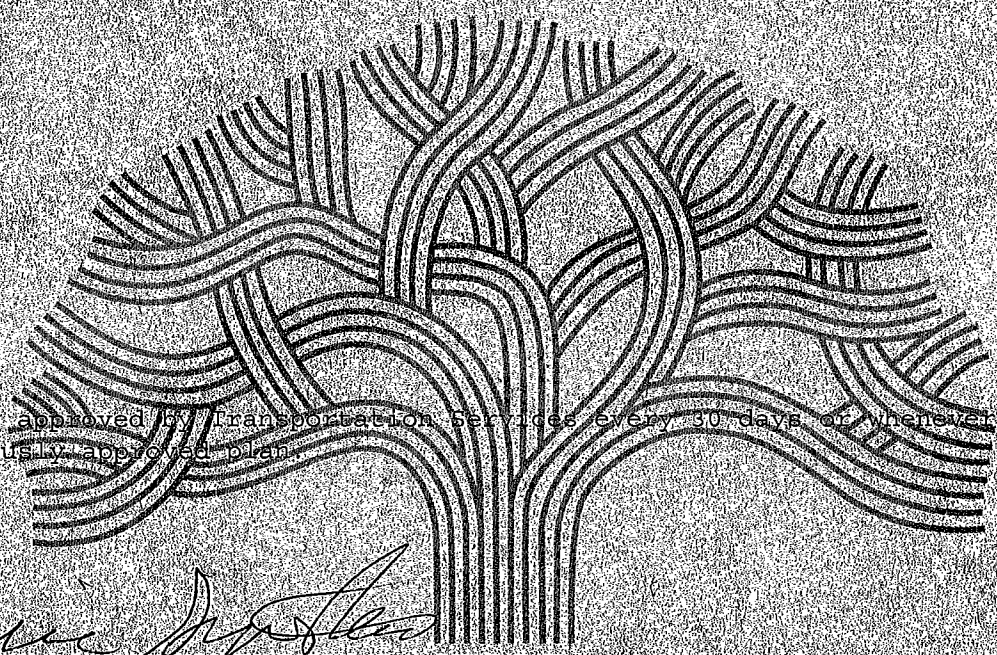
JOB SITE

Public Addr 220 N EAST ST, WOODLAND CA, 95776

\$113.03 TOTAL FEES PAID AT ISSUANCE

\$66.00	Applic	\$32.50	Permit
\$.00	Process	\$9.36	Rec Mgmt
\$.00	Gen Plan	\$.00	Invstg
\$.00	Other	\$5.17	Tech Enh

ADDRESS
DIST



TCP needs to be approved by Transportation Services every 30 days or whenever deviated from the previously approved plan.

Applicant:

Eric [Signature]

Issued by:

[Signature]

CITY OF OAKLAND

PAID
10/31/08 *[Signature]*

CITY OF OAKLAND • Community and Economic Development Agency

250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263

Applications for which no permit is issued within 180 days shall expire by limitation. No refund after 180 days when expired.

Appl# X0802123

Job Site 2838 BARTLETT ST

Parcel# 027 -0890-024-00

Descr permit for soil boring no excavation with out c42 HMMP
site explained

Permit Issued 10/21/08

JOB SITE

Work Type EXCAVATION-PRIVATE-P

USA #

Util Co. Job #
Util Fund #:

Acctg#:

Applicant Phone# Lic# License Classes

Owner GOLDEN EMPIRE PROPERTIES INC

Contractor RESONANTSONIC

X (530) 668-2424 802334 C57 A

Arch/Engr

Agent

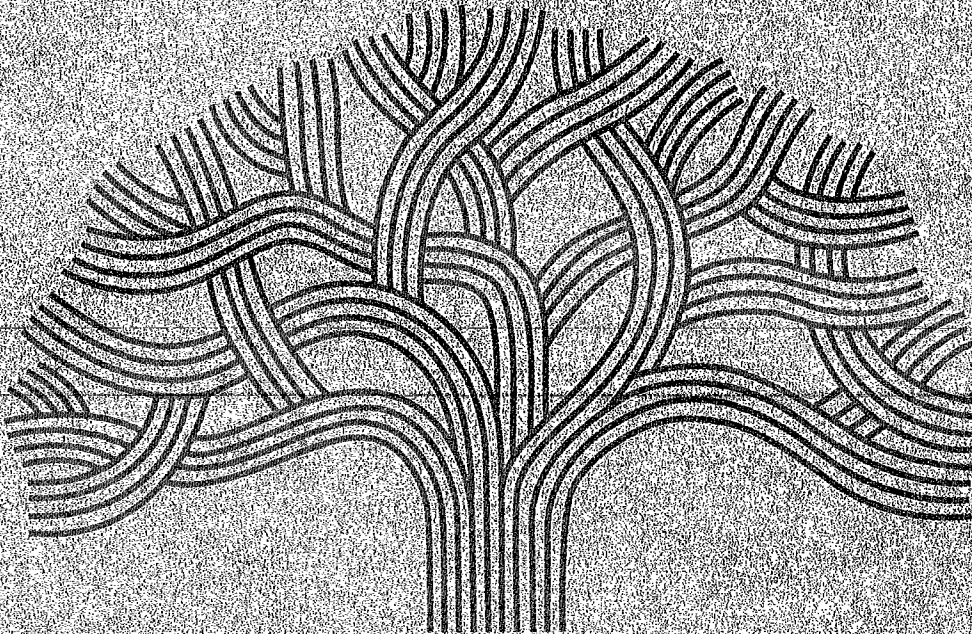
Public Addr 220 N EAST ST., WOODLAND CA, 95776

\$419.99 TOTAL FEES PAID AT ISSUANCE

\$66.00	Applic	\$300.00	Permit
\$ 0.00	Process	\$34.77	Rec Mgmt
\$ 0.00	Gen Plan	\$ 0.00	Invstg
\$ 0.00	Other	\$19.22	Tech Enh

ADDRESS

DIST



CITY OF OAKLAND

Date: 10/21/08 Amt Paid: \$990.31

By: DLR Register R02 Receipt# 121071



EXCAVATION PERMIT

CIVIL
ENGINEERING

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

PAGE 2 of 2

Permit valid for 90 days from date of issuance

PERMIT NUMBER X 0 8 0 2 1 9 3		THE ADDRESS/LOCATION 2874 BARTLETT ST
APPROX. START DATE 10/29/08	APPROX. END DATE 11/7/2008	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-hour number) 530 681 5198
CONTRACTOR LICENSE # AND CLASS 802334 C-57		CITY BUSINESS TAX # 2649225

- ATTENTION
- State law requires that the contractor (owner or) Underground Service Alert (USA) two working days before excavating. This permit is not valid unless applicant has signed an inquiry identification number issued by USA. The USA telephone number is 1-800-647-4443, Underground Service Alert (USA).
 - 48 hours prior to starting work, you MUST CALL (510) 238-3651 to schedule an inspection.
 - 48 hours prior to re-paving, a compaction certificate is required (waived for approved slurry backfill).

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code): Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is exempt pursuant to the provisions of the Contractor's License Law Chapter 2 (concurrent with Sec. 7006) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500.

I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees.

provided that such improvements are not intended or offered for sale. If however the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve (in the purpose of sale).

I, as owner of the property, am exempt from the requirements of the above due to: (1) I am improving my principal place of residence or appurtenance therefor; (2) the work will be performed prior to sale; (3) I have resided in the residence for the 12 months prior to completion of the work; and (4) I have not claimed exemption on this subdivision on more than two occasions from within three-year period (Sec. 7044 Business and Professions Code).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Sec. 7044 Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.

I am exempt under Sec. 7031.5 B&P.C. for this reason:

WORKER'S COMPENSATION

I hereby affirm that I have a certificate of payment to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # **7131553107** Company Name **State Fund**

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Law of California (not required for work valued at one hundred dollars (\$100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions of this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12, Chapter 2, 12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or assignment of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of this permit agrees to do so, maintain, save and hold harmless the City, its officers and employees, (past and present) and all other persons, from and against all claims, demands or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 2 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

Signature of Permittee: *[Signature]* Date: **10/21/08**

Signature of Engineer: *[Signature]* Date: **10-21-08**

APPROVED BY: *[Signature]*

CITY OF OAKLAND • Community and Economic Development Agency

250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263

Applications for which no permit is issued within 180 days shall expire by limitation. No refund after 180 days when expired.

Appl# X0802122

Job Site 3055 35TH AV

Parcel# 027-0890-006-02

Descr permit for soil boring no excavation with out c42 HMP
site explained

Permit Issued 10/21/08

JOB SITE

Work Type EXCAVATION-PRIVATE P

USA #

Util Co. Job #

Acctg#:

Util Fund #:

Applicant

Phone#

Lic#

--License Classes--

Owner GOLDEN EMPIRE PROPERTIES INC

Contractor RESONANTSONIC

X

(530) 668-2424 802334 C57 A

Arch/Engr

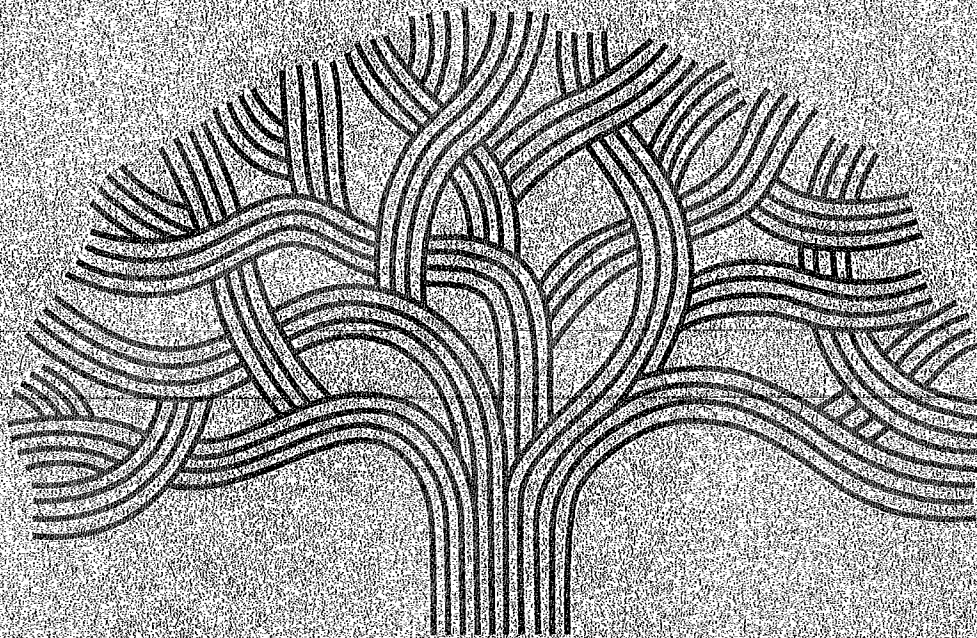
Agent

Public Addr 220 N EAST ST., WOODLAND CA, 95776

\$419.99 TOTAL FEES PAID AT ISSUANCE

\$66.00 Applic	\$300.00 Permit
\$.00 Process	\$34.77 Rec Mgmt
\$.00 Gen Plan	\$.00 Invstg
\$.00 Other	\$19.22 Tech Enh

DIST ADDRESS



CITY OF OAKLAND

Date: 10/21/08 Amt Paid: \$998.31
By: DLR Register R02 Receipt# 121871



EXCAVATION PERMIT

CIVIL
ENGINEERING

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

PAGE 2 of 2

Permit valid for 90 days from date of issuance

PERMIT NUMBER X0802122*		SITE ADDRESS/LOCATION 3055 35th Avenue Oakland CA	
APPROX. START DATE 10/29/08	APPROX. END DATE 11/7/2008	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour Number) 530 681 3198	
CONTACTOR'S LICENSE # AND CLASS 802334 C 57		CITY BUSINESS TAX # 2449225	

ATTENTION:

- State law requires that the contractor/owner call Underground Service Alert (USA) two working days before excavation. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1-800-647-2443 (Underground Service Alert (USA)).
- 48 hours prior to starting work, you **MUST CALL** (510) 238-3651 to schedule an inspection.
- 48 hours prior to re-paving, a compaction certificate is required (waived for approved shurry backfill).

OWNERS/OWNER:

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code. Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law, Chapter 4 (commencing with Sec. 7600) of Division 3 of the Business and Professions Code, or that he is exempt therefrom, and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$5000).

I am an owner of the property, or my employee, with wages as their sole compensation, will do the work, and the structure is not intended to be offered for sale (Sec. 7034, Business Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale).

I am an owner of the property. An exemption from the above requirements of the above cited: (1) I am improving my principal place of residence or appearance thereof; (2) the work will be performed prior to sale; (3) I have resided in the residence for the 12 months prior to completion of the work; and (4) I have not obtained exemption on this subdivision on more than two separate more than once during any three-year period; (Sec. 7042, Business and Professions Code).

I am an owner of the property, am exclusively practicing a profession, licensed occupation or trade, and who contracts for such projects with a contractor(s), licensed pursuant to the Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s), licensed pursuant to the Contractor's License Law.

I am exempt under Sec. _____ of the BPC for this reason.

WORKER'S COMPENSATION:

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # 7/31553707 Company Name State Fund

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject in the Worker's Compensation Laws of California not required for work valued at one hundred dollars (\$100) or less.

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12, Chapter 12, 12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of this permit agrees to defend, indemnify, save and hold harmless the City, its officers, all employees, from all claims, suits and all other claims, or actions brought by any person or on account of any bodily injuries, illness or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is valid 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), and I have read this permit, and agree to its requirements, and that the above information is true and correct under penalty of law.

[Signature] **10/21/08**
Date

NAME OF PERMITTEE <input checked="" type="checkbox"/> Applicant <input type="checkbox"/> Contractor <input type="checkbox"/> Owner	PERMIT CLASS <input type="checkbox"/> SPECIAL PERMIT <input type="checkbox"/> SPECIAL PERMIT	NOBILITY RESTRICTION (NOVEL JAN)	STANDARD PERMITS (NOVEL JAN)
EXPIRES PERIODICALLY	PERIODICALLY	PERIODICALLY	PERIODICALLY
ISSUED BY <i>[Signature]</i>		DATE ISSUED 10.21.08	

Applications for which no permit is issued within 180 days shall expire by limitation. No refund after 180 days when expired.

Appl# OB080876 Job Site 3055 35TH AV Parcel# 027 0890-006-02
permit to block parking lane for soil boring no sidewalk Permit Issued 10/21/08

3055 35TH ST

JOB SITE

Nbr of days: 1
Effective: 10/30/08

Linear feet: 100
Expiration: 10/30/08

SHORT TERM NON-METERED

Owner	Applent	Phone#	Lic#	License Classes
GOLDEN EMPIRE PROPERTIES INC				
Contractor RESONANTSONIC	X	(530)668-2424	802334	C57 A
Arch/Engr				
Agent				
Public Addr 220 N EAST ST, WOODLAND CA, 95776				

\$150.33 TOTAL FEES PAID AT ISSUANCE	
\$66.00 Applic	\$63.00 Permit
\$0.00 Process	\$12.45 Rec Mgmt
\$0.00 Gen Plan	\$0.00 Invtstg
\$0.00 Other	\$6.88 Tech Enh

ADDRESS
DIST

TCP needs to be approved by Transportation Services every 30 days or whenever deviated from the previously approved plan.

Applicant:

Issued by:

10-21-08

CITY OF OAKLAND

Date: 10/21/08 Amt Paid: \$990.31
By: DLR Register R02 Receipt# 121871

CITY OF OAKLAND • Community and Economic Development Agency

250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263

Applications for which no permit is issued within 180 days shall expire by limitation. No refund after 180 days when expired.

Appl# ENMI08221 Job Site 3055 35TH AV Parcel# 027 -0890-006-02

Descr install sv-10 monitoring well in the public right of way at 2838 Bartlett St Filed 11/04/08

JOB SITE

Insurance Required? YES Carrier ACCORD Expires

Applicant Phone# Lic# --License Classes--

Owner GOLDEN EMPIRE PROPERTIES INC

Contractor

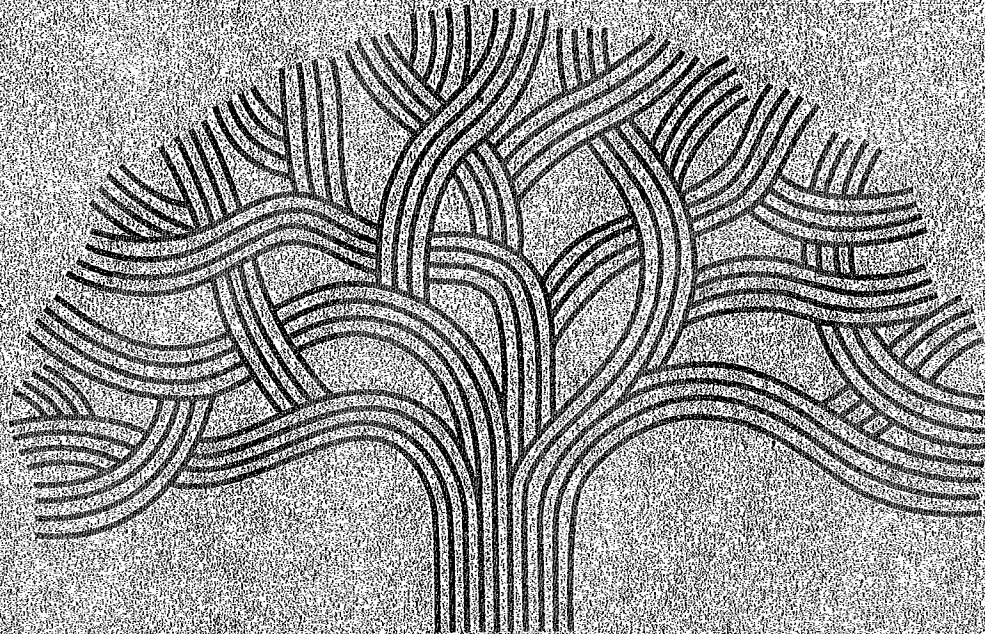
Arch/Engr CONESTOGA ROVERS AND ASSOC

Agent BRYAN FONG X (510) 420-3369

Office Addr 5942 MACARTHUR BLVD OAKLAND CA, 94605

\$1,014.39 TOTAL FEES PAID AT FILING	\$0.00 TOTAL FEES PAID AT ISSUANCE
\$66.00 Applic	\$0.00 Permit
\$818.00 Process	\$83.98 Rec Mgmt
\$0.00 Gen Plan	\$0.00 Invtg
\$0.00 Other	\$46.41 Tech Enh

DIST ADDRESS



CITY OF OAKLAND

PAID
11/4/08 (WTD)

Recording requested by:

CITY OF OAKLAND

When recorded mail to:

City of Oakland
CEDA - Building Services
Dalziel Administration Building
250 Ogawa Plaza - 2nd Floor
Oakland, CA 94612
Attn: City Engineer

----- space above for Recorder's use only -----

INDENTURE AGREEMENT

Address: 3055 35th Ave.

Permit no: ENMI08221

Resolution No. N.A. C.M.S.

Parcel no: 027-0890-006-02

Authorities: Municipal Code Section 12.08.080

Description: Encroach into the Public Right-of-Way with monitoring well.

RECITAL

The owner subscribed below of fee simple interest in the property referenced above and described in Exhibit B attached hereto, is hereby granted, for an indeterminate period of time, the revocable permit referenced above allowing the temporary encroachment described above and delineated in Exhibit C, attached hereto, and limiting the use, exercise, and operation of the encroachment with the requirements and restrictions set forth in Exhibit A, attached hereto, and the associated permit. The owner agrees by and between themselves to be bound by the general and special conditions in Exhibit A and to comply with these conditions faithfully and fully at all times. The conditions of this agreement and associated permit shall equally bind all agents, heirs, successors, and assigns of the owner.

ACKNOWLEDGEMENT OF PROPERTY OWNER

(Notarization of signature required)

Signature _____

Lilian Tavango

Date _____

ATTACHMENTS

Exhibit A - Conditions of encroachment

Exhibit C - Limits of encroachment

Exhibit B - Description of privately owned parcel

CITY OF OAKLAND
a municipal corporation

by _____

date _____

DEBORAH EDGERLY
City Administrator

RAYMOND M. DERANIA
Interim City Engineer
Community and Economic Development Agency

EXHIBIT A

Conditions for an Encroachment in the Public Right-Of-Way

Address: 3055 35th Ave.

parcel no: 027-0890-006-02

permittee: Lilian Tavango

permit no: ENMI08221

- **General conditions of the encroachment**

1. This agreement may be voided and the associated permit for an encroachment may be revoked at any time and for any reason, at the sole discretion of the City Council, or the associated permit may be suspended at any time, at the sole discretion of the City Engineer, upon failure of the permittee to comply fully and continuously with each and all of the general and special conditions set forth herein and in the associated permit.
2. The property owner and permittee hereby disclaim any right, title, or interest in or to any portion of the public right-of-way, including the sidewalk and street, and agree that the encroachment is granted for indeterminate period of time and that the use and occupancy by the permittee of the public right-of-way is temporary and does not constitute an abandonment, whether expressed or implied, by the City of Oakland of any of its rights associated with the statutory and customary purpose and use of and operations in the public right-of-way.
3. The permittee agrees to indemnify and save harmless the City of Oakland, its officers, agents, employees, and volunteers, and each of them, from any suits, claims, or actions brought by any person or persons, corporations, or other entities for on account of any bodily injury, disease, or illness, including death, damage to property, real or personal, or damages of any nature, however caused, and regardless of responsibility for negligence, arising in any manner out of the construction of or installation of a private improvement itself or sustained as result of its construction or installation or resulting from the permittees' failure to maintain, repair, remove and/or reconstruct the private improvement.
4. The permittee shall maintain fully in force and effect at all times that the encroachment occupies the public right-of-way good and sufficient public liability insurance in a face amount not less than \$300,000.00 for each occurrence, and property damage insurance in a face amount not less than \$50,000.00 for each occurrence, both including contractual liability, insuring the City of Oakland, its officers, agents, employees, and volunteers against any and all claims arising out of the existence of the encroachment in the public right-of-way, as respects liabilities assume under this permit, and that a certificate of such insurance and subsequent notices of the renewal thereof, shall be filed with the City Engineer of the City of Oakland, and that such certificate shall state that the insurance coverage shall not be canceled or be permitted to lapse without thirty calendar (30) days written notice to the City Engineer. The permittee also agree that the City of Oakland may review the type and amount of insurance required of the permittee annually and may require the permittee to increase the amount of and/or change the type of insurance overage required.
5. The permittee shall be solely and fully liable and responsible for the repair, replacement, removal, reconstruction, and maintenance of any portion or all of the private improvements constructed or installed in the public right-of-way, whether by the cause, neglect, or negligence of the permittee or others and for the associated costs and expenses necessary to restore or remove the encroachment to the satisfaction of the City Engineer and shall not allow the encroachment to become a blight or a menace or a hazard to the health and safety of the general public.

6. The permittee acknowledge and agree that the encroachment is out of the ordinary and does not comply with City of Oakland standard installations. The permittee further acknowledge and agree that the City of Oakland and public utility agencies will periodically conduct work in the public right-of-way, including excavation, trenching, and relocation of its facilities, all of which may damage the encroachment. Permittee further acknowledge and agree that the City and public utility agencies take no responsibility for repair or replacement of the encroachment which may be damaged by the City or its contractors or public utility agencies or their contractors. Permittee further acknowledge and agree that upon notification by and to the satisfaction of the City Engineer, permittee shall immediately repair, replace, or remove, at the sole expense of the permittee, all damages to the encroachment that are directly or indirectly attributable to work by the City or its contractors or public utility agencies or their contractors.
7. Permittee shall remain liable for and shall immediately reimburse the City of Oakland for all costs, fee assessments, penalties, and accruing interest associated with the City's notification and subsequent abatement action for required maintenance, repairs, or removal, whether in whole or in part, of the encroachment or of damaged City infrastructure made necessary by the failure, whether direct or indirect, of the permittees to monitor the encroachment effectively and accomplish preventative, remedial, or restorative work expeditiously. The City reserves the unqualified right to collect all monies unpaid through any combination of available statutory remedies, including recordation of Prospective Liens and Priority Liens/ Special Assessments with the Alameda County Recorder, inclusion of non-reimbursed amounts by the Alameda County Assessor with the annual assessment of the general levy, and awards of judgments by a court of competent jurisdiction.
8. Upon revocation of the encroachment permit, permittee shall immediately, completely, and permanently remove the encroachment from the public right-of-way and restore the public right-of-way to its original conditions existing before the construction or installation of the encroachment, to the satisfaction of the City Engineer and all at the sole expense of the permittee.
9. This agreement and the associated permit for an encroachment shall become effective upon filing of this agreement with the Alameda County Clerk Recorder for recordation as an encumbrance of the property and its title.

• **Special conditions of the encroachment**

10. That said permittee acknowledges that the City makes no representations or warranties as to the conditions beneath said encroachment. By accepting this revocable permit, permittee agrees that it will use the encroachment area at its own risk, is responsible for the proper coordination of its activities with all other permittee, underground utilities, contractors, or workmen operating, within the encroachment area and for the safety of itself and any of its personnel in connection with its entry under this revocable permit.
11. That said permittee acknowledges that the City is unaware of the existence of any hazardous substances beneath the encroachment area, and permittee hereby waives and fully releases and forever discharges the City and its officers, directors, employees, agents, servants, representatives, assigns and successors from any and all claims, demands, liabilities, damages, actions, causes of action, penalties, fines, liens, judgments, costs, or expenses whatsoever (including, without limitation, attorneys' fees and costs), whether direct or indirect, known or unknown, foreseen or unforeseen, that may arise out of or in any way connected with the physical condition or required remediation of the excavation area of any law or regulation applicable thereto, including, without limitation, the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended (42 U.S.C. Sections 9601 et seq.), the Resource Conservation and Recovery Act of 1976 (42 U.S.C. Section 466 et seq.), the Safe Drinking

Water Act (14 U.S.C. Sections 1401, 1450), the Hazardous Waste Control Law (California Health and Safety Code Sections 25100 et seq.), the Porter-Cologne Water Quality Control Act (California Health and Safety Code Section 13000 et seq.), the Hazardous Substance Account Act (California Health and Safety Code Sections 253000 et seq.), and the Safe Drinking Water and Toxic Enforcement Act (California Health and Safety Code Section 25249.5 et seq.).

12. That said permittee further acknowledges that it understands and agrees that it hereby expressly waives all rights and benefits which it now has or in the future may have, under and by virtue of the terms of California Civil Code Section 1542, which reads as follows: "A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS WHICH THE CREDITOR DOES NOT KNOW OR SUSPECT TO EXIST IN HIS FAVOR AT THE TIME OF EXECUTING THE RELEASE, WHICH IF KNOWN BY HIM MUST HAVE MATERIALLY AFFECTED HIS SETTLEMENT WITH THE DEBTOR."
13. That said permittee recognizes that by waiving the provisions of this section, permittee will not be able to make any claims for damages that may exist, and to which, if known, would materially affect its decision to agree to these encroachment terms and conditions, regardless of whether permittee's lack of knowledge is the result of ignorance, oversight, error, negligence, or any other cause.
14.
 - (a) That said permittee, by the acceptance of this revocable permit, agrees and promises to indemnify, defend, and hold harmless the City of Oakland, its officers, agents, and employees, to the maximum extent permitted by law, from any and all claims, demands, liabilities damages, actions, causes of action, penalties, fines, liens, judgments, costs, or expenses whatsoever (including, without limitation, attorneys' fees and costs; collectively referred to as "claims", whether direct or indirect, known or unknown, foreseen or unforeseen, to the extent that such claims were either (1) caused by the permittee, its agents, employees, contractors or representatives, or, (2) in the case of environmental contamination, the claim is a result of environmental contamination that emanates or emanated from 3055 35th Ave, Oakland, California site, or was otherwise caused by the permittee, its agents, employees, contractors or representatives.
 - (b) That, if any contamination is discovered below or in the immediate vicinity of the encroachment, and the contaminants found are of the type used, housed, stored, processed or sold on or from 3055 35th Ave, Oakland, California site, such shall amount to a rebuttable presumption that the contamination below, or in the immediate vicinity of, the encroachment was caused by the permittee, its agents, employees, contractors or representatives.
 - (c) That said permittee shall comply with all applicable federal, state, county and local laws, rules, and regulations governing the installation, maintenance, operation and abatement of the encroachment.
15. That said Encroachment Permit and Agreement shall take effect when all the conditions hereinabove set forth shall have been complied with to the satisfaction of the City Engineer, and shall become null and void upon the failure of the permittee to comply with all conditions.
16. The Council of the City of Oakland, at its sole discretion and at future date not yet determined, may impose additional and continuing fees as prescribed in the Master Fee Schedule, for use and occupation of the public right of way

EXHIBIT B

Description of the Private Property Abutting the Encroachment

Address: 3055 35th Ave.

parcel no: 027-0890-006-02

Recorders Series No. 5044266

Recorded February, 14th, 1990

Lots 54 and 55 and a portion of Lot 56 as shown on the Map of Fruitvale Addition Tract, filed June 21, 1904, in Map Book 20 at Page 15, in the Office of the County Recorder of Alameda County, California, described as follows:

Beginning at the intersection of the Northwestern line of 35th Avenue (formerly Redwood Road) with the Southwestern line of School Street, as said Avenue and Street are shown on said Map; running thence along said line of School Street North 40 degrees 27 minutes West 144.62 feet to a point distant thereon South 40 degrees 07 minutes East, 106.00 feet from the Southeastern line of Bartlett Street, as said street is shown on said Map; thence parallel with said line of Bartlett Street South 53 degrees 15 minutes West 77.87 feet, more or less, to the Southwestern line of said Lot 56; thence along the last named line South 36 degrees 45 minutes East, 19.22 feet to the Northwestern line of said Lot 54; thence along the last named line Southwesterly 50 feet to the Southwestern line of said Lot 54; thence along the last named line Southeasterly 125 feet to said Northwestern line of 35th Avenue and thence along the last named line North 53 degrees 15 minutes East 137.25 feet to the point of beginning.

Excepting therefrom:

Minerals and oil, gas and other hydrocarbon substances under said land below a depth of 500 feet without the right of surface entry as reserved in that certain Grant Deed executed by Atlantic Richfield Company, formerly the Atlantic Refining Company, successor by merger to Richfield Oil Corporation recorded February 20, 1985, Series Number 85-36707.

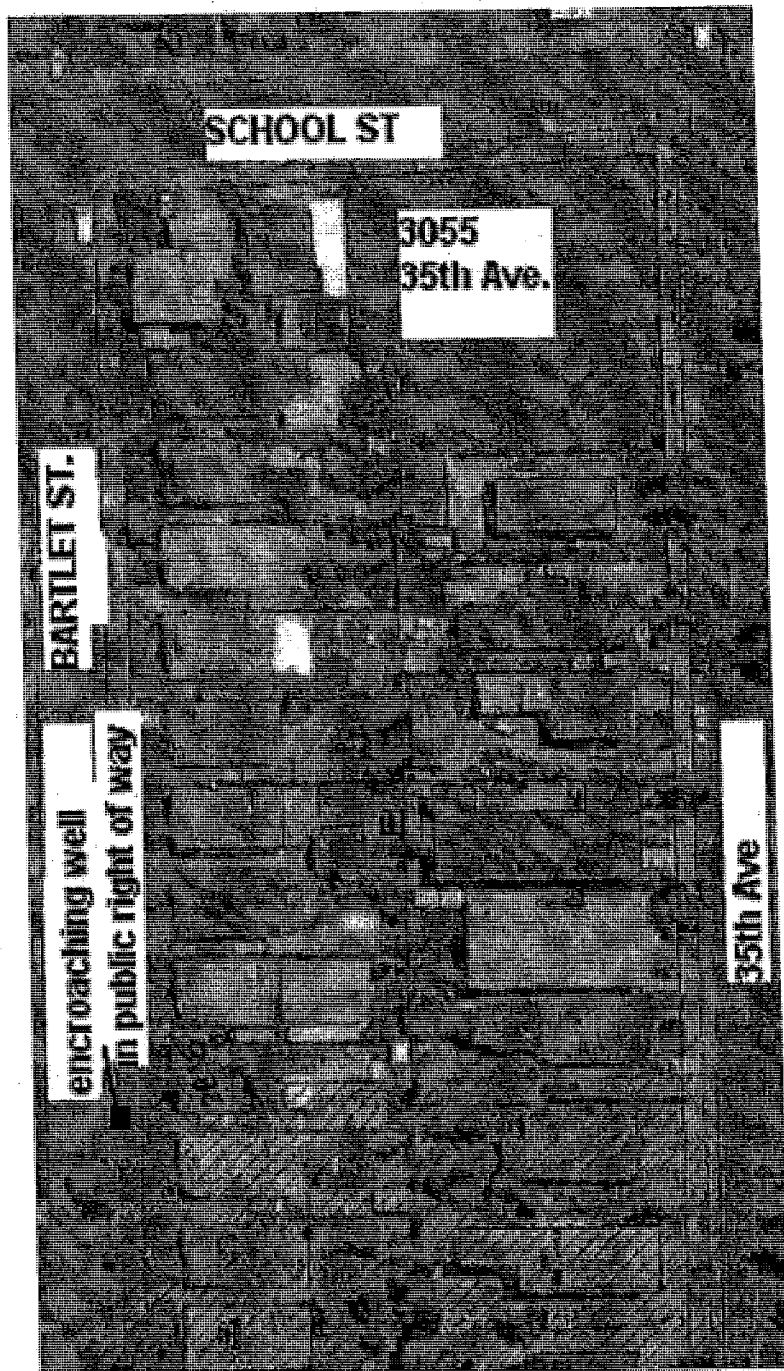
A more legible copy is available for reviewing at the Office of the City Engineer, City of Oakland 250 Frank H. Ogawa Plaza 2nd Floor.

EXHIBIT C

Limits of the Encroachment in the Public Right-Of-Way

Address: 3055 35th Ave

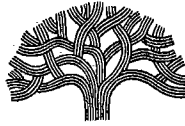
parcel no: 027-0890-006-02



A more legible copy is available for reviewing at the Office of the City Engineer, City of Oakland 250 Frank H. Ogawa Plaza 2nd Floor.

CITY OF OAKLAND

Community & Economic Development Agency Building Services
250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, California 94612



From: Patrick Taylor
510-238-4781
Fax: 510-238-2263

Memo

_____ 2008

To: Brian Fong ,

Re: 3055 35th Avenue encroachment agreement ENMI08221

Enclosed is encroachment permit cover letter requiring signature.

If all is found to be in good order, please have the owner sign and notarize the cover letter and return the package to me for mailing.

Contact me if you need additional information or have any questions.

APPENDIX C

STANDARD OPERATION PROCEDURES

CAMBRIA

STANDARD FIELD PROCEDURES FOR GEOPROBE® SAMPLING

This document describes Cambria Environmental Technology's standard field methods for GeoProbe® soil and ground water sampling. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Objectives

Soil samples are collected to characterize subsurface lithology, assess whether the soils exhibit obvious hydrocarbon or other compound vapor odor or staining, estimate ground water depth and quality and to submit samples for chemical analysis.

Soil Classification/Logging

All soil samples are classified according to the Unified Soil Classification System by a trained geologist or engineer working under the supervision of a California Registered Geologist (RG) or a Certified Engineering Geologist (CEG). The following soil properties are noted for each soil sample:

- Principal and secondary grain size category (i.e., sand, silt, clay or gravel)
- Approximate percentage of each grain size category,
- Color,
- Approximate water or separate-phase hydrocarbon saturation percentage,
- Observed odor and/or discoloration,
- Other significant observations (i.e., cementation, presence of marker horizons, mineralogy), and
- Estimated permeability.

Soil Sampling

GeoProbe® soil samples are collected from borings driven using hydraulic push technologies. A minimum of one and one half ft of the soil column is collected for every five ft of drilled depth. Additional soil samples can be collected near the water table and at lithologic changes. Samples are collected using samplers lined with polyethylene or brass tubes driven into undisturbed sediments at the bottom of the borehole. The ground surface immediately adjacent to the boring is used as a datum to measure sample depth. The horizontal location of each boring is measured in the field relative to a permanent on-site reference using a measuring wheel or tape measure.

Drilling and sampling equipment is steam-cleaned or washed prior to drilling and between borings to prevent cross-contamination. Sampling equipment is washed between samples with trisodium phosphate or an equivalent EPA-approved detergent.

Sample Storage, Handling and Transport

Sampling tubes chosen for analysis are trimmed of excess soil and capped with Teflon® tape and plastic end caps. Soil samples are labeled and stored at or below 4°C on either crushed or dry ice, depending upon local regulations. Samples are transported under chain-of-custody to a State-certified analytic laboratory.

CAMBRIA

Grab Ground Water Sampling

Ground water samples are collected from the open borehole using bailers, advancing disposable Tygon® tubing into the borehole and extracting ground water using a diaphragm pump, or using a hydro-punch style sampler with a bailer or tubing. The ground water samples are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4° C, and transported under chain-of-custody to the laboratory.

Grouting

If the borings are not completed as wells, the borings are filled to the ground surface with cement grout poured or pumped through a tremie pipe.

H:\RKR 2455 BATES, CONCORD\WORK PLANS\OP-M GEPROBE.DOC

STANDARD FIELD PROCEDURES FOR SOIL AND SOIL VAPOR SAMPLING

This document describes Cambria Environmental Technology's standard field methods for soil and soil vapor sampling. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Objectives

Soil and soil vapor samples are collected and analyzed to characterize subsurface contaminant distribution and to assess whether vapor-phase subsurface contaminants pose a threat to human health or the environment.

Soil Sampling

Soil samples are collected using lined samplers driven into undisturbed sediments beyond the bottom of the borehole. The vertical location of each soil sample is determined by measuring the distance from the middle of the soil sample tube to the end of the drive rod used to advance the sampler. The ground surface immediately adjacent to the boring is used as a datum to measure sample depth. The horizontal location of each boring is measured in the field relative to a permanent on-site reference using a measuring wheel or tape measure.

Sampling equipment is washed prior to and between samples to prevent cross-contamination. Trisodium phosphate or an equivalent EPA-approved detergent is used to wash equipment.

Sample Storage, Handling and Transport

Sampling tubes chosen for analysis are trimmed of excess soil and capped with Teflon tape and plastic end caps. Soil samples are labeled and stored at or below 4°C on either crushed or dry ice, depending upon local regulations. Samples are transported under chain-of-custody to a State-certified analytic laboratory.

Soil Vapor Sampling

Hand push soil vapor sampling method assures sample collection to shallow depths in most hydrogeologic environments. A hollow vapor probe is pushed into the ground, rather than augured, and the stratigraphy forms a vapor seal between the surface and subsurface environments ensuring that the surface and subsurface gases do not mix. Once the desired soil vapor sampling depth has been reached, the field technician installs disposable polyethylene tubing with a threaded adapter that screws into the bottom of the rods. The screw adapter ensures that the vapor sample comes directly from the bottom of the drill rods and does not mix with other vapor from inside the rod or from the ground surface. The operator then pulls up on the rods and exposes the desired stratigraphy by leaving an expendable drive point at the maximum depth. The required volume of soil vapor is then purged through the polyethylene tubing using a standard vacuum pump. The soil vapor can be sampled for direct injection into a field gas chromatograph, pumped into inert tedlar bags using a "bell jar" sampling device, or allowed to enter a Summa vacuum canister. Once collected, the vapor sample is transported under chain-of-custody to a state-certified laboratory. The ground surface immediately adjacent to the boring is used as a datum to measure sample depth. The horizontal location of each boring is measured in the field relative to a permanent on-site reference using a measuring wheel or tape measure. Drilling and sampling equipment is washed between samples with trisodium phosphate or an equivalent EPA-approved detergent.

STANDARD FIELD PROCEDURES FOR SOIL AND SOIL VAPOR SAMPLING CONT'D

Sample Storage, Handling and Transport

Samples are stored out of direct sunlight in coolers and transported under chain-of-custody to a state-certified analytic laboratory.

Field Screening

After collecting a vapor sample for laboratory analysis, Cambria often collects an additional vapor sample for field screening using a portable photo-ionization detector (PID), flame-ionization detector (FID), or GasTech• combustible gas detector to measure volatile hydrocarbon vapor concentrations. These measurements are used along with the field observations, odors, stratigraphy and ground water depth to help select the best location for additional borings to be advanced during the field mobilization.

Grouting

The borings are filled to the ground surface with neat cement.

CAMBRIA

STANDARD FIELD PROCEDURES FOR HAND-AUGER SOIL BORINGS

This document describes Cambria Environmental Technology's standard field methods for drilling and sampling soil borings using a hand-auger. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Objectives

Soil samples are collected to characterize subsurface lithology, assess whether the soils exhibit obvious hydrocarbon or other compound vapor odor or staining, estimate ground water depth and quality and to submit samples for chemical analysis.

Soil Classification/Logging

All soil samples are classified according to the Unified Soil Classification System by a trained geologist or engineer working under the supervision of a California Professional Geologist (PG) or a Certified Engineering Geologist (CEG). The following soil properties are noted for each soil sample:

- Principal and secondary grain size category (i.e. sand, silt, clay or gravel)
- Approximate percentage of each grain size category,
- Color,
- Approximate water or product saturation percentage,
- Observed odor and/or discoloration,
- Other significant observations (i.e. cementation, presence of marker horizons, mineralogy), and
- Estimated permeability.

Soil Boring and Sampling

Hand-auger borings are typically drilled using a hand-held bucket auger to remove soil to the desired sampling depth. Samples are collected using lined split-barrel or equivalent samplers driven into undisturbed sediments beyond the bottom of the augered hole. Samples may be collected in sampling containers fill so no head-space remains. The vertical location of each soil sample is determined using a tape measure. All sample depths use the ground surface immediately adjacent to the boring as a datum. The horizontal location of each boring is measured in the field from an onsite permanent reference using a measuring wheel or tape measure.

Augering and sampling equipment is steam-cleaned prior to drilling and between borings to prevent cross-contamination. Sampling equipment is washed between samples with trisodium phosphate or an equivalent EPA-approved detergent.

Sample Storage, Handling and Transport

Sampling tubes chosen for analysis are trimmed of excess soil and capped with Teflon tape and plastic end caps. Soil samples are labeled and stored at or below 4°C on either crushed or dry ice, depending upon local regulations. Samples are transported under chain-of-custody to a State-certified analytic laboratory.

CAMBRIA

Water Sampling

Water samples, if they are collected from the boring, are collected from the open borehole using bailers. The ground water samples are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4°C, and transported under chain-of-custody to the laboratory.

Grouting

The borings are filled to the ground surface with cement grout poured or pumped through a tremie pipe.

4/25/06

H:\RKR 2455 Bates, Concord\Work Plan\SOP-M Hand Auger Borings.doc

Conestoga-Rovers & Associates

STANDARD FIELD PROCEDURES FOR SOIL BORINGS

This document describes Conestoga-Rovers & Associates' standard field methods for drilling and sampling soil borings. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Objectives

Soil samples are collected to characterize subsurface lithology, assess whether the soils exhibit obvious hydrocarbon or other compound vapor odor or staining, estimate ground water depth and quality and to submit samples for chemical analysis.

Soil Classification/Logging

All soil samples are classified according to the Unified Soil Classification System by a trained geologist or engineer working under the supervision of a California Registered Geologist (RG) or a Certified Engineering Geologist (CEG). The following soil properties are noted for each soil sample:

- Principal and secondary grain size category (i.e. sand, silt, clay or gravel)
- Approximate percentage of each grain size category,
- Color,
- Approximate water or product saturation percentage,
- Observed odor and/or discoloration,
- Other significant observations (i.e. cementation, presence of marker horizons, mineralogy), and
- Estimated permeability.

Soil Boring and Sampling

Soil borings are typically drilled using hollow-stem augers or hydraulic push technologies. At least one and one half ft of the soil column is collected for every five ft of drilled depth. Additional soil samples are collected near the water table and at lithologic changes. Samples are collected using lined split-barrel or equivalent samplers driven into undisturbed sediments beyond the bottom of the borehole. The vertical location of each soil sample is determined by measuring the distance from the middle of the soil sample tube to the end of the drive rod used to advance the split barrel sampler. All sample depths use the ground surface immediately adjacent to the boring as a datum. The horizontal location of each boring is measured in the field from an onsite permanent reference using a measuring wheel or tape measure.

Drilling and sampling equipment is steam-cleaned prior to drilling and between borings to prevent cross-contamination. Sampling equipment is washed between samples with trisodium phosphate or an equivalent EPA-approved detergent.

Sample Storage, Handling and Transport

Sampling tubes chosen for analysis are trimmed of excess soil and capped with Teflon tape and plastic end caps. Soil samples are labeled and stored at or below 4°C on either crushed or dry ice, depending upon local regulations. Samples are transported under chain-of-custody to a State-certified analytic laboratory.

Conestoga-Rovers & Associates

Field Screening

One of the remaining tubes is partially emptied leaving about one-third of the soil in the tube. The tube is capped with plastic end caps and set aside to allow hydrocarbons to volatilize from the soil. After ten to fifteen minutes, a portable photoionization detector (PID) measures volatile hydrocarbon vapor concentrations in the tube headspace, extracting the vapor through a slit in the cap. PID measurements are used along with the field observations, odors, stratigraphy and ground water depth to select soil samples for analysis.

Water Sampling

Water samples, if they are collected from the boring, are either collected using a driven Hydropunch type sampler or are collected from the open borehole using bailers. The ground water samples are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4°C, and transported under chain-of-custody to the laboratory.

Duplicates and Blanks

Blind duplicate water samples are collected usually collected only for monitoring well sampling programs, at a rate of one blind sample for every 10 wells sampled. Laboratory-supplied trip blanks accompany samples collected for all sampling programs to check for cross-contamination caused by sample handling and transport. These trip blanks are analyzed if the internal laboratory QA/QC blanks contain the suspected field contaminants. An equipment blank may also be analyzed if non-dedicated sampling equipment is used.

Grouting

If the borings are not completed as wells, the borings are filled to the ground surface with cement grout poured or pumped through a tremie pipe.

Waste Handling and Disposal

Soil cuttings from drilling activities are usually stockpiled onsite on top of and covered by plastic sheeting. At least four individual soil samples are collected from the stockpiles for later compositing at the analytic laboratory. The composite sample is analyzed for the same constituents analyzed in the borehole samples. Soil cuttings are transported by licensed waste haulers and disposed in secure, licensed facilities based on the composite analytic results.

Ground water removed during sampling and/or rinsate generated during decontamination procedures are stored onsite in sealed 55 gallon drums. Each drum is labeled with the drum number, date of generation, suspected contents, generator identification and consultant contact. Disposal of the water is based on the analytic results for the well samples. The water is either pumped out using a vacuum truck for transport to a licensed waste treatment/disposal facility or the individual drums are picked up and transported to the waste facility where the drum contents are removed and appropriately disposed.

Conestoga-Rovers & Associates

STANDARD FIELD PROCEDURES SOIL VAPOR SAMPLING

This document describes CRA's standard field methods for soil vapor sampling. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Objectives

Soil vapor samples are collected and analyzed to assess whether vapor-phase subsurface contaminants pose a threat to human health or the environment.

Direct Push Method for Soil Vapor Sampling

The direct push method for soil vapor sampling uses a hollow vapor probe, which is pushed into the ground, rather than augured, and the stratigraphy forms a vapor seal between the surface and subsurface environments ensuring that the surface and subsurface gases do not mix. Once the desired soil vapor sampling depth has been reached, the field technician installs disposable polyethylene tubing with a threaded adapter that screw into the bottom of the rods. The screw adapter ensures that the vapor sample comes directly from the bottom of the drill rods and does not mix with other vapor from inside the rod or from the ground surface. In addition, hydrated bentonite is placed around the sampling rod and the annulus of the boring to prevent ambient air from entering the boring. The operator then pulls up on the rods and exposes the desired stratigraphy by leaving an expendable drive point at the maximum depth. The required volume of soil vapor is then purged through the polyethylene tubing using a standard vacuum pump. The soil vapor can be sampled for direct injection into a field gas chromatograph, pumped into inert tedlar bags using a "bell jar" sampling device, or allowed to enter a Summa vacuum canister. Once collected, the vapor sample is transported under chain-of-custody to a state-certified laboratory. The ground surface immediately adjacent to the boring is used as a datum to measure sample depth. The horizontal location of each boring is measured in the field relative to a permanent on-site reference using a measuring wheel or tape measure. Drilling and sampling equipment is washed between samples with trisodium phosphate or an equivalent EPA-approved detergent. Once the sampling is completed, the borings are filled to the ground surface with neat cement.

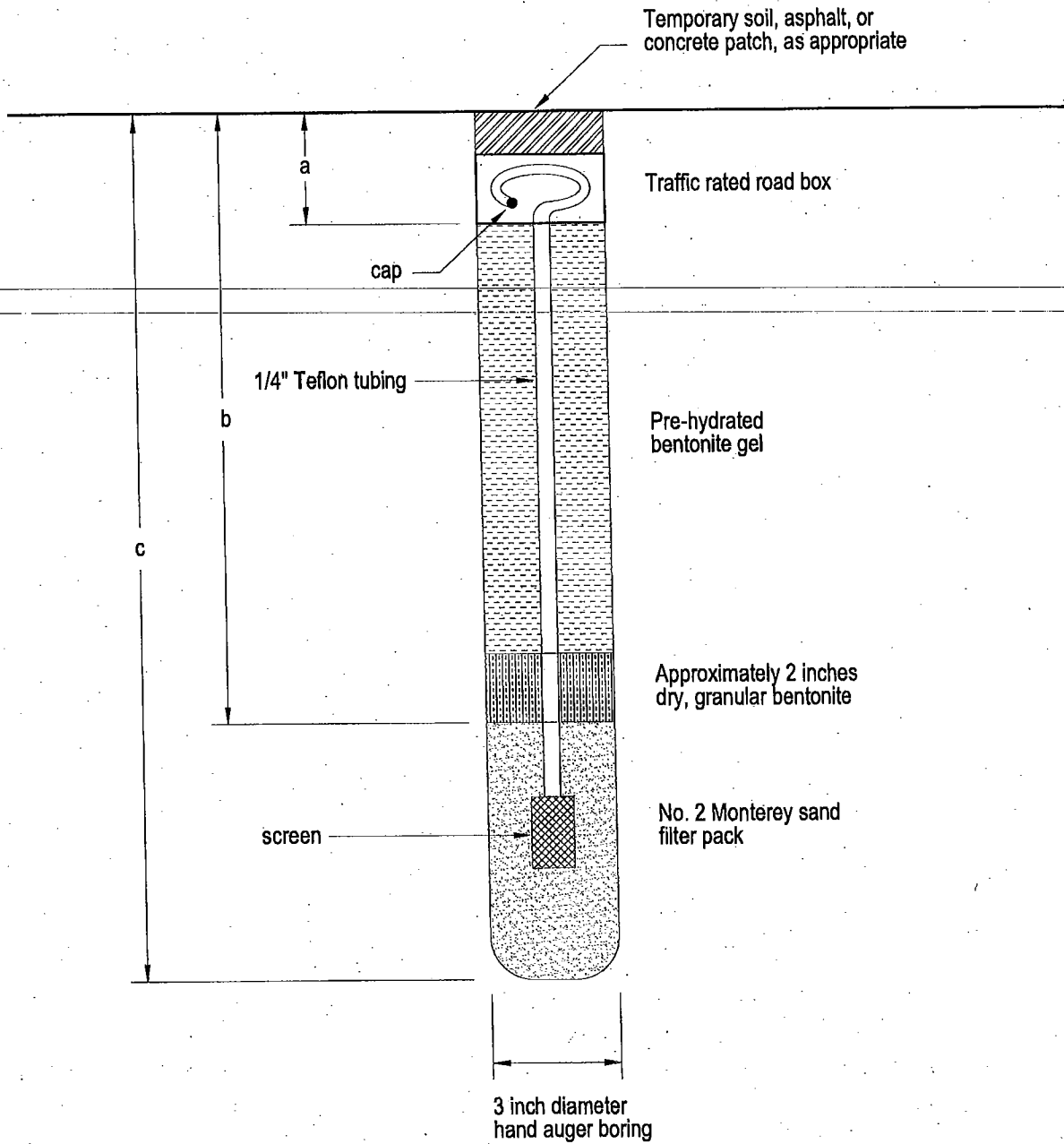
Shallow Soil Vapor Point Method for Soil Vapor Sampling

The shallow soil vapor point method for soil vapor sampling utilizes a hand augur to advance a boring for the installation of a soil vapor sampling point. Once the boring is hand augured to the final depth, a half a foot of number 2/16 filter sand is placed at the base of the boring (Figure A). One, 1/4-inch inner-diameter Teflon™ tube of known length is placed into the boring. The tube is fitted with a stainless steel screen and barbed brass fitting to prevent sand from clogging the tube and is capped at the top with another barbed brass fitting. Another half a foot of number 2/16 filter sand is placed above the bottom of the tubing creating a one foot zone of filter sand with the end of the tubing in the middle. A 2-inch layer of unhydrated bentonite chips is placed on top of the filter pack. Next pre-hydrated bentonite gel is then poured into the hole to approximately 0.5 fbg. Another 2-inch layer of unhydrated bentonite chips is placed on top of the bentonite gel. The tube is coiled and placed within a wellbox finished flush to the surface. Soil vapor samples will be collected no sooner than one week after installation of the soil-vapor points to allow adequate time for representative soil vapors to accumulate. Soil vapor sample collection will not be scheduled until after a minimum of three consecutive precipitation-free days and irrigation onsite has ceased. Figure B shows the soil vapor sampling apparatus. A measured volume of air will be purged from the tubing using a hand-held purge pump and a tedlar bag. Immediately after purging, soil-vapor samples will be collected over an approximate 30-minute period using 6-liter Summa canisters and capillary air-flow controllers. The soil-vapor points will be preserved until they are no longer needed for risk evaluation purposes. At that time, they will be destroyed by extracting the tubing, hand augering to remove the sand and bentonite, and backfilling the boring with neat cement. The boring will be patched with asphalt or concrete, as appropriate.

Conestoga-Rovers & Associates

Vapor Sample Storage, Handling, and Transport

Samples are stored out of direct sunlight in coolers or boxes and transported under chain-of-custody to a state-certified analytic laboratory.



INRL MGT IR GROUP INFO SD PAVAPOR-POINT.DWG

Schematic Not to Scale

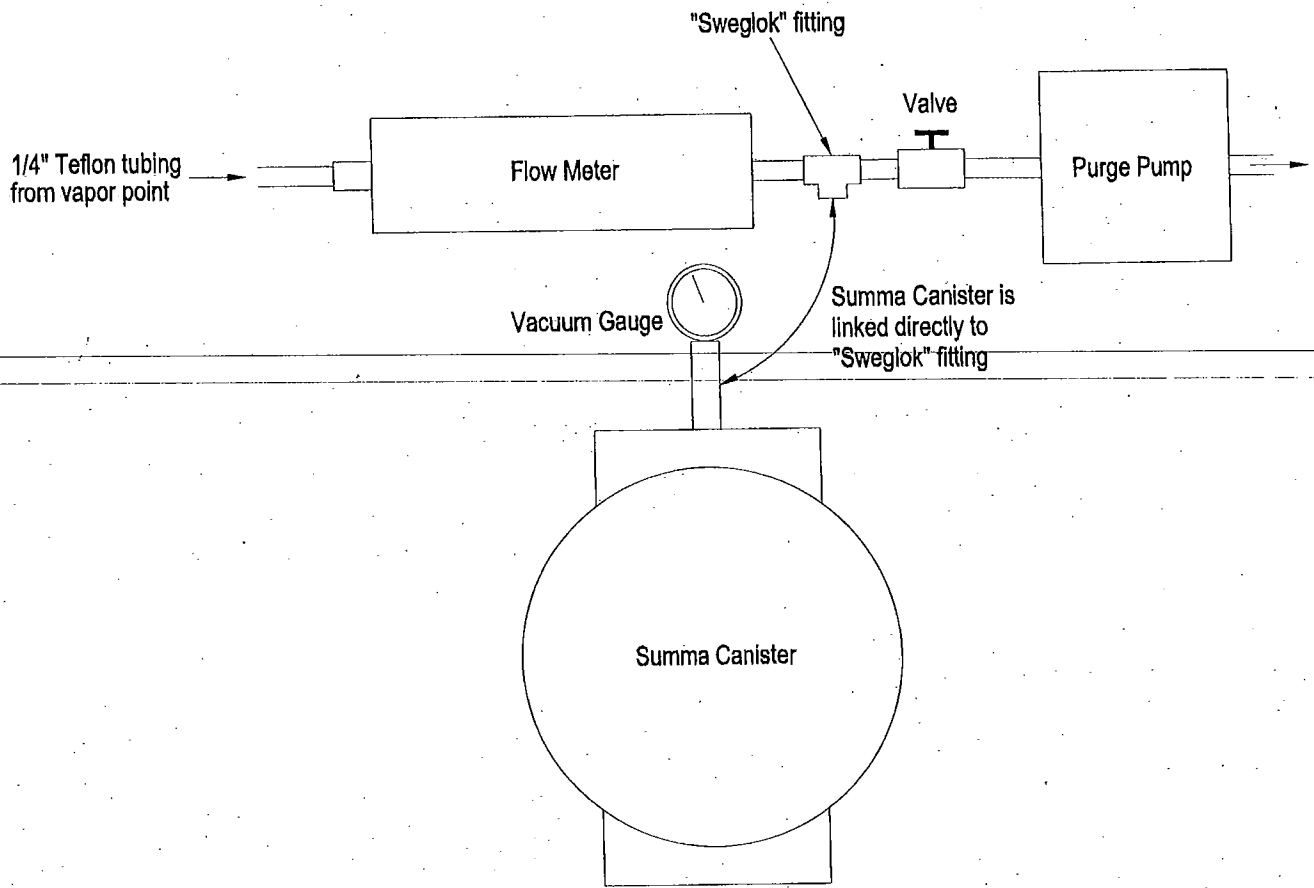
FIGURE

A



**CONESTOGA-ROVERS
& ASSOCIATES**

Soil Vapor Point



S:\0-TEXACO\TEX-SITES\211273\FIGURES\VAPOUR-DIAG.DWG

Schematic Not to Scale

FIGURE

B



**CONESTOGA-ROVERS
& ASSOCIATES**

**Soil Vapor Sampling
Apparatus Diagram**

APPENDIX D

SOIL BORING LOGS



Conestoga-Rovers & Associates, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

SOIL BORING LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-13
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	13-Jul-07
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	16-Jul-07
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C57#802335	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push - dual tube	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	G. Reiss	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	14.61 fbg (16-Jul-07)
REMARKS	No PID readings due to malfunction. Grab qw sample collected on 7/16/07 using disposable bailer. Boring grouted on 7/16/07.		

PID (ppm)	TPHg (mg/kg)	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
						FILL: Clayey SILT with gravel: Dusky brown (5YR 2/2); soft; dry; 30% clay, 60% silt, 10% gravel; non-plastic; moderate estimated permeability.	2.0	
				CL		CLAY with sand: Moderate yellowish brown (10YR 5/4); soft; dry; 90% clay, 10% fine to medium grained sand; medium plasticity; low estimated permeability.	3.0	
				CL		CLAY with sand and gravel: Moderate yellowish brown (10YR 5/4); medium dense; dry; 80% clay, 10% fine to coarse grained sand, 10% gravel; medium plasticity; low estimated permeability.	4.0	
		B-13@ 5'	5	SC		Clayey SAND with gravel: Moderate yellowish brown (10YR 5/4); medium dense; dry; 20% clay, 70% sand, 10% gravel; non-plastic; moderate estimated permeability.	6.0	
				SC		Clayey SAND with gravel and silt: Moderate yellowish brown (10YR 5/4); medium dense; dry; 20% clay, 10% silt, 60% sand, 10% gravel; non-plastic; moderate estimated permeability.	9.0	
		B-13@ 10'	10	CL		Sandy CLAY: Moderate yellowish brown (10YR 5/4); medium dense; dry; 70% clay, 30% sand; low plasticity; low estimated permeability.	11.0	
<1.0		B-13@ 12'	12	SC		Clayey SAND trace gravel: Moderate yellowish brown (10YR 5/4); dense; dry; 30% clay, 65% fine to coarse grained sand, 5% fine gravel; low plasticity; moderate estimated permeability.	14.0	
1.3		B-13@ 14'	14	CL		CLAY with sand: Moderate yellowish brown (10YR 5/4); hard; dry; 90% clay, 10% sand; medium plasticity; low estimated permeability.	16.0	Portland Type I/II
69		B-13@ 16'	16	SC		Clayey SAND: Moderate yellowish brown (10YR 5/4); dense; dry; 45% clay, 55% fine to medium grained sand; low plasticity; low estimated permeability.	20.0	
2.9		B-13@ 20'	20	CL		CLAY with sand: Moderate yellowish brown (10YR 5/4); hard; dry; 90% clay, 10% sand; low plasticity; low estimated permeability.	21.0	
				SC		Clayey SAND with gravel: Moderate yellowish brown (10YR 5/4); very dense; dry; 30% clay, 60% fine to coarse grained sand, 10% fine gravel; low plasticity; moderate estimated permeability.	24.0	
<1.0		B-13@ 24'	24	CL		Sandy CLAY: Moderate yellowish brown (10YR 5/4); very hard; dry; 80% clay, 20% sand; low plasticity; low estimated permeability.	25.0	
				SC		Clayey SAND: Moderate yellowish brown (10YR 5/4); very dense; dry; 30% clay, 70% fine to coarse grained sand; low plasticity; moderate estimated permeability.	28.0	
		B-13@ 28'	28	SC		Clayey SAND trace gravel: Moderate yellowish brown (10YR 5/4); very dense; dry; 30% clay, 65% fine to coarse grained sand, 5% subangular gravel; low plasticity; moderate estimated permeability.	30.0	
		B-13@ 30'	30	SC				Bottom of Boring @ 30 fbg

WELL LOG (PID) \NIR\GOLDEN-1\GINT\GEP-130105.GPJ DEFAULT.GDT 8/28/07



Conestoga-Rovers & Associates, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

SOIL BORING LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-14
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	13-Jul-07
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	16-Jul-07
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C57#802335	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push - dual tube	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	G. Reiss	DEPTH TO WATER (First Encountered)	23.8 fbg (13-Jul-07)
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	14.05 fbg (16-Jul-07)
REMARKS	Grab groundwater sample collected on 7/13/07 using disposable bailer. Boring grouted on 7/16/07.		

PID (ppm)	TPHg (mg/kg)	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				1.0			FILL: Topsoil with gravel: Moderate brown (5YR 3/4); soft; dry; contains roots; non-plastic; moderate estimated permeability.	1.0	
				2.0	CL		Silty CLAY with sand: Moderate brown (5YR 3/4); soft; dry; 50% clay, 40% silt, 10% sand; low plasticity; low estimated permeability.	2.0	
				4.0			Sandy CLAY with gravel: Dark yellowish brown (10YR 5/4); medium stiff; 50% clay, 5% silt, 35% sand, 10% gravel; low plasticity; low estimated permeability.	4.0	
0		B-14@ 5'		5	SC		Clayey SAND with gravel: Dark yellowish brown (10YR 5/4); medium dense; dry; 35% clay, 45% fine to coarse grained sand; 10% gravel; low plasticity; low estimated permeability. @6': Dense.		
0		B-14@ 10'		10					
130	92	B-14@ 12'		12					
300	430	B-14@ 14'		14	CL		Sandy CLAY: Dark yellowish brown (10YR 5/4); hard; dry; 60% clay, 40% sand; low plasticity; low estimated permeability.	13.0	
520	210	B-14@ 16'		16	SC		Clayey SAND with gravel: Dark yellowish brown (10YR 5/4); very dense; dry; 35% clay, 55% sand, 10% gravel; low plasticity; moderate estimated permeability.	16.0	
275	55	B-14@ 18'		18				18.0	
320	69	B-14@ 20'		20	CL		Sandy CLAY: Dark yellowish brown (10YR 5/4); hard; dry; 55% clay, 45% fine to medium grained sand; low plasticity; low estimated permeability.	21.0	
250	15	B-14@ 22'		22				21.0	
40	1.1	B-14@ 24'		24					
6	<1.0	B-14@ 26'		26	SC		Clayey SAND with gravel: Dark yellowish brown (10YR 5/4); very dense; dry; 35% clay, 45% fine to coarse grained sand; 10% fine sub-angular gravel; non-plastic; moderate estimated permeability. @26': low plasticity.		
6		B-14@ 28'		28					
4		B-14@ 30'		30				30.0	
									Bottom of Boring @ 30 fbg

WELL LOG (PID) I:\R\GOLDEN-1\GINT\GEP_130105.GPJ DEFAULT.GDT 8/28/07



Conestoga-Rovers & Associates, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

SOIL BORING LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-15
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	12-Jul-07
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	13-Jul-07
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C57#802335	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push - dual tube	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	G. Reiss	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	No grab groundwater sample collected - dry upon completion and after 24 hours. Boring grouted on 7/13/07.		

PID (ppm)	TPHg (mg/kg)	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							FILL: Silty GRAVEL with sand: Grayish brown (5YR 3/2); dense; dry; 40% silt, 10% sand, 50% gravel including broken glass; non-plastic; high estimated permeability.	3.0	
0		B-15@ 5'		5	SM		Silty SAND with clay: Moderate yellowish brown (10YR 5/4); very dense; dry; 10% clay, 30% silt, 60% fine grained sand; non-plastic; low estimated permeability.	6.0	
0					SM		Silty SAND with clay and gravel: Moderate yellowish brown (10YR 5/4); very dense; dry; 10% clay, 30% silt, 50% fine to coarse grained sand, 10% gravel; non-plastic; low estimated permeability.	9.0	
0 58	34	B-15@ 10'		10	SC		Clayey SAND with silt: Moderate yellowish brown (10YR 5/4); very dense; dry; 40% clay, 10% silt, 50% fine to coarse grained sand; low plasticity; low estimated permeability.	13.0	
360	200	B-15@ 12'					@10': Medium dense.		
186	480	B-15@ 14'		15	SC		Clayey SAND with gravel: Moderate yellowish brown (10YR 5/4); very dense; dry; 40% clay, 50% fine to coarse grained sand, 10% gravel; low plasticity; low estimated permeability. @15': Moist; medium plasticity.	16.5	
							Boring refusal @ 16.5' bgs using limited access Minuteman direct push rig.		Bottom of Boring @ 16.5 fbg

WELL LOG (PID) \\NIR\GOLDEN-1\GINT\GEP 130105.GPJ DEFAULT.GDT 8/28/07



Conestoga-Rovers & Associates, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

SOIL BORING LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-16
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	20-Jul-07
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	23-Jul-07
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C57#802335	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push - dual tube	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	G. Reiss	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	12.50 fbg (23-Jul-07)
REMARKS	Grab groundwater sample collected on 7/23/07 using disposable bailer. Boring grouted on 7/23/07.		

PID (ppm)	TPHg (mg/kg)	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
						FILL: Topsoil:	0.5	
0	<1.0	B-16@ 5'	5	SM		Silty SAND: Moderate yellowish brown (10YR 5/4); medium dense; dry; 40% silt, 60% fine to coarse grained sand; non-plastic; high estimated permeability.	4.0	
				SM		Silty SAND with clay: Moderate yellowish brown (10YR 5/4); medium dense; dry; 10% clay, 25% silt, 60% sand, 5% gravel; non-plastic; high estimated permeability.	8.0	
236	430	B-16@ 10'	10	CL		Silty Sandy CLAY: Moderate yellowish brown (10YR 5/4); medium stiff; dry; 50% clay, 30% silt, 20% fine to medium grained sand; low plasticity; low estimated permeability.	12.0	
192	4300	B-16@ 12'	12	SC		@11': Moist.	14.0	
136	9.9	B-16@ 14'	14	SC		Clayey SAND: Moderate yellowish brown (10YR 5/4); dense; moist; 40% clay, 60% fine to coarse grained sand; low plasticity; low estimated permeability.	16.0	
175	38	B-16@ 16'	16	CL		CLAY with sand and gravel: Moderate yellowish brown (10YR 5/4); hard; dry; 80% clay, 10% sand, 10% gravel; medium plasticity; low estimated permeability.	21.0	
301	350	B-16@ 18'	18	CL		Sandy CLAY: Moderate yellowish brown (10YR 5/4); hard; dry; 60% clay, 40% fine to medium grained sand; low plasticity; low estimated permeability.	24.0	
196	56	B-16@ 20'	20	CL				
0				SC		Clayey SAND: Moderate yellowish brown (10YR 5/4); dense; dry; 30% clay, 70% fine to medium grained sand; non-plastic; moderate estimated permeability.		
0	<1.0	B-16@ 24'	24	SC		@23': medium plasticity.		

WELL LOG (PID) I:\RIGOLDEN-1\GINT\GEP 130105.GPJ DEFAULT.GDT 8/28/07



Conestoga-Rovers & Associates, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

SOIL BORING LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-17
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	20-Jul-07
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	23-Jul-07
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C57#802335	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push - dual tube	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	G. Reiss	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	11.73 fbg (23-Jul-07)
REMARKS	Grab groundwater sample collected on 7/23/07 using disposable bailer. Boring grouted on 7/23/07.		

PID (ppm)	TPHg (mg/kg)	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0	<1.0	B-17@ 5'	0 - 5	ML		FILL: Topsoil: Dusky yellowish brown (10YR 2/2); soft; dry; non-plastic; moderate estimated permeability. Clayey SILT: Grayish black (N2); soft; dry; 30% clay, 70% silt; non-plastic; moderate estimated permeability.	1.0 - 4.0	
0	<1.0	B-17@ 10'	5 - 10	CL		Sandy CLAY: Dark yellowish brown (10 YR 4/2); medium stiff; dry; 65% clay, 30% fine to coarse grained sand; medium plasticity; low estimated permeability.	4.0 - 7.0	
0	<1.0	B-17@ 12'	10 - 12	CL		CLAY with sand: Dark yellowish brown (10 YR 4/2); medium stiff; dry; 90% clay, 10% sand; medium plasticity; low estimated permeability.	7.0 - 13.0	
0	<1.0	B-17@ 14'	12 - 14	SC		Clayey SAND: Dark yellowish brown (10 YR 4/2); medium dense; dry; 30% clay, 70% sand; low plasticity; moderate estimated permeability.	13.0 - 14.0	
0	<1.0	B-17@ 16'	14 - 15	SC		Clayey Gravelly SAND: Dark yellowish brown (10 YR 4/2); medium dense; dry; 20% clay, 60% fine to coarse grained sand; 20% gravel; low plasticity; high estimated permeability.	14.0 - 16.0	
0	<1.0	B-17@ 18'	15 - 18	SC			Clayey SAND: Dark yellowish brown (10 YR 4/2); medium dense; moist; 30% clay, 70% sand; low plasticity; moderate estimated permeability.	
0	<1.0	B-17@ 20'	18 - 20	SC		Sandy CLAY with gravel: Dark yellowish brown (10 YR 4/2); hard; dry; 50% clay, 40% sand; 10% gravel; low plasticity; low estimated permeability.	21.0 - 24.0	
0	<1.0	B-17@ 22'	20 - 22	CL			24.0	
0	<1.0	B-17@ 24'	22 - 24	CL			Bottom of Boring @ 24 fbg	

WELL LOG (PID) I:\IRGOLDEN-1\GINT\GEP 130105.GPJ_DEFAULT.GDT 8/28/07



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-18
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	29-Oct-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	29-Oct-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Direct push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	M. Werner	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft)	WELL DIAGRAM
0		B-18-5	5	CL		FILL: Sandy SILT: Moderate yellowish brown (10YR 5/4); dry; 50% silt, 40% fine to coarse grained sand, 10% gravel up to 1/4" diameter; non-plastic; high estimated permeability.	2.0	
				SM		CLAY with Sand: Moderate yellowish brown (10YR 5/4); dry; 85% clay, 10% fine grained sand, 5% gravel up to 1/4" diameter; high plasticity; low estimated permeability. Silty SAND: Moderate yellowish brown (10YR 5/4); dry; 40% silt, 50% fine to coarse grained sand, 10% gravel up to 1/4" diameter; non-plastic; high estimated permeability.	3.0	
				ML		Sandy SILT with gravel: Moderate yellowish brown (10YR 5/4); dry; 45% silt, 30% fine to medium grained sand, 25% gravel up to 1/2" diameter; non-plastic; high estimated permeability.	5.0	
				GC		Silty GRAVEL with sand: Moderate yellowish brown (10YR 5/4); dry; 20% silt, 30% fine to coarse grained sand, 50% gravel 1/4 to 1/2" diameter; non-plastic; high estimated permeability.	8.0	
2.2		B-18-10	10				11.0	
751		B-18-12		SM		Silty SAND with gravel: Olive gray (5Y 4/1); dry; 35% silt, 50% fine to coarse grained sand, 15% gravel up to 1/4" diameter; low plasticity; high estimated permeability.	15.0	
267		B-18-15	15	CL		CLAY with sand: Moderate brown (5YR 3/4); moist; 55% clay, 20% silt, 20% fine to medium grained sand, 5% gravel up to 1/4" diameter; high plasticity; low estimated permeability.	19.0	
				CL		Sandy CLAY: Moderate brown (5YR 4/4); moist; 40% clay, 10% silt, 40% fine to coarse grained sand, 10% gravel up to 1/4" diameter; medium plasticity; moderate estimated permeability.	22.0	
298		B-18-20	20	CL		CLAY: Moderate brown (5YR 4/4); moist; 80% clay, 20% silt; high plasticity; low estimated permeability. @ 22.5': 50% clay, 10% silt, 10% sand, 30% gravel up to 1/4" diameter; low plasticity; high estimated permeability. @ 23': 50% clay, 20% silt, 30% fine to medium grained sand; medium plasticity; moderate estimated permeability.		
				CL				

WELL LOG (PID) I:\IRIG-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09

Continued Next Page



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-18
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	29-Oct-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	29-Oct-08

Continued from Previous Page

WELL LOG (PID) \\NIR6-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09

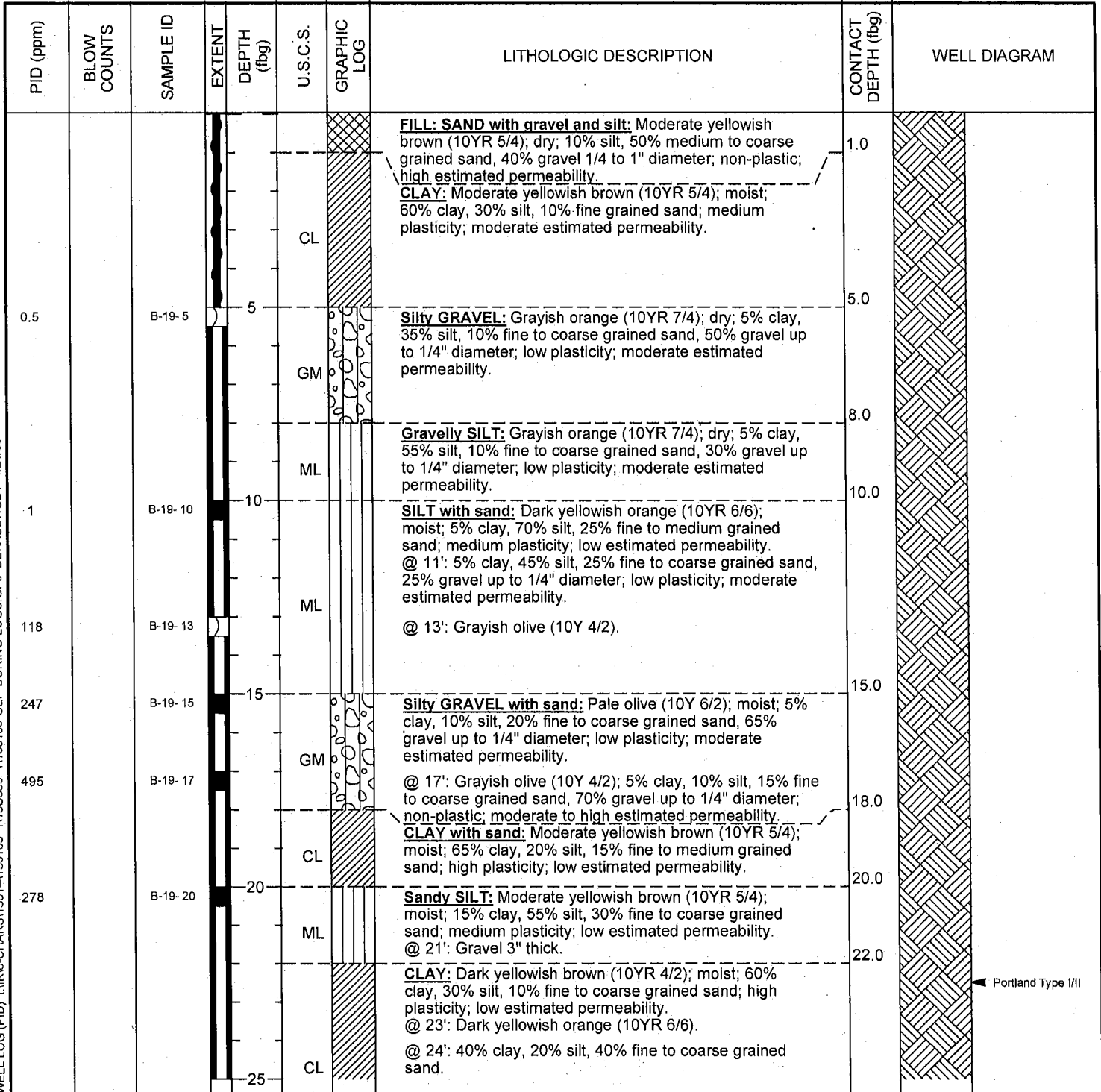
PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.01		B-18-25					@ 24': Moderate yellowish brown (10YR 5/4); 70% clay, 20% silt, 10% fine grained sand; high plasticity; low estimated permeability.	26.5	
		B-18A-30			SM		Silty SAND: Moderate yellowish brown (10YR 5/4); 10% clay, 20% silt, 60% fine to coarse grained sand, 10% gravel up to 1/2" diameter; low plasticity; high estimated permeability.	29.5	
0		B-18-30		30	CL		@ 28.5': Light brown (5YR 5/6); 10% clay, 30% silt, 60% fine to medium grained sand; low plasticity; high estimated permeability. CLAY: Dark yellowish orange (10YR 6/6); moist; 70% clay, 20% silt, 10% fine grained sand; high plasticity; low estimated permeability.	32.0	
0		B-18-35		35	SM		Silty SAND with gravel: Moderate reddish brown (10R 4/6); moist; 20% silt, 50% medium to coarse grained sand, 30% gravel 1/4 to 1/2" diameter; low plasticity; high estimated permeability. @ 34': Light brown (5YR 5/6).	37.5	
0		B-18-40		40	CL		Sandy CLAY: Light brown (5YR 5/6); moist; 50% clay, 20% silt, 30% medium to coarse grained sand; medium plasticity; low estimated permeability. @ 40': Dark yellowish orange (10YR 6/6); 70% clay, 30% silt; medium plasticity; low estimated permeability. @ 41': 45% clay, 20% silt, 30% medium grained sand, 5% gravel up to 1/2" diameter. @ 43': 50% clay, 20% silt, 30% medium grained sand.	44.0	
0		B-18-45		45	SM		Silty SAND with gravel: Dark yellowish orange (10YR 6/6); moist; 10% clay, 25% silt, 50% medium to coarse grained sand, 15% gravel up to 1" diameter; low plasticity; high estimated permeability.	45.0	



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-19
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	29-Oct-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	31-Oct-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Direct push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS			



WELL LOG (PID) \\N16-CHARS1301-130105-113C869-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09

Continued Next Page



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-19
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	29-Oct-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	31-Oct-08

Continued from Previous Page

WELL LOG (PID) I:\R16-CHARS\301-1130105-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0		B-19- 25					@ 25': 60% clay, 25% silt, 15% fine to coarse grained sand.		
					SM		Silty SAND with gravel: Dark yellowish orange (10YR 6/6); moist; 5% clay, 30% silt, 50% fine to coarse grained sand, 15% gravel up to 1/4" diameter; low plasticity; moderate estimated permeability.	27.0	
					ML		Sandy SILT: Dark yellowish orange (10YR 6/6); moist; 55% silt, 40% fine to coarse grained sand, 5% gravel up to 1/4" diameter; medium plasticity; low estimated permeability.	28.0	
1		B-19- 30		30			SAND with Silt: Dark yellowish orange (10YR 6/6); 10% silt, 90% fine to coarse grained sand; non-plastic; high estimated permeability.	30.0	
					SW		@ 31': 10% silt, 75% fine to coarse grained sand, 15% gravel up to 1/4" diameter. @ 32': 5% clay, 10% silt, 70% fine to coarse grained sand, 15% gravel up to 1/4" diameter.		
1		B-19- 35		35			@ 36': 10% clay, 20% silt, 70% fine to coarse grained sand; low plasticity; moderate estimated permeability.		
							CLAY with sand: Dark yellowish orange (10YR 6/6); moist; 60% clay, 15% silt, 25% fine to medium grained sand; high plasticity; low estimated permeability.	38.0	
0		B-19- 40		40			@ 40': 60% clay, 25% silt, 15% fine to medium grained sand.		
					CL				
		B-19- 44.5		45				45.0	Bottom of Boring @ 45 fbg



CRA, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-20
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	30-Oct-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	30-Oct-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Direct push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
						ASPHALT: 6 inches thick	0.5	
						CONCRETE: 6 inches thick	1.0	
						FILL: Sandy SILT: Mottled olive black and light brown (5Y 2/1, 5YR 5/6); moist; 5% clay, 55% silt, 40% fine to coarse grained sand; low plasticity; moderate estimated permeability. @ 2': Moderate yellowish brown (10YR 5/4); 5% clay, 55% silt, 30% fine to coarse grained sand, 10% gravel. @ 3': Cobbles		
		B-20-5	5			@ 5': Dusky yellow green (5GY 5/2); 45% silt, 45% fine to coarse grained sand, 10% gravel up to 1/4" diameter; non-plastic.		
							7.0	
194		B-20-7.5				Sandy SILT: Mottled grayish olive and moderate brown (10Y 4/2, 5YR 3/4); moist; 5% clay, 50% silt, 45% fine to coarse grained sand; low plasticity; moderate estimated permeability.		
207		B-20-9.5	10			@ 9': Mottled dark yellowish orange and grayish olive (10YR 6/6, 10Y 4/2); 5% clay, 50% silt, 40% fine to coarse grained sand, 5% gravel up to 1/4" diameter.		
665		B-20-11				@ 13': Olive gray (5Y3/2); 15% clay, 45% silt, 40% fine to medium grained sand; medium plasticity; low estimated permeability.		
				ML				
214		B-20-15	15			@ 15': Mottled light olive gray and dark yellowish orange (5Y 5/2, 10YR 6/6); 10% clay, 55% silt, 35% fine to coarse grained sand; low plasticity; low estimated permeability. @ 16': Dark yellowish orange (10YR 6/6); 5% clay, 55% silt, 35% fine to coarse grained sand, 5% gravel.		
						@ 18': Light brown (5YR 5/6); 10% clay, 60% silt, 30% fine to medium grained sand.		
90		B-20-19.5	20			@ 19': Mottled grayish olive and light brown (10Y 4/2, 5YR 5/6).		
						@ 20': Moderate brown (5YR 3/4); 20% clay, 60% silt, 20% fine to medium grained sand; medium plasticity; low estimated permeability.		
						@ 21': Grayish olive (10Y 4/2); 5% clay, 60% silt, 30% fine to coarse grained sand, 5% gravel up to 1/4" diameter; low plasticity; moderate estimated permeability.	22.0	
				SM		Silty SAND: Light brown (5YR 5/6); moist; 10% clay, 30% silt, 60% fine to coarse grained sand; low plasticity; moderate estimated permeability.	23.0	
				CL		CLAY: Mottled moderate reddish brown and dark yellowish orange (10R 4/6, 10YR 6/6); moist; 50% clay,	24.0	
3		B-20-24.5	25	ML			25.0	

Continued Next Page

WELL LOG (PID) I:\R16-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-20
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	30-Oct-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	30-Oct-08

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
1		B-20- 29.5	30	CL		45% silt, 5% fine grained sand; high plasticity; low estimated permeability.	26.0	
				SM		SILT with sand: Moderate yellowish brown (10YR 5/4); moist; 5% clay, 75% silt, 20% fine to medium grained sand; medium plasticity; low estimated permeability.	27.0	
				ML		CLAY: Dark yellowish orange (10YR 6/6); moist; 50% clay, 45% silt, 5% fine grained sand; high plasticity; low estimated permeability.	28.0	
				CL		Silty SAND: Dark yellowish orange (10YR 6/6); moist; 20% silt, 75% fine to coarse grained sand, 5% gravel up to 1/4" diameter; non-plastic; high estimated permeability.	29.0	
				SM		Sandy SILT: Dark yellowish orange (10YR 6/6); moist; 55% silt, 45% fine to coarse grained sand; low plasticity; moderate estimated permeability.	31.0	
				ML		CLAY: Dark yellowish orange (10YR 6/6); moist; 80% clay, 10% silt, 5% fine to coarse grained sand, 5% gravel up to 1/4" diameter; high plasticity; low estimated permeability.	34.0	
2		B-20- 35	35	SM		Silty SAND: Dark yellowish orange (10YR 6/6); moist; 20% silt, 75% fine to coarse grained sand, 5% gravel up to 1/4" diameter; non-plastic; high estimated permeability.	35.0	
				ML		Sandy SILT: Dark yellowish orange (10YR 6/6); moist; 5% clay, 55% silt, 40% fine grained sand; low plasticity; low estimated permeability.		
1		B-20- 40	40	ML		Silty SAND: Dark yellowish orange (10YR 6/6); moist; 15% silt, 80% fine to coarse grained sand, 5% gravel; non-plastic; high estimated permeability.		
				SM		Sandy SILT: Dark yellowish orange (10YR 6/6); moist; 15% clay, 55% silt, 30% fine to coarse grained sand; medium plasticity; low estimated permeability.		
						@ 37': 10% clay, 60% silt, 20% fine to coarse grained sand, 10% gravel up to 1/4" diameter; medium plasticity; low estimated permeability.		
						@ 38': 60% silt, 35% fine to coarse grained sand, 5% gravel up to 1/4" diameter; low plasticity; low estimated permeability.		
						@ 40': 5% clay, 50% silt, 35% fine to coarse grained sand, 10% gravel up to 1/4" diameter; low plasticity; moderate estimated permeability.	42.0	
1.5		B-20- 44.5	45	SM		SAND with Silt: Dark yellowish orange (10YR 6/6); moist; 10% silt, 80% fine to coarse grained sand, 10% gravel up to 1/4" diameter; non-plastic; high estimated permeability.		
						@ 44.5': 5% clay, 15% silt, 75% fine to coarse grained sand, 5% gravel up to 1/4" diameter; low plasticity; high estimated permeability.	45.0	
								Bottom of Boring @ 45 fbg

WELL LOG (PID) \\IR16-CHARS1\301-1130105-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-21
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	04-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	04-Nov-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Direct push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Grab groundwater. Sample ID B-21-30		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft)	WELL DIAGRAM
						CONCRETE: 6 inches thick	0.5	
						FILL: Silty SAND: Dusky brown (5YR 2/2); moist; 30% silt, 60% fine to coarse grained sand, 10% gravel up to 1/4" diameter; non-plastic; high estimated permeability.	2.0	
				ML		SILT with sand: Moderate brown (5YR 4/4); moist; 75% silt, 25% fine grained sand; non-plastic; high estimated permeability. @ 4': 55% silt, 35% fine to medium grained sand, 10% gravel up to 1/4" diameter.	5.0	
				SM		Silty SAND with gravel: Dark yellowish orange (10YR 6/6); dry; 30% silt, 40% fine to medium grained sand, 30% gravel up to 1/4" diameter; non-plastic; high estimated permeability.	6.0	
0		B-21-10	10			Sandy SILT: Grayish olive (10Y 4/2); moist; 5% clay, 60% silt, 35% fine to coarse grained sand; low plasticity; moderate estimated permeability.	10.0	
0		B-21-12				@ 12': Mottled grayish olive and moderate yellowish brown (10Y 4/2, 10YR 5/4); 10% clay, 70% silt, 20% fine to medium grained sand.		
0.2		B-21-15	15	ML		@ 15': Light brown (5YR 5/6); 20% clay, 65% silt, 15% fine to coarse grained sand; medium plasticity; low estimated permeability. @ 17': 20% clay, 60% silt, 15% fine to coarse grained sand, 5% gravel.	18.0	
				SM		Silty SAND: Light brown (5YR 5/6); moist; 5% clay, 45% silt, 50% fine to coarse grained sand; low plasticity; moderate estimated permeability.	20.0	
0		B-21-20	20	ML		SILT with sand: Light brown (5YR 5/6); moist; 10% clay, 75% silt, 15% fine to coarse grained sand; low plasticity; moderate estimated permeability.	22.0	
				CL		CLAY: Light brown (5YR 5/6); moist; 50% clay, 40% silt, 10% fine grained sand; medium plasticity; low estimated permeability.	25.0	

WELL LOG (PID) \NIR6-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09

Continued Next Page



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-21
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	04-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	04-Nov-08

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0		B-21-25					@ 26': 55% clay, 10% silt, 35% fine to coarse grained sand; low plasticity; moderate estimated permeability.	27.0	
					SM	Clayey SAND: Light brown (5YR 5/6); moist; 35% clay, 15% silt, 50% fine to coarse grained sand; low plasticity; high estimated permeability.	28.0		
0.2		B-21-29.5		30	ML	SILT with sand: Mottled pale yellowish brown and moderate yellowish brown (10YR 6/2, 10YR 5/4); moist; 5% clay, 70% silt, 25% fine grained sand; low plasticity; low estimated permeability.	30.0		
									Bottom of Boring @ 30 fbg

WELL LOG (PID) I:\R16-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-22
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	03-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	03-Nov-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Direct push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Grab groundwater. Sample ID B-22-30		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fsg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fsg)	WELL DIAGRAM
						ASPHALT: 6 inches thick	0.5	
				CL		CLAY with sand: Grayish brown (5YR 3/2); moist; 45% clay, 30% silt, 25% fine to medium grained sand; high plasticity; low estimated permeability. @ 2': Moderate yellowish brown (10YR 5/4); 50% clay, 30% silt, 20% fine to medium grained sand. @ 4': 45% clay, 35% silt, 20% fine to medium grained sand.	5.0	
0.1		B-22-5	5	ML		SILT with sand: Dark yellowish orange (10YR 6/6); moist; 25% clay, 55% silt, 20% fine to coarse grained sand; medium plasticity; low estimated permeability. @ 6': Moderate yellowish brown (10YR 5/4). @ 8': Wet; 5% clay, 75% silt, 20% fine to medium grained sand; medium plasticity; moderate estimated permeability.	12.0	
0.2		B-22-10	10			@ 10': Mottled dark yellowish orange and moderate yellowish brown (10YR 6/6, 10YR 5/4); moist; 35% clay, 40% silt, 25% fine to coarse grained sand; high plasticity; low estimated permeability.		
				CL		CLAY with sand: Mottled dark yellowish orange and moderate yellowish brown (10YR 6/6, 10YR 5/4); moist; 50% clay, 30% silt, 20% fine to medium grained sand; high plasticity; low estimated permeability.	17.0	
0.2		B-22-15	15	ML		Sandy SILT: Mottled dark yellowish orange and moderate yellowish brown (10YR 6/6, 10YR 5/4); moist; 30% clay, 40% silt, 30% fine to coarse grained sand; medium plasticity; moderate estimated permeability.	18.0	
				CL		Sandy CLAY: Mottled dark yellowish orange and moderate yellowish brown (10YR 6/6, 10YR 5/4); moist; 40% clay, 30% silt, 20% fine to coarse grained sand, 10% gravel; high plasticity; low estimated permeability.	20.0	
0.3		B-22-20	20	ML		@ 19': Dark yellowish orange (10YR 6/6); 60% clay, 25% silt, 15% fine to medium grained sand.	22.0	
				SM		Sandy SILT: Dark yellowish orange (10YR 6/6); moist; 30% clay, 40% silt, 20% fine to coarse grained sand; 10% gravel up to 1/2" diameter; medium plasticity; low estimated permeability.	25.0	
						Silty SAND: Dark yellowish orange (10YR 6/6); moist; 10% clay, 30% silt, 50% fine to coarse grained sand; 10% gravel up to 1/4" diameter; non-plastic; high estimated permeability.		

WELL LOG (PID) \VR16-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09

Continued Next Page

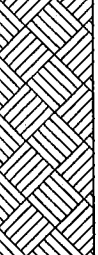


CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-22
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	03-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	03-Nov-08

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.2		B-22- 25				<p>SILT with sand: Dark yellowish orange (10YR 6/6); moist; 15% clay, 65% silt, 20% fine to medium grained sand; low plasticity; low estimated permeability.</p> <p>@ 27': 10% clay, 70% silt, 20% fine to medium grained sand.</p>		
0.1		B-22- 29.5	30	ML		<p>@ 29': 5% clay, 55% silt, 30% fine to medium grained sand, 10% gravel up to 1/4" diameter; medium plasticity; low estimated permeability.</p>	30.0	
								Bottom of Boring @ 30 fbg

WELL LOG (PID) [MIR6-CHARS]:301-1130105-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-23
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	03-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	03-Nov-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Direct push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Grab groundwater. Sample ID B-23-30		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (ftg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ftg)	WELL DIAGRAM
						CONCRETE: 4 inches thick	0.5	
				ML		SILT with sand: Dusky brown (5YR 2/2); moist; 30% clay, 50% silt, 20% fine to medium grained sand; medium plasticity; moderate estimated permeability.	3.0	
				CL		CLAY: Moderate yellowish brown (10YR 5/4); moist; 60% clay, 35% silt, 5% fine grained sand; high plasticity; low estimated permeability.	4.0	
0.2		B-23-5	5			SILT with sand: Moderate yellowish brown (10YR 5/4); moist; 5% clay, 80% silt, 15% fine to coarse grained sand; medium plasticity; moderate estimated permeability.		
				ML		@ 10': 5% clay, 70% silt, 25% fine to coarse grained sand; low plasticity; moderate estimated permeability.		
		B-23-10	10					
				SM		Silty SAND: Dark yellowish orange (10YR 6/6); moist; 25% silt, 70% fine to coarse grained sand, 5% gravel up to 1/4" diameter; non-plastic; high estimated permeability.	15.0	
0.1		B-23-15	15			Sandy SILT: Dark yellowish orange (10YR 6/6); moist; 70% silt, 30% fine to medium grained sand; low plasticity; moderate estimated permeability.	17.0	
				ML		@ 20': 5% clay, 80% silt, 15% fine to coarse grained sand.		
0		B-23-20	20			@ 22': Light brown (5YR 5/6); 10% clay, 55% silt, 30% fine to medium grained sand, 5% gravel up to 1/4" diameter; medium plasticity; low estimated permeability.		
				SM		Silty SAND: Dark yellowish orange (10YR 6/6); moist; 10% clay, 40% silt, 50% fine to coarse grained sand; low	24.0	
							25.0	

WELL LOG (PID) \\HR6-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 12/1/09

Continued Next Page



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-23
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	03-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	03-Nov-08

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.5		B-23- 25			ML		plasticity; moderate estimated permeability. SILT with sand: Dark yellowish orange (10YR 6/6); moist; 20% clay, 55% silt, 25% fine to coarse grained sand; medium plasticity; low estimated permeability.	26.0	
					SM		Silty SAND: Dark yellowish orange (10YR 6/6); moist; 5% clay, 20% silt, 70% fine to coarse grained sand, 5% gravel up to 1/4" diameter; non-plastic; high estimated permeability.	28.0	
0.6		B-23- 29.5		30	ML		Sandy SILT: Dark yellowish orange (10YR 6/6); moist; 20% clay, 50% silt, 30% fine to coarse grained sand; medium plasticity; low estimated permeability. @ 29': 5% clay, 80% silt, 15% fine to medium grained sand.	30.0	
									Bottom of Boring @ 30 fbg

WELL LOG (PID) \\VR6-CHARSV301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-24
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	06-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	07-Nov-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Direct push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Grab groundwater. Sample ID B-24-30		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft)	WELL DIAGRAM
		B-24-5.5	5	ML		<p>SILT: Dusky brown (5YR 2/2); moist; 30% clay, 65% silt, 5% fine grained sand; medium plasticity; moderate estimated permeability.</p> <p>@ 3': Moderate yellowish brown (10YR 5/4); 10% clay, 70% silt, 20% fine grained sand; low plasticity; moderate estimated permeability.</p>	8.0	
0		B-24-10	10	SM		<p>Silty SAND: Dark yellowish orange (10YR 6/6); moist; 10% clay, 30% silt, 50% fine to coarse grained sand, 10% gravel; low plasticity; high estimated permeability.</p>	15.0	
0		B-24-15	15	ML		<p>SILT: Dark yellowish orange (10YR 6/6); moist; 30% clay, 60% silt, 10% fine grained sand; medium plasticity; low estimated permeability.</p> <p>@ 17': 10% clay, 65% silt, 25% fine to medium grained sand.</p> <p>@ 18': Moderate yellowish brown (10YR 5/4); 30% clay, 45% silt, 25% fine to medium grained sand; high plasticity; low estimated permeability.</p>	20.0	
0		B-24-20	20	SM		<p>Silty SAND: Light brown (5YR 5/6); moist; 10% clay, 30% silt, 60% fine to coarse grained sand; low plasticity; high estimated permeability.</p>	22.0	
			25			<p>SILT with sand: Dark yellowish orange (10YR 6/6); moist; 20% clay, 60% silt, 20% fine to medium grained sand; low plasticity; moderate estimated permeability.</p> <p>@ 23': 15% clay, 65% silt, 20% fine to medium grained sand.</p>		

← Portland Type I/II

WELL LOG (PID) I:\IRIG-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09

Continued Next Page

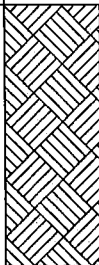


CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-24
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	06-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	07-Nov-08

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.2		B-24- 25			ML		@ 25': 40% clay, 45% silt, 15% fine grained sand; high plasticity; low estimated permeability.		 <p>Bottom of Boring @ 30 fbg</p>
0.3		B-24- 29.5		30			@ 29': 10% clay, 50% silt, 40% fine to coarse grained sand; low plasticity; moderate estimated permeability.	30.0	

WELL LOG (PID) I:\R16-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-25
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	06-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	07-Nov-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Direct push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Grab groundwater. Sample ID B-25-30		

WELL LOG (PID) \IRIG-CHARSY301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (ftg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ftg)	WELL DIAGRAM
						CONCRETE: 6 inches thick	0.5	
		B-25-5	5	ML		@ 5': Moderate yellowish brown (10YR 5/4); 60% silt, 35% fine to medium grained sand, 5% gravel.		
		B-25-10	10			@ 8': Dark yellowish orange (10YR 6/6); moist; 30% clay, 40% silt, 30% fine to coarse grained sand; medium plasticity; low estimated permeability. @ 10': 20% clay, 45% silt, 30% fine to coarse grained sand, 5% gravel up to 1/4" diameter. @ 11': 10% clay, 70% silt, 20% fine grained sand; medium plasticity; moderate estimated permeability.		
0.3							13.0	
		B-25-15	15	SM		Silty SAND with gravel: Dark yellowish orange (10YR 6/6); moist; 5% clay, 25% silt, 50% fine to coarse grained sand, 20% gravel up to 1/4" diameter; non-plastic; high estimated permeability. @ 15': Wet; 5% clay, 30% silt, 65% fine to coarse grained sand; low estimated plasticity; moderate estimated permeability.	16.0	
0						Sandy SILT: Moderate yellowish brown (10YR 5/4); wet; 55% silt, 45% fine to coarse grained sand; low plasticity; moderate estimated permeability.		
						@ 19': Moist; 5% clay, 80% silt, 15% fine grained sand; medium plasticity; low estimated permeability.		
		B-25-22	22	ML		@ 22': 10% clay, 45% silt, 35% fine to coarse grained sand, 10% gravel up to 1/4" diameter; low plasticity; moderate estimated permeability.		
0.2								
			25					

← Portland Type III

Continued Next Page



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-25
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	06-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	07-Nov-08

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.6		B-25- 25					<p>@ 25': Dark yellowish orange (10YR 6/6); 10% clay, 50% silt, 40% fine to coarse grained sand.</p> <p>@ 27': 15% clay, 55% silt, 30% fine to coarse grained sand; medium plasticity; low estimated permeability.</p> <p>@ 29': 10% clay, 55% silt, 35% fine to coarse grained sand.</p>		
0.2		B-25- 29.5		30				30.0	Bottom of Boring @ 30 fbg

WELL LOG (PID) I:\R16-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-26
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	05-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	06-Nov-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Direct push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Grab groundwater. Sample ID B-26-30		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft)	WELL DIAGRAM
							CONCRETE: 6 inches thick	0.5	
					ML		Sandy SILT: Grayish brown (5YR 3/2); 5% clay, 60% silt, 35% fine to medium grained sand; low plasticity; moderate estimated permeability.	2.0	
					CL		CLAY: Moderate yellowish brown (10YR 5/4); 50% clay, 40% silt, 10% fine grained sand; high plasticity; low estimated permeability.	4.0	
		B-26-5		5	ML		Sandy SILT: Dark yellowish orange (10YR 6/6); 55% silt, 40% fine to coarse grained sand, 5% gravel up to 1/4" diameter; non-plastic; high estimated permeability.	7.0	
					GM		Silty GRAVEL with sand: Dark yellowish orange (10YR 6/6); dry; 15% silt, 40% fine to coarse grained sand, 45% gravel up to 1/4" diameter; non-plastic; high estimated permeability.	9.0	
		B-26-10		10	SM		Silty SAND with gravel: Dark yellowish orange (10YR 6/6); moist; 30% silt, 50% fine to medium grained sand, 20% gravel; low plasticity; high estimated permeability.	15.0	
					SM		@ 11': Mottled dark yellowish orange and pale yellowish brown (10YR 6/6, 10YR 6/2).		
					SM		@ 13': Dark yellowish orange (10YR 6/6); 5% clay, 35% silt, 50% fine to coarse grained sand, 10% gravel up to 1/4" diameter.		
0.3		B-26-15		15	ML		Sandy SILT: Dark yellowish orange (10YR 6/6); moist; 10% clay, 50% silt, 40% fine to coarse grained sand; low plasticity; moderate estimated permeability. @ 16': 20% clay, 55% silt, 25% fine to medium grained sand; moderate plasticity; low estimated permeability.	18.0	
					SM		Silty SAND: Dark yellowish orange (10YR 6/6); moist; 5% clay, 25% silt, 60% fine to coarse grained sand, 10% gravel up to 1/4" diameter; low plasticity; high estimated permeability.	19.0	
0.3		B-26-20		20	ML		Sandy SILT: Dark yellowish orange (10YR 6/6); moist; 20% clay, 50% silt, 30% fine to coarse grained sand; low plasticity; moderate estimated permeability. @ 20': 15% clay, 60% silt, 25% fine to coarse grained sand; medium plasticity; low estimated permeability. @ 21': Mottled dark yellowish orange and pale yellowish brown (10YR 6/6, 10YR 6/2); 10% clay, 85% silt, 5% fine grained sand. @ 22': Dark yellowish orange (10YR 6/6); 15% clay, 45% silt, 40% fine to coarse grained sand; low plasticity; moderate estimated permeability.		

WELL LOG (PID) I:\RIB-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09

Continued Next Page

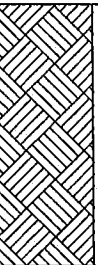


CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	<u>Golden Empire Properties</u>	BORING/WELL NAME	<u>B-26</u>
JOB/SITE NAME	<u>GEP - Oakland</u>	DRILLING STARTED	<u>05-Nov-08</u>
LOCATION	<u>3055 35th Avenue, Oakland, CA</u>	DRILLING COMPLETED	<u>06-Nov-08</u>

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.5		B-26-25				@ 24': 5% clay, 65% silt, 30% fine to coarse grained sand. @ 25': 30% clay, 40% silt, 25% fine to coarse grained sand, 5% gravel up to 1/4" diameter; high plasticity; low estimated permeability. @ 26': 35% clay, 40% silt, 25% fine to coarse grained sand. @ 27': 15% clay, 45% silt, 40% fine to coarse grained sand; low plasticity; moderate estimated permeability.		
0.7		B-26-29.5	30			@ 29': 15% clay, 55% silt, 30% fine to coarse grained sand; medium plasticity; moderate estimated permeability.	30.0	
								Bottom of Boring @ 30 fbg

WELL LOG (PID) [NIR]6-CHARS[1301-1130705-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09]



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-27
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	05-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	06-Nov-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Direct push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Grab groundwater. Sample ID B-27-30		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (ftg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ftg)	WELL DIAGRAM
						CONCRETE: 6 inches thick	0.5	
				ML		SILT with sand: Grayish brown (5YR 3/2); 5% clay, 80% silt, 15% fine to medium grained sand; low plasticity; moderate estimated permeability. @ 1': Light brown (5YR 5/6); 20% clay, 70% silt, 10% fine to medium grained sand; medium plasticity; low estimated permeability.	3.0	
				CL		CLAY: Moderate yellowish brown (10YR 5/4); 50% clay, 40% silt, 10% fine to medium grained sand; high plasticity; low estimated permeability.	4.0	
			5	ML		Sandy SILT: Dark yellowish orange (10YR 6/6); 60% silt, 40% fine to medium grained sand; non-plastic; high estimated permeability.	8.0	
						Silty SAND: Dark yellowish orange (10YR 6/6); wet; 10% clay, 30% silt, 60% fine to coarse grained sand; low plasticity; high estimated permeability.		
0.2		B-27-10	10	SM		@ 11': 15% clay, 35% silt, 50% sand; low plasticity; moderate estimated permeability.	13.0	
						CLAY with sand: Dark yellowish orange (10YR 6/6); wet; 50% clay, 35% silt, 15% fine to medium grained sand; high plasticity; low estimated permeability.		
0.5		B-27-15	15	CL			17.0	
				ML		Sandy SILT: Dark yellowish orange (10YR 6/6); moist; 20% clay, 45% silt, 35% sand; low plasticity; moderate estimated permeability.	18.0	
				CL		CLAY with sand: Mottled dark yellowish orange and yellowish gray (10YR 6/6, 5Y 7/2); moist; 50% clay, 30% silt, 20% fine grained sand; high plasticity; low estimated permeability.	20.0	
0.6		B-27-20	20	SM		Silty SAND: Dark yellowish orange (10YR 6/6); moist; 15% clay, 35% silt, 50% fine to coarse grained sand; low plasticity; moderate estimated permeability.	21.0	
						Sandy CLAY: Dark yellowish orange (10YR 6/6); moist; 50% clay, 20% silt, 30% fine to coarse grained sand; high plasticity; low estimated permeability. @ 22': Wet; 60% clay, 35% silt, 5% fine grained sand.		
				CL		@ 24': Moist; 50% clay, 30% silt, 20% fine to coarse grained sand.		

WELL LOG (PID) \\NRS6-CHARS1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09

Continued Next Page



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-27
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	05-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	06-Nov-08

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.7		B-27- 25						26.0	
					SM		<p>Silty SAND: Dark yellowish orange (10YR 6/6); wet; 15% clay, 25% silt, 60% fine to coarse grained sand; non-plastic; <u>high estimated permeability.</u></p>	27.0	
					CL		<p>CLAY with sand: Dark yellowish orange (10YR 6/6); 50% clay, 25% silt, 25% fine to coarse grained sand; high plasticity; low estimated permeability.</p>		
0.4		B-27- 29.5		30				30.0	Bottom of Boring @ 30 fbg

WELL LOG (PID) I:\MR6-CHARS\1301-1130105-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-28
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	04-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	06-Nov-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Direct push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5-inches	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Grab groundwater. Sample ID B-28-30		

WELL LOG (PID) \\\IR16-CHARS\1301-1\130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
		B-28-5	5	CL		<p>CLAY: Mottled light brown and dark yellowish brown (5YR 5/6, 10YR 4/2); moist; 50% clay, 40% silt, 10% fine grained sand; medium plasticity; low estimated permeability.</p> <p>@ 2': Moderate yellowish brown (10YR 5/4); 60% clay, 30% silt, 10% fine grained sand; high plasticity; low estimated permeability.</p>	6.0	
				ML		<p>Sandy SILT: Moderate yellowish brown (10YR 5/4); moist; 10% clay, 50% silt, 40% fine to medium grained sand; low plasticity; moderate estimated permeability.</p>	8.0	
0.6		B-28-10	10	CL		<p>CLAY: Mottled dark yellowish orange and pale yellowish brown (10YR 6/6, 10YR 6/2); 50% clay, 40% silt, 10% fine grained sand; high plasticity; low estimated permeability.</p>	13.0	
0.7		B-28-15	15	ML		<p>SILT with sand: Dark yellowish orange (10YR 6/6); moist; 30% clay, 50% silt, 20% fine to coarse grained sand; medium plasticity; low estimated permeability.</p> <p>@ 15': 15% clay, 45% silt, 40% fine to coarse grained sand; low plasticity; moderate estimated permeability.</p> <p>@ 16': 30% clay, 50% silt, 20% fine to coarse grained sand; medium plasticity; low estimated permeability.</p>	18.0	
				CL		<p>CLAY with sand: Dark yellowish orange (10YR 6/6); moist; 40% clay, 35% silt, 25% fine to coarse grained sand; high plasticity; low estimated permeability.</p>	20.0	
0.5		B-28-20	20	SM		<p>Silty SAND with gravel: Dark yellowish orange (10YR 6/6); moist; 5% clay, 20% silt, 60% sand; 15% gravel up to 1/4" diameter; non-plastic; high estimated permeability.</p>	22.0	
				ML		<p>SILT with sand: Dark yellowish orange (10YR 6/6); moist; 30% clay, 50% silt, 20% fine to coarse grained sand; medium plasticity; low estimated permeability.</p>	23.0	
				CL		<p>CLAY: Dark yellowish orange (10YR 6/6); moist; 60% clay, 35% silt, 5% fine grained sand; high plasticity; low estimated permeability.</p>	24.0	
				ML			25.0	

← Portland Type III

Continued Next Page



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	B-28
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	04-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	06-Nov-08

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft)	WELL DIAGRAM
1		B-28- 25			CL		Sandy SILT: Dark yellowish orange (10YR 6/6); moist; 15% clay, 45% silt, 40% fine to coarse grained sand; low plasticity; moderate estimated permeability.	26.0	
					ML		CLAY with sand: Dark yellowish orange (10YR 6/6); moist; 45% clay, 30% silt, 25% fine to coarse grained sand; low plasticity; moderate estimated permeability.	27.0	
					SM		SILT: Mottled dark yellowish orange and moderate yellowish brown (10YR 6/6, 10YR 5/4); moist; 30% clay, 65% silt, 5% fine grained sand; medium plasticity; low estimated permeability.	28.0	
					ML		Silty SAND: Dark yellowish orange (10YR 6/6); moist; 5% clay, 20% silt, 75% fine to coarse grained sand; low plasticity; high estimated permeability.	29.0	
0.7		B-28- 29.5		30	SM		SILT: Mottled dark yellowish orange and moderate yellowish brown (10YR 6/6, 10YR 5/4); moist; 25% clay, 70% silt, 5% fine grained sand; low plasticity; low estimated permeability.	30.0	
							Silty SAND: Dark yellowish orange (10YR 6/6); moist; 10% clay, 35% silt, 50% fine to coarse grained sand, 5% gravel up to 1/4" diameter; low plasticity; high estimated permeability.		Bottom of Boring @ 30 fbg

WELL LOG (PID) \NIR6-CHARS\301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	SV-7
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	04-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	04-Nov-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.5-inches	SCREENED INTERVALS	4.85 to 5.15 fbg
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Soil vapor well		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE: 6 inches thick	0.5	<p>Portland Type I/II Bentonite Seal Monterey Sand #2/12 Stainless steel probe - 3" screen Bottom of Boring @ 5.5 fbg</p>
							FILL: Silty SAND: Dusky brown (5YR 2/2); moist; 30% silt, 60% fine to coarse grained sand; 10% gravel up to 1/4" diameter; non-plastic; high estimated permeability.	2.0	
				5	ML		SILT with sand: Moderate brown (5YR 4/4); moist; 75% silt, 25% fine grained sand; non-plastic; high estimated permeability. @ 4': 55% silt, 35% fine to medium grained sand, 10% gravel up to 1/4" diameter.	5.5	

WELL LOG (PID) I:\R16-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	SV-8
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	31-Oct-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	31-Oct-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.5-inches	SCREENED INTERVALS	4.85 to 5.15 fbg
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Soil vapor well		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5	ML		<p>SILT: Dusky yellowish brown (10YR 2/2); 10% clay, 80% silt, 10% gravel; low plasticity; moderate estimated permeability.</p> <p>@ 1': 10% clay, 90% sand.</p> <p>@ 2': Dark yellowish orange (10YR 6/6); 5% clay, 75% silt, 20% fine to medium grained sand.</p>	5.8	<p>Bottom of Boring @ 5.8 fbg</p>

WELL LOG (PID) \\NRI6-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	SV-9
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	29-Oct-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	29-Oct-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.5-inches	SCREENED INTERVALS	4.85 to 5.15 fbg
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Soil vapor well		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5	ML		<p>Sandy SILT: Dark yellowish brown (10YR 4/2); dry; 60% silt, 40% fine to medium grained sand; low plasticity; moderate estimated permeability.</p> <p>@ 2': Moderate yellowish brown (10YR 5/4); moist; 5% clay, 75% silt, 20% fine to medium grained sand.</p> <p>@ 3': 60% silt, 25% fine to coarse grained sand, 15% gravel up to 1/2" diameter.</p> <p>@ 4': 5% clay, 55% silt, 25% fine to coarse grained sand, 15% gravel up to 1/4" diameter.</p>	5.5	<p>Portland Type I/II</p> <p>Bentonite Seal</p> <p>Monterey Sand #2/12</p> <p>Stainless steel probe - 3" screen</p> <p>Bottom of Boring @ 5.5 fbg</p>

WELL LOG (PID) \\IR16-CHARS\1301-1\130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	SV-10
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	06-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	06-Nov-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.5-inches	SCREENED INTERVALS	4.85 to 5.15 fbg
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Soil vapor well		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE: 4 inches thick	0.5	<p>Portland Type I/II Bentonite Seal Monterey Sand #2/12 Stainless steel probe - 3" screen Bottom of Boring @ 6 fbg</p>
					ML		SILT with sand: Dusky brown (5YR 2/2); moist; 30% clay, 50% silt, 20% fine to medium grained sand; medium plasticity; moderate estimated permeability.		
					CL		CLAY: Moderate yellowish brown (10YR 5/4); moist; 60% clay, 35% silt, 5% fine grained sand; high plasticity; low estimated permeability.	3.0	
				5	ML		SILT with sand: Moderate yellowish brown (10YR 5/4); moist; 5% clay, 80% silt, 15% fine to coarse grained sand; medium plasticity; moderate estimated permeability.	4.0	
								6.0	

WELL LOG (PID) \\NIR6-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/08



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	SV-11
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	29-Oct-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	29-Oct-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.5-inches	SCREENED INTERVALS	4.85 to 5.15 fbg
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Soil vapor well		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5	ML		<p>SILT: Very dark brown (10YR 2/2); moist; 30% clay, 60% silt, 10% fine grained sand; medium plasticity; low estimated permeability.</p> <p>@ 2': Dark grayish brown (10YR 4/2); 80% silt, 15% fine to medium grained sand, 5% gravel up to 1/4" diameter; low plasticity; moderate estimated permeability.</p> <p>@ 4': 5% clay, 85% silt, 10% fine to medium grained sand.</p>	6.0	<p>Portland Type I/II</p> <p>Bentonite Seal</p> <p>Monterey Sand #2/12</p> <p>Stainless steel probe - 3" screen</p> <p>Bottom of Boring @ 6 fbg</p>

WELL LOG (PID) \\\IRIB-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	SV-12
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	29-Oct-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	29-Oct-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.5-inches	SCREENED INTERVALS	4.85 to 5.15 fbg
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Soil vapor well		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							<p>CONCRETE: 6 inches thick</p> <p>FILL: Sandy SILT: Dark grayish brown (10YR 4/2); dry; 5% clay, 60% silt, 35% fine to medium grained sand; low plasticity; moderate estimated permeability; trace amount of brick fragments.</p> <p>@ 4': Yellowish brown (10YR 5/4); 60% silt, 35% fine to medium grained sand, 5% gravel.</p>	0.5	<p>Portland Type I/II</p> <p>Bentonite Seal</p> <p>Monterey Sand #2/12</p> <p>Stainless steel probe - 3" screen</p> <p>Bottom of Boring @ 6 fbg</p>
				5	ML			6.0	

WELL LOG (PID) \\NIR6-CHARSY\301-1130105-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 12/1/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	SV-13
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	05-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	05-Nov-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.5-inches	SCREENED INTERVALS	4.85 to 5.15 fbg
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Soil vapor well		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE: 6 inches thick	0.5	<p>Portland Type I/II</p> <p>Bentonite Seal</p> <p>Monterey Sand #2/12</p> <p>Stainless steel probe - 3" screen</p> <p>Bottom of Boring @ 6 fbg</p>
					ML		Sandy SILT: Grayish brown (5YR 3/2); 5% clay, 40% silt, 35% fine to medium grained sand; low plasticity; moderate estimated permeability.	2.0	
					CL		CLAY: Moderate yellowish brown (10YR 5/4); 50% clay, 40% silt, 10% fine grained sand; high plasticity; low estimated permeability.	4.0	
				5	ML		Sandy SILT: Dark yellowish orange (10YR 6/6); 55% silt, 40% fine to coarse grained sand, 5% gravel up to 1/4" diameter; non-plastic; high estimated permeability.	6.0	

WELL LOG (PID) \\IR16-CHARS\1301-1130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09



CRA, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Golden Empire Properties	BORING/WELL NAME	SV-14
JOB/SITE NAME	GEP - Oakland	DRILLING STARTED	04-Nov-08
LOCATION	3055 35th Avenue, Oakland, CA	DRILLING COMPLETED	04-Nov-08
PROJECT NUMBER	130105	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C-57, #802335	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.5-inches	SCREENED INTERVALS	4.85 to 5.15 fbg
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	M. Jonas, PG# 6392	DEPTH TO WATER (Static)	NA
REMARKS	Soil vapor well		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5	CL		<p>CLAY: Mottled light brown and dark yellowish brown (5YR 5/6, 10YR 4/2); moist; 50% clay, 40% silt, 10% fine grained sand; medium plasticity; low estimated permeability.</p> <p>@ 2': Moderate yellowish brown (10YR 5/4); 60% clay, 30% silt, 10% fine grained sand; high plasticity; low estimated permeability.</p>	6.0	<p>Portland Type I/II Bentonite Seal Monterey Sand #2/12 Stainless steel probe - 3" screen</p> <p>Bottom of Boring @ 6 fbg</p>

WELL LOG (PID) \\NIR6-CHARS\1301-130105-GEP-BORING-LOGS.GPJ DEFAULT.GDT 1/21/09

APPENDIX E

DWR WELL COMPETITION REPORTS

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

**STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)**

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

APPENDIX F

ANALYTICAL RESULTS FOR SOIL AND GROUNDWATER



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/13/07-07/16/07
		Date Received: 07/17/07
	Client Contact: Glenn Reiss	Date Reported: 07/23/07
	Client P.O.:	Date Completed: 07/23/07

WorkOrder: 0707328

July 23, 2007

Dear Glenn:

Enclosed are:

- 1). the results of 2 analyzed samples from your **#130105-384; Golden Empire Properties project**,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

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

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

CEFE 0101308

Groundwater Page 1 of 1

McCAMPBELL ANALYTICAL INC.

1534 Willowpass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262

Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: 0 0 0 0

RUSH 24 HOUR 48 HOUR 5 DAY

EDF Required? Yes No

Report To: Glenn Reiss Bill To: CRA
 Company: Conestoga-Rovers & Associates (CRA)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 E-mail: mjonas@eraworld.com
 CC: greiss@eraworld.com
 Tele: (510) 420-3360 Fax: (510) 420-9170
 Project #: 130105-384 Project Name: Golden Empire Properties
 Project Location: 3055 35th Avenue, Oakland
 Sampler Signature: *Glenn O Reiss*

Analysis Request												Other	Comments			
SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED					
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other		
B-14		7/13/07	15:30	6	VDA	X						X	X	X		
B-13		7/16/07	14:30	6	VDA	X						X	X	X		

TPH by modified EPA Method 8015C/8021B
 TPH4 by modified EPA Method 8015C
 MTBE, TAME, ETBE, DIPE, TBA, EOH, EDB,
 EDC by EPA Method 8260

ICE *11/1/07*
 GOOD CONDITION
 HEAD SPACE ABSENT
 DECHLORINATED IN LAB
 PRESERVATION
 APPROPRIATE CONTAINERS
 PRESERVED IN LAB
 VOLATILE ORGANICS METALS OTHER

Relinquished By: *Glenn O Reiss* Date: 7/16/07 Time: 17:00 Received By: *Secure Location*
 Relinquished By: *Avina* Date: 7/16/07 Time: 11:30 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date: 7/16/07 Time: 3:30 Received By: *Hum Burd*

Use lowest possible detection limits.
 Email EDF to Glenn Reiss

1540

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0707328

ClientID: CETE

EDF Excel Fax Email HardCopy ThirdParty

Report to:

Glenn Reiss
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: greiss@CRAworld.com
TEL: (510) 420-070 FAX: (510) 420-917
ProjectNo: #130105-384; Golden Empire Propertie
PO:

Bill to

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 07/17/2007

Date Printed: 07/17/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0707328-001	B-14	Water	7/13/2007 1:30:00	<input type="checkbox"/>	C	A	A	B									
0707328-002	B-13	Water	7/16/2007 2:30:00	<input type="checkbox"/>	C	A		B									

Test Legend:

1	9-OXYS W
6	
11	

2	G-MBTEX W
7	
12	

3	PREF REPORT
8	

4	TPH(D) W
9	

5	
10	

Prepared by: Kimberly Burks

Comments:

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



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Project Name: **#130105-384; Golden Empire Properties**
WorkOrder N°: **0707328** Matrix Water

Date and Time Received: **7/17/2007 3:49:03 PM**
Checklist completed and reviewed by: **Kimberly Burks**
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 16.2°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLIC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Client contacted:

Date contacted:

Contacted by:

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/13/07-07/16/07
	Client Contact: Glenn Reiss	Date Received: 07/17/07
	Client P.O.:	Date Analyzed 07/19/07
		Date Extracted: 07/19/07

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0707328

Lab ID	0707328-001C	0707328-002C			Reporting Limit for DF =1
Client ID	B-14	B-13			
Matrix	W	W			
DF	100	100			

Compound	Concentration		ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND<50	ND<50	NA	0.5
t-Butyl alcohol (TBA)	ND<500	ND<500	NA	5.0
1,2-Dibromoethane (EDB)	ND<50	ND<50	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND<50	ND<50	NA	0.5
Diisopropyl ether (DIPE)	ND<50	ND<50	NA	0.5
Ethanol	ND<5000	ND<5000	NA	50
Ethyl tert-butyl ether (ETBE)	ND<50	ND<50	NA	0.5
Methyl-t-butyl ether (MTBE)	3500	1500	NA	0.5

Surrogate Recoveries (%)

%SS1:	111	110		
-------	-----	-----	--	--

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; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; J) analyte detected below quantitation limits; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701

Web: www.mcccampbell.com E-mail: main@mcccampbell.com

Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/13/07-07/16/07
	Client Contact: Glenn Reiss	Date Received: 07/17/07
	Client P.O.:	Date Extracted: 07/17/07-07/20/07
		Date Analyzed 07/17/07-07/20/07

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0707328

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-14	W	1100,a	---	150	55	34	170	1	93
002A	B-13	W	8000,a	---	110	390	250	990	10	112

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/13/07-07/16/07
	Client Contact: Glenn Reiss	Date Received: 07/17/07
	Client P.O.:	Date Analyzed 07/19/07-07/20/07

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method SW3510C

Analytical methods SW8015C

Work Order: 0707328

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0707328-001B	B-14	W	270,d,f	1	119
0707328-002B	B-13	W	7100,d,b,g	1	110

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

* 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.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0707328

Analyte	EPA Method SW8260B		Extraction SW5030B			BatchID: 29336			Spiked Sample ID: 0707309-002B			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	85.3	85.6	0.308	97.3	95.6	1.76	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	94.6	94.9	0.290	100	99.4	0.639	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	88.3	85.4	3.34	96	92.3	3.90	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	99.4	102	2.26	109	114	4.47	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	110	107	2.03	122	119	1.77	70 - 130	30	70 - 130	30
Ethanol	ND	500	106	104	2.16	103	104	0.931	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	93.5	92.6	0.976	106	102	3.73	70 - 130	30	70 - 130	30
Methanol	ND	2500	102	101	0.196	101	102	1.38	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	84.1	84.7	0.733	95.6	94.5	1.16	70 - 130	30	70 - 130	30
%SS1:	103	10	112	115	2.42	112	118	5.22	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 29336 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707328-001C	07/13/07 1:30 PM	07/19/07	07/19/07 2:23 AM	0707328-002C	07/16/07 2:30 PM	07/19/07	07/19/07 3:08 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0707328

EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 29337			Spiked Sample ID: 0707309-007A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	60	86.4	80.4	7.14	109	109	0	70 - 130	30	70 - 130	30
MTBE	ND	10	99	98.5	0.490	103	100	2.64	70 - 130	30	70 - 130	30
Benzene	ND	10	95.5	95.1	0.422	91.6	97.6	6.43	70 - 130	30	70 - 130	30
Toluene	ND	10	95.1	93.7	1.43	103	109	5.86	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	97.8	96.9	0.909	102	106	3.91	70 - 130	30	70 - 130	30
Xylenes	ND	30	95	91	4.30	113	113	0	70 - 130	30	70 - 130	30
%SS:	105	10	106	107	0.431	96	101	5.38	70 - 130	30	70 - 130	30

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

BATCH 29337 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707328-001A	07/13/07 1:30 PM	07/17/07	07/17/07 10:40 PM	0707328-001A	07/13/07 1:30 PM	07/20/07	07/20/07 5:09 PM
0707328-002A	07/16/07 2:30 PM	07/18/07	07/18/07 9:10 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.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0707328

EPA Method SW8015C		Extraction SW3510C			BatchID: 29296			Spiked Sample ID: N/A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	110	109	0.880	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	89	89	0	N/A	N/A	70 - 130	30

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

BATCH 29296 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707328-001B	07/13/07 1:30 PM	07/17/07	07/20/07 8:58 PM	0707328-002B	07/16/07 2:30 PM	07/17/07	07/19/07 7:19 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701

Web: www.mcccampbell.com E-mail: main@mcccampbell.com

Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/23/07
		Date Received: 07/24/07
	Client Contact: Glenn Reiss	Date Reported: 07/31/07
	Client P.O.:	Date Completed: 07/31/07

WorkOrder: 0707540

July 31, 2007

Dear Glenn:

Enclosed are:

- 1). the results of 2 analyzed samples from your #130105-384; Golden Empire Properties project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

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

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

0707540

CRA

McCAMPBELL ANALYTICAL INC.

1534 Willowpass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262

Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME:

RUSH 0 24 HOUR 0 48 HOUR

5 DAY

EDF Required? Yes No

Report To: Glenn Reiss

Bill To: CRA

Company: Conestoga-Rovers & Associates (CRA)

5900 Hollis Street, Suite A

Emeryville, CA 94608

E-mail: mjonas@croworld.com

CC: greiss@croworld.com

Tele: (510) 420-3360

Fax: (510) 420-9170

Project #: 130105-384

Project Name: Golden Empire Properties

Project Location: 3055 35th Avenue, Oakland

Sampler Signature: *Glenn B. Reiss*

Analysis Request

Other

Comments

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED								
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other					
B-16		7/23/07	15:15	4	NOA	X					X	X	X	X					
B-17		7/23/07	15:40	4	NOA	X					X	X	X	X					

TPH by modified EPA Method 8015C/8021B
TPH by modified EPA Method 8015C
MIBK, TAME, ETBE, DIPE, TBA, EOH, EDB,
EDC by EPA Method 8260

ICE / I ✓
 GOOD CONDITION ✓
 HEAD SPACE ABSENT ✓
 DECHLORINATED IN LAB ✓
 PRESERVATION: VOAS O & G METALS OTHER

Relinquished By: *Glenn D. Reiss* Date: 7/24/07 Time: 5:00
 Relinquished By: *[Signature]* Date: 7/24/07 Time: 1:15
 Relinquished By: *[Signature]* Date: 7/24/07

Received By: *Secure Location*
 Received By: *[Signature]*
 Received By: *[Signature]*

Use lowest possible detection limits.
Email EDF to Glenn Reiss

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0707540

ClientID: CETE

EDF

Excel

Fax

Email

HardCopy

ThirdParty

Report to:

Glenn Reiss
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: greiss@CRAworld.com
TEL: (510) 420-070 FAX: (510) 420-917
ProjectNo: #130105-384; Golden Empire Propertie
PO:

Bill to

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received 07/24/2007

Date Printed: 07/24/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0707540-001	B-16	Water	7/23/2007 3:15:00	<input type="checkbox"/>	C	A	A	B									
0707540-002	B-17	Water	7/23/2007 3:40:00	<input type="checkbox"/>	C	A		B									

Test Legend:

1	9-OXYS W
6	
11	

2	G-MBTEX W
7	
12	

3	PREF REPORT
8	

4	TPH(D) W
9	

5	
10	

Prepared by: Chloe Lam

Comments:

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



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Project Name: **#130105-384; Golden Empire Properties**
WorkOrder N°: **0707540** Matrix Water

Date and Time Received: **7/24/2007 4:46:49 PM**
Checklist completed and reviewed by: **Chloe Lam**
Carrier: Rob Pringle (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: 7.4°C NA
- Water - VOA vials have zero headspace / no bubbles? Yes No No VOA vials submitted
- Sample labels checked for correct preservation? Yes No
- TTLIC Metal - pH acceptable upon receipt (pH<2)? Yes No NA

Client contacted:

Date contacted:

Contacted by:

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/23/07
	Client Contact: Glenn Reiss	Date Received: 07/24/07
	Client P.O.:	Date Extracted: 07/29/07
		Date Analyzed: 07/29/07

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0707540

Lab ID	0707540-001C	0707540-002C			Reporting Limit for DF =1
Client ID	B-16	B-17			
Matrix	W	W			
DF	50	1			

Compound	Concentration		ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND<25	ND	NA	0.5
t-Butyl alcohol (TBA)	ND<250	ND	NA	5.0
1,2-Dibromoethane (EDB)	ND<25	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND<25	ND	NA	0.5
Diisopropyl ether (DIPE)	ND<25	ND	NA	0.5
Ethanol	ND<2500	ND	NA	50
Ethyl tert-butyl ether (ETBE)	ND<25	ND	NA	0.5
Methyl-t-butyl ether (MTBE)	430	12	NA	0.5

Surrogate Recoveries (%)

%SS1:	114	122		
-------	-----	-----	--	--

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; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; J) analyte detected below quantitation limits; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701

Web: www.mcccampbell.com E-mail: main@mcccampbell.com

Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/23/07
	Client Contact: Glenn Reiss	Date Received: 07/24/07
	Client P.O.:	Date Extracted: 07/27/07
		Date Analyzed 07/27/07

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0707540

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-16	W	69,000,a	---	7700	1500	1600	8200	100	116
002A	B-17	W	ND	---	ND	ND	ND	ND	1	93

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/23/07
	Client Contact: Glenn Reiss	Date Received: 07/24/07
	Client P.O.:	Date Extracted: 07/24/07
		Date Analyzed 07/28/07-07/31/07

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method SW3510C

Analytical methods SW8015C

Work Order: 0707540

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0707540-001B	B-16	W	6000,d	1	119
0707540-002B	B-17	W	ND	1	122

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

* 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.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0707540

EPA Method SW8015C		Extraction SW3510C			BatchID: 29494			Spiked Sample ID: N/A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	90.3	92.4	2.32	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	101	104	2.95	N/A	N/A	70 - 130	30

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

BATCH 29494 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707540-001B	07/23/07 3:15 PM	07/24/07	07/28/07 11:23 AM	0707540-002B	07/23/07 3:40 PM	07/24/07	07/31/07 6:42 AM

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

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

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0707540

EPA Method SW8260B	Extraction SW5030B			BatchID: 29496			Spiked Sample ID: 0707543-002C					
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)		
		µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD
tert-Amyl methyl ether (TAME)	ND	10	94.8	97.8	3.10	98.9	107	7.54	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	104	107	2.20	105	102	3.13	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	91.7	90.4	1.51	87.9	97	9.84	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	105	104	1.80	102	104	1.90	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	104	103	0.916	107	115	7.31	70 - 130	30	70 - 130	30
Ethanol	N/A	500	N/A	N/A	N/A	105	101	3.90	N/A	N/A	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	95.9	94.1	1.86	99.4	108	8.47	70 - 130	30	70 - 130	30
Methanol	N/A	2500	N/A	N/A	N/A	101	102	0.904	N/A	N/A	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	93.9	94.6	0.690	93.1	103	9.77	70 - 130	30	70 - 130	30
%SSI:	118	10	114	115	0.875	117	105	10.9	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 29496 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707540-001C	07/23/07 3:15 PM	07/29/07	07/29/07 7:41 AM	0707540-002C	07/23/07 3:40 PM	07/29/07	07/29/07 8:25 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0707540

EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 29509			Spiked Sample ID: 0707527-001B				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	60	105	105	0	109	112	2.35	70 - 130	30	70 - 130	30
MTBE	ND	10	88.4	89.1	0.885	116	101	13.3	70 - 130	30	70 - 130	30
Benzene	ND	10	100	93.2	7.23	103	99.3	3.71	70 - 130	30	70 - 130	30
Toluene	ND	10	105	97	8.15	116	110	5.43	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	106	95.4	10.4	108	108	0	70 - 130	30	70 - 130	30
Xylenes	ND	30	100	90.7	9.79	120	120	0	70 - 130	30	70 - 130	30
%SS:	91	10	102	102	0	92	96	4.41	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 29509 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707540-001A	07/23/07 3:15 PM	07/27/07	07/27/07 2:58 AM	0707540-002A	07/23/07 3:40 PM	07/27/07	07/27/07 3:04 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.

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

cluttered chromatogram; sample peak coelutes with surrogate peak.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/12/07-07/13/07
	Client Contact: Glenn Reiss	Date Received: 07/17/07
	Client P.O.:	Date Reported: 07/24/07
		Date Completed: 07/24/07

WorkOrder: 0707339

July 24, 2007

Dear Glenn:

Enclosed are:

- 1). the results of 17 analyzed samples from your #130105-384; Golden Empire Properties project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

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

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

McCAMPBELL ANALYTICAL INC. 1534 Willowpass Road Pittsburg, CA 94565 Telephone: (925) 252-9262 Fax: (925) 252-9269										CHAIN OF CUSTODY RECORD TURN AROUND TIME: 0 0 0 0 RUSH 24 HOUR 48 HOUR 5 DAY EDF Required? <input type="checkbox"/> Yes <input type="checkbox"/> No														
Report To: Glenn Reiss					Bill To: CRA					Analysis Request					Other		Comments							
Company: Conestoga-Rovers & Associates (CRA) 5900 Hollis Street, Suite A Emeryville, CA 94608 Tele: (510) 420-3360 Project #: 130105-384 Project Location: 3055 35 th Avenue, Oakland Sampler Signature: <i>[Signature]</i>										E-mail: mjonas@cravorld.com CC: greiss@cravorld.com Fax: (510) 420-9170 Project Name: Golden Empire Properties										TPHe, BTEX by modified EPA Method 8015C-8024B TPHd by modified EPA Method 8015C MTBE, TAME, ETBE, DIPE, TBA, EOH, EDR, EDC by EPA Method 8260				
SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED													
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other										
B-14-28'		7/13/07	10:15	1	hbc	X					X								Hold					
B-14-30'		↓	10:20	1	hbc	X					X								Hold					
B-13-5'		7/13/07	11:20	1	hbc	X					X								Hold					
B-13-10'			12:45	1	hbc	X					X								Hold					
B-13-12'			12:50	1	hbc	X					X			X	X									
B-13-14'			13:00	1	hbc	X					X			X	X									
B-13-16'			13:05	1	hbc	X					X			X	X									
B-13-20'			13:10	1	hbc	X					X			X	X									
B-13-24'			13:40	1	hbc	X					X			X	X									
B-13-28'			13:55	1	hbc	X					X								Hold					
B-13-30'		↓	14:05	1	hbc	X					X								Hold					

Relinquished By: <i>[Signature]</i>	Date: 7/13/07	Time: 17:00	Received By: <i>[Signature]</i>
Relinquished By: <i>[Signature]</i>	Date: 7/17/07	Time: 13:00	Received By: <i>[Signature]</i>
Relinquished By: <i>[Signature]</i>	Date: 7/17/07	Time: 17:50	Received By: <i>[Signature]</i>

Use lowest possible detection limits.
Email EDF to Glenn Reiss

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0707339

ClientID: CETE

EDF

Excel

Fax

Email

HardCopy

ThirdParty

Report to:

Glenn Reiss
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: greiss@CRAworld.com
TEL: (510) 420-070 FAX: (510) 420-917
ProjectNo: #130105-384; Golden Empire Propertie
PO:

Bill to

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received 07/17/2007

Date Printed: 07/24/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0707339-001	B-15-5'	Soil	07/12/07 11:30:00	<input type="checkbox"/>			A										
0707339-002	B-15-10'	Soil	07/12/07 12:20:00	<input type="checkbox"/>	A	A		A									
0707339-003	B-15-12'	Soil	07/12/07 2:00:00	<input type="checkbox"/>	A	A		A									
0707339-004	B-15-14'	Soil	07/12/07 2:20:00	<input type="checkbox"/>	A	A		A									
0707339-007	B-14-12'	Soil	07/13/07 9:35:00	<input type="checkbox"/>	A	A		A									
0707339-008	B-14-14'	Soil	07/13/07 9:40:00	<input type="checkbox"/>	A	A		A									
0707339-009	B-14-16'	Soil	07/13/07 9:45:00	<input type="checkbox"/>	A	A		A									
0707339-010	B-14-18'	Soil	07/13/07 9:50:00	<input type="checkbox"/>	A	A		A									
0707339-011	B-14-20'	Soil	07/13/07 9:55:00	<input type="checkbox"/>	A	A		A									
0707339-012	B-14-22'	Soil	07/13/07 10:00:00	<input type="checkbox"/>	A	A		A									
0707339-013	B-14-24'	Soil	07/13/07 10:05:00	<input type="checkbox"/>	A	A		A									
0707339-014	B-14-26'	Soil	07/13/07 10:10:00	<input type="checkbox"/>	A	A		A									
0707339-019	B-13-12'	Soil	07/13/07 12:50:00	<input type="checkbox"/>	A	A		A									
0707339-020	B-13-14'	Soil	07/13/07 1:00:00	<input type="checkbox"/>	A	A		A									
0707339-021	B-13-16'	Soil	07/13/07 1:05:00	<input type="checkbox"/>	A	A		A									

Test Legend:

1	9-OXYS S
6	
11	

2	G-MBTX S
7	
12	

3	PREDF REPORT
8	

4	TPH(D) S
9	

5	
10	

Prepared by: Maria Venegas

Comments:

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

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0707339

ClientID: CETE

EDF

Excel

Fax

Email

HardCopy

ThirdParty

Report to:

Glenn Reiss
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: greiss@CRAworld.com
TEL: (510) 420-070 FAX: (510) 420-917
ProjectNo: #130105-384; Golden Empire Propertie
PO:

Bill to

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received 07/17/2007

Date Printed: 07/24/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0707339-022	B-13-20'	Soil	07/13/07 1:10:00	<input type="checkbox"/>	A	A		A								
0707339-023	B-13-24'	Soil	07/13/07 1:40:00	<input type="checkbox"/>	A	A		A								

Test Legend:

1	9-OXYS S
6	
11	

2	G-MBTEX S
7	
12	

3	PREF REPORT
8	

4	TPH(D) S
9	

5	
10	

Prepared by: Maria Venegas

Comments:

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



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Project Name: **#130105-384; Golden Empire Properties**
WorkOrder N°: **0707339** Matrix Soil

Date and Time Received: **07/17/07 5:36:12 PM**
Checklist completed and reviewed by: **Maria Venegas**
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 14.2°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLIC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Client contacted: _____ Date contacted: _____ Contacted by: _____

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/12/07-07/13/07
	Client Contact: Glenn Reiss	Date Received: 07/17/07
	Client P.O.:	Date Analyzed 07/20/07-07/21/07
		Date Extracted: 07/17/07

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0707339

Lab ID	0707339-002A	0707339-003A	0707339-004A	0707339-007A	Reporting Limit for DF =1	
Client ID	B-15-10'	B-15-12'	B-15-14'	B-14-12'		
Matrix	S	S	S	S		
DF	1	2	2	2	S	W

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND<0.010	ND<0.010	ND<0.010	0.005
t-Butyl alcohol (TBA)	ND	ND<0.10	ND<0.10	ND<0.10	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND<0.010	ND<0.010	ND<0.010	0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND<0.010	ND<0.010	ND<0.010	0.005	NA
Diisopropyl ether (DIPE)	ND	ND<0.010	ND<0.010	ND<0.010	0.005	NA
Ethanol	ND	ND<0.50	ND<0.50	ND<0.50	0.25	NA
Ethyl tert-butyl ether (ETBE)	ND	ND<0.010	ND<0.010	ND<0.010	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND<0.010	ND<0.010	ND<0.010	0.005	NA

Surrogate Recoveries (%)

%SS1:	90	86	87	90	
Comments		j	j	j	

* 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; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/12/07-07/13/07
	Client Contact: Glenn Reiss	Date Received: 07/17/07
	Client P.O.:	Date Analyzed 07/20/07-07/21/07
		Date Extracted: 07/17/07

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0707339

Lab ID	0707339-008A	0707339-009A	0707339-010A	0707339-011A	Reporting Limit for DF =1	
Client ID	B-14-14'	B-14-16'	B-14-18'	B-14-20'		
Matrix	S	S	S	S		
DF	10	10	1	2		

Compound	Concentration				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND<0.050	ND<0.050	ND	ND<0.010	0.005	NA
t-Butyl alcohol (TBA)	ND<0.50	ND<0.50	ND	ND<0.10	0.05	NA
1,2-Dibromoethane (EDB)	ND<0.050	ND<0.050	ND	ND<0.010	0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND<0.050	ND<0.050	ND	ND<0.010	0.005	NA
Diisopropyl ether (DIPE)	ND<0.050	ND<0.050	ND	ND<0.010	0.005	NA
Ethanol	ND<2.5	ND<2.5	ND	ND<0.50	0.25	NA
Ethyl tert-butyl ether (ETBE)	ND<0.050	ND<0.050	ND	ND<0.010	0.005	NA
Methyl-t-butyl ether (MTBE)	ND<0.050	ND<0.050	ND	ND<0.010	0.005	NA

Surrogate Recoveries (%)

%SS1:	88	77	90	76	
Comments	j	j		j	

* 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; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/12/07-07/13/07
	Client Contact: Glenn Reiss	Date Received: 07/17/07
	Client P.O.:	Date Analyzed 07/20/07-07/21/07
		Date Extracted: 07/17/07

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0707339

Lab ID	0707339-012A	0707339-013A	0707339-014A	0707339-019A	Reporting Limit for DF =1	
Client ID	B-14-22'	B-14-24'	B-14-26'	B-13-12'		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005	NA
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.005	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.25	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	0.021	0.15	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	91	93	90	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; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/12/07-07/13/07
	Client Contact: Glenn Reiss	Date Received: 07/17/07
	Client P.O.:	Date Extracted: 07/17/07
		Date Analyzed 07/20/07-07/21/07

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0707339

Lab ID	0707339-020A	0707339-021A	0707339-022A	0707339-023A	Reporting Limit for DF =1	
Client ID	B-13-14'	B-13-16'	B-13-20'	B-13-24'		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.005	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.25	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	88	81	88	86	
-------	----	----	----	----	--

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; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/12/07-07/13/07
	Client Contact: Glenn Reiss	Date Received: 07/17/07
	Client P.O.:	Date Analyzed 07/17/07-07/21/07
		Date Extracted: 07/17/07

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0707339

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
002A	B-15-10'	S	34,a,m	---	0.074	0.20	0.21	0.080	1	103
003A	B-15-12'	S	200,a	---	0.54	0.95	2.5	5.4	50	---#
004A	B-15-14'	S	480,b,m	---	2.0	1.9	8.0	26	20	122
007A	B-14-12'	S	92,b,m	---	0.083	0.55	1.0	0.69	10	111
008A	B-14-14'	S	430,a	---	4.6	1.8	6.4	28	100	80
009A	B-14-16'	S	210,a	---	4.4	5.4	3.0	18	20	---#
010A	B-14-18'	S	55,a	---	0.28	0.34	0.46	3.4	1	90
011A	B-14-20'	S	69,a	---	3.5	1.8	1.1	6.7	10	129
012A	B-14-22'	S	15,a	---	1.1	0.19	0.25	0.65	1	87
013A	B-14-24'	S	1.1,a	---	0.027	0.0071	0.0073	0.013	1	83
014A	B-14-26'	S	ND	---	ND	ND	ND	ND	1	92
019A	B-13-12'	S	ND	---	ND	ND	ND	ND	1	96
020A	B-13-14'	S	1.3,g	---	ND	ND	ND	ND	1	83
021A	B-13-16'	S	69,a,m	---	0.022	0.49	0.27	0.074	1	95
022A	B-13-20'	S	2.9,b,m	---	ND	0.034	0.017	0.077	1	82
023A	B-13-24'	S	ND	---	ND	ND	ND	ND	1	83

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/12/07-07/13/07
	Client Contact: Glenn Reiss	Date Received: 07/17/07
	Client P.O.:	Date Analyzed 07/18/07-07/22/07
		Date Extracted: 07/17/07

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method SW3550C

Analytical methods SW8015C

Work Order: 0707339

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0707339-002A	B-15-10'	S	17,d,b	1	80
0707339-003A	B-15-12'	S	44,d	20	82
0707339-004A	B-15-14'	S	100,d,b	1	101
0707339-007A	B-14-12'	S	37,d,b	1	85
0707339-008A	B-14-14'	S	52,d	20	93
0707339-009A	B-14-16'	S	39,d,b	1	97
0707339-010A	B-14-18'	S	11,d	1	84
0707339-011A	B-14-20'	S	5.2,d,b	1	98
0707339-012A	B-14-22'	S	2.0,d,b	1	100
0707339-013A	B-14-24'	S	ND	1	81
0707339-014A	B-14-26'	S	ND	1	101
0707339-019A	B-13-12'	S	ND	1	99
0707339-020A	B-13-14'	S	ND	1	76
0707339-021A	B-13-16'	S	17,d,b	1	82
0707339-022A	B-13-20'	S	ND	1	84
0707339-023A	B-13-24'	S	ND	1	83

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	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.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) results are reported on a dry weight basis.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0707339

Table with columns: EPA Method SW8260B, Extraction SW5030B, BatchID: 29344, Spiked Sample ID: 0707326-022A. Rows include analytes like tert-Amyl methyl ether (TAME), t-Butyl alcohol (TBA), 1,2-Dibromoethane (EDB), etc., with columns for Sample, Spiked, MS, MSD, MS-MSD, LCS, LCSD, LCS-LCSD, and Acceptance Criteria (%).

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 29344 SUMMARY

Summary table with columns: Sample ID, Date Sampled, Date Extracted, Date Analyzed. Rows show sample IDs 0707339-002A, 0707339-004A, 0707339-008A and their corresponding analysis dates.

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.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0707339

Table with columns: EPA Method SW8260B, Extraction SW5030B, BatchID: 29355, Spiked Sample ID: 0707339-023A. Rows include analytes like tert-Amyl methyl ether (TAME), t-Butyl alcohol (TBA), 1,2-Dibromoethane (EDB), etc., with columns for Sample, Spiked, MS, MSD, MS-MSD, LCS, LCSD, LCS-LCSD, and Acceptance Criteria (%).

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 29355 SUMMARY

Summary table with columns: Sample ID, Date Sampled, Date Extracted, Date Analyzed. It lists multiple sample IDs and their corresponding dates.

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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0707339

Analyte	Extraction SW5030B		BatchID: 29347						Spiked Sample ID: 0707333-001A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	98.5	99.7	1.16	105	106	1.75	70 - 130	30	70 - 130	30
MTBE	ND	0.10	91.6	115	22.5	109	111	1.64	70 - 130	30	70 - 130	30
Benzene	ND	0.10	97.1	106	8.42	88.9	92.1	3.55	70 - 130	30	70 - 130	30
Toluene	ND	0.10	89.4	93	3.98	82.1	85.3	3.80	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	97.4	101	3.95	95.4	98.7	3.48	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	95.3	96	0.697	92.3	96.7	4.59	70 - 130	30	70 - 130	30
%SS:	99	0.10	94	99	4.66	87	93	6.87	70 - 130	30	70 - 130	30

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

BATCH 29347 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707339-002A	07/12/07 12:20 PM	07/17/07	07/18/07 11:41 PM	0707339-003A	07/12/07 2:00 PM	07/17/07	07/17/07 10:27 PM
0707339-004A	07/12/07 2:20 PM	07/17/07	07/18/07 6:55 PM	0707339-007A	07/13/07 9:35 AM	07/17/07	07/19/07 7:52 PM
0707339-008A	07/13/07 9:40 AM	07/17/07	07/17/07 11:28 PM	0707339-009A	07/13/07 9:45 AM	07/17/07	07/18/07 4:54 PM
0707339-010A	07/13/07 9:50 AM	07/17/07	07/18/07 8:02 AM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0707339

EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 29356			Spiked Sample ID: 0707339-023A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	0.60	102	93.8	7.86	101	104	3.38	70 - 130	30	70 - 130	30
MTBE	ND	0.10	115	102	12.0	115	104	9.89	70 - 130	30	70 - 130	30
Benzene	ND	0.10	108	96.3	11.5	94.3	91.8	2.59	70 - 130	30	70 - 130	30
Toluene	ND	0.10	94.6	85.3	10.1	86.4	85.4	1.15	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	104	95.9	7.76	99.1	98.4	0.656	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	100	91.3	9.06	96.7	96.3	0.345	70 - 130	30	70 - 130	30
%SS:	83	0.10	105	93	11.3	96	97	1.05	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 29356 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707339-011A	07/13/07 9:55 AM	07/17/07	07/18/07 3:53 PM	0707339-012A	07/13/07 10:00 AM	07/17/07	07/18/07 8:34 AM
0707339-013A	07/13/07 10:05 AM	07/17/07	07/19/07 1:56 AM	0707339-014A	07/13/07 10:10 AM	07/17/07	07/21/07 12:35 AM
0707339-019A	07/13/07 12:50 PM	07/17/07	07/19/07 5:07 AM	0707339-020A	07/13/07 1:00 PM	07/17/07	07/18/07 6:22 AM
0707339-021A	07/13/07 1:05 PM	07/17/07	07/19/07 1:22 AM	0707339-022A	07/13/07 1:10 PM	07/17/07	07/18/07 11:07 PM
0707339-023A	07/13/07 1:40 PM	07/17/07	07/19/07 2:30 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.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0707339

EPA Method SW8015C		Extraction SW3550C			BatchID: 29340			Spiked Sample ID: 0707319-001A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	23	20	107	108	0.547	87.7	89.2	1.68	70 - 130	30	70 - 130	30
%SS:	99	50	98	100	2.96	76	84	10.4	70 - 130	30	70 - 130	30

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

BATCH 29340 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707339-002A	07/12/07 12:20 PM	07/17/07	07/21/07 1:53 AM	0707339-003A	07/12/07 2:00 PM	07/17/07	07/19/07 9:06 AM
0707339-004A	07/12/07 2:20 PM	07/17/07	07/22/07 12:29 PM	0707339-007A	07/13/07 9:35 AM	07/17/07	07/18/07 3:03 PM
0707339-008A	07/13/07 9:40 AM	07/17/07	07/22/07 1:02 PM	0707339-009A	07/13/07 9:45 AM	07/17/07	07/18/07 5:22 PM
0707339-010A	07/13/07 9:50 AM	07/17/07	07/19/07 7:58 AM	0707339-011A	07/13/07 9:55 AM	07/17/07	07/22/07 1:39 PM
0707339-012A	07/13/07 10:00 AM	07/17/07	07/22/07 2:49 PM	0707339-013A	07/13/07 10:05 AM	07/17/07	07/22/07 11:20 AM
0707339-014A	07/13/07 10:10 AM	07/17/07	07/19/07 2:45 AM	0707339-019A	07/13/07 12:50 PM	07/17/07	07/22/07 4:00 PM
0707339-020A	07/13/07 1:00 PM	07/17/07	07/20/07 12:17 AM	0707339-021A	07/13/07 1:05 PM	07/17/07	07/19/07 11:09 PM
0707339-022A	07/13/07 1:10 PM	07/17/07	07/18/07 4:14 PM	0707339-023A	07/13/07 1:40 PM	07/17/07	07/21/07 3:01 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/20/07
	Client Contact: Glenn Reiss	Date Received: 07/24/07
	Client P.O.:	Date Reported: 07/31/07
		Date Completed: 07/31/07

WorkOrder: 0707546

July 31, 2007

Dear Glenn:

Enclosed are:

- 1). the results of 17 analyzed samples from your **#130105-384; Golden Empire Properties project,**
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

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

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

0707546

Soil Page 1 of 2

McCAMPBELL ANALYTICAL INC.
1534 Willowpass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: 0 0 0 **6**
RUSH 24 HOUR 48 HOUR 5 DAY

EDF Required? Yes No

Report To: Glenn Reiss Bill To: CRA
Company: Conestoga-Rovers & Associates (CRA)
5900 Hollis Street, Suite A
Emeryville, CA 94608
E-mail: mjonas@croworld.com
CC: greiss@croworld.com
Tele: (510) 420-3360 Fax: (510) 420-9170
Project #: 130105-384 Project Name: Golden Empire Properties
Project Location: 3055 35th Avenue, Oakland
Sampler Signature: *[Signature]*

Analysis Request Other Comments

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED								
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other					
B-170 5'		7/20/07	9:00	1	tube	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-170 10'			9:15			X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-170 12'			9:25			X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-170 14'			9:30			X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-170 16'			9:35			X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-170 18'			9:40			X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-170 20'			9:45			X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-170 22'			9:50			X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-170 24'			9:55			X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-160 5'			12:20			X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-160 10'			12:30			X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-160 12'			12:35			X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-160 14'			12:40			X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-160 16'		✓	12:45	✓	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X

TPH, BTEX by modified EPA Method 8015/SCM21D
TPH by modified EPA Method 8015C
MTBE, TAME, ETBE, DPE, TBA, EOH, EDB,
EDC by EPA Method 8260

Relinquished By: *[Signature]* Date: 7/20/07 Time: 17:00 Received By: *[Signature]*
Relinquished By: *[Signature]* Date: 7/21/07 Time: 9:00 Received By: *[Signature]*

Use lowest possible detection limits.
Email EDF to Glenn Reiss
ICRP CONTAMINATION CONTAINERS PRESERVED IN LAB
4.8
APPROPRIATE CONTAINERS PRESERVED IN LAB
VOLATILES ORG METALS OTHER

McCAMPBELL ANALYTICAL INC.

1534 Willowpass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262

Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: 0 0 0 0
RUSH 24 HOUR 48 HOUR 5 DAY

EDF Required? Yes No

Report To: Glenn Reiss		Bill To: CRA	
Company: Conestoga-Rovers & Associates (CRA)			
5900 Hollis Street, Suite A			
Emeryville, CA 94608		E-mail: mjonas@croworld.com CC: greiss@croworld.com	
Tele: (510) 420-3360		Fax: (510) 420-9170	
Project #: 130105-384		Project Name: Golden Empire Properties	
Project Location: 3055 35th Avenue, Oakland			
Sampler Signature: <i>[Signature]</i>			

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				Analysis Request	Other	Comments
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other			
B-160 18'		7/20/07	12:50	1	tube	X	X					X	X				
B-160 20'		↓	12:55	↓	↓	X	X					X	X				
B-160 24'		↓	13:05	↓	↓	X	X					X	X				

TPH by TEX by modified EPA Method 8010/8011B
TPH by modified EPA Method 8015C
MTBE, TAME, ETBE, DHEP, TBA, EPOB, EDB,
EDC by EPA Method 8260

Relinquished By:	Date:	Time:	Received By:	Use lowest possible detection limits. Email EDF to Glenn Reiss
<i>[Signature]</i>	7/20/07	17:00	Security Location	
Relinquished By:	Date:	Time:	Received By:	
<i>[Signature]</i>	7/20/07	11:55	<i>[Signature]</i>	
Relinquished By:	Date:	Time:	Received By:	
<i>[Signature]</i>	7/20/07	4:00	<i>[Signature]</i>	

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0707546

ClientID: CETE

EDF Excel Fax Email HardCopy ThirdParty

Report to:

Glenn Reiss
 Conestoga-Rovers & Associates
 5900 Hollis St, Suite A
 Emeryville, CA 94608

Email: greiss@CRAworld.com
 TEL: (510) 420-070 FAX: (510) 420-917
 ProjectNo: #130105-384; Golden Empire Propertie
 PO:

Bill to

Accounts Payable
 Conestoga-Rovers & Associates
 5900 Hollis St, Ste. A
 Emeryville, CA 94608

Requested TAT: 5 days

Date Received 07/24/2007

Date Printed: 07/31/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0707546-001	B-17@5'	Soil	7/20/2007 9:00:00	<input type="checkbox"/>	A	A	A	A									
0707546-002	B-17@10'	Soil	7/20/2007 9:15:00	<input type="checkbox"/>	A	A		A									
0707546-003	B-17@12'	Soil	7/20/2007 9:25:00	<input type="checkbox"/>	A	A		A									
0707546-004	B-17@14'	Soil	7/20/2007 9:30:00	<input type="checkbox"/>	A	A		A									
0707546-005	B-17@16'	Soil	7/20/2007 9:35:00	<input type="checkbox"/>	A	A		A									
0707546-006	B-17@18'	Soil	7/20/2007 9:40:00	<input type="checkbox"/>	A	A		A									
0707546-007	B-17@20'	Soil	7/20/2007 9:45:00	<input type="checkbox"/>	A	A		A									
0707546-008	B-17@22'	Soil	7/20/2007 9:50:00	<input type="checkbox"/>	A	A		A									
0707546-009	B-17@24'	Soil	7/20/2007 9:55:00	<input type="checkbox"/>	A	A		A									
0707546-010	B-16@5'	Soil	7/20/2007	<input type="checkbox"/>	A	A		A									
0707546-011	B-16@10'	Soil	7/20/2007	<input type="checkbox"/>	A	A		A									
0707546-012	B-16@12'	Soil	7/20/2007	<input type="checkbox"/>	A	A		A									
0707546-013	B-16@14'	Soil	7/20/2007	<input type="checkbox"/>	A	A		A									
0707546-014	B-16@16'	Soil	7/20/2007	<input type="checkbox"/>	A	A		A									
0707546-015	B-16@18'	Soil	7/20/2007	<input type="checkbox"/>	A	A		A									

Test Legend:

1	9-OXYS S	2	G-MBTX S	3	PREDF REPORT	4	TPH(D) S	5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

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

McC Campbell Analytical, Inc.

1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0707546

ClientID: CETE

- EDF Excel Fax Email HardCopy ThirdParty

Report to:

Glenn Reiss
 Conestoga-Rovers & Associates
 5900 Hollis St, Suite A
 Emeryville, CA 94608

Email: greiss@CRAworld.com
 TEL: (510) 420-070 FAX: (510) 420-917
 ProjectNo: #130105-384; Golden Empire Propertie
 PO:

Bill to

Accounts Payable
 Conestoga-Rovers & Associates
 5900 Hollis St, Ste. A
 Emeryville, CA 94608

Requested TAT: 5 days

Date Received 07/24/2007

Date Printed: 07/31/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0707546-016	B-16@20'	Soil	7/20/2007	<input type="checkbox"/>	A	A		A									
0707546-017	B-16@24'	Soil	7/20/2007 1:05:00	<input type="checkbox"/>	A	A		A									

Test Legend:

1	9-OXYS S	2	G-MBTEX S	3	PREF REPORT	4	TPH(D) S	5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

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



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Project Name: **#130105-384; Golden Empire Properties**
WorkOrder N°: **0707546** Matrix Soil

Date and Time Received: **07/24/07 5:42:41 PM**
Checklist completed and reviewed by: **Maria Venegas**
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

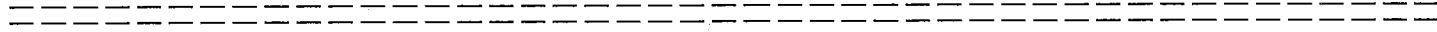
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 4.8°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLIC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>



Client contacted: _____ Date contacted: _____ Contacted by: _____

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/20/07
	Client Contact: Glenn Reiss	Date Received: 07/24/07
	Client P.O.:	Date Extracted: 07/24/07
		Date Analyzed: 07/28/07-07/29/07

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0707546

Lab ID	0707546-001A	0707546-002A	0707546-003A	0707546-004A	Reporting Limit for DF =1
Client ID	B-17@5'	B-17@10'	B-17@12'	B-17@14'	
Matrix	S	S	S	S	
DF	1	1	1	1	

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.005	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.25	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	97	96	95	91
-------	----	----	----	----

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; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/20/07
	Client Contact: Glenn Reiss	Date Received: 07/24/07
	Client P.O.:	Date Extracted: 07/24/07
		Date Analyzed: 07/28/07-07/29/07

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0707546

Lab ID	0707546-005A	0707546-006A	0707546-007A	0707546-008A	Reporting Limit for DF =1	
Client ID	B-17@16'	B-17@18'	B-17@20'	B-17@22'		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005	NA
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.005	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.25	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	92	90	89	87	
-------	----	----	----	----	--

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; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/20/07
	Client Contact: Glenn Reiss	Date Received: 07/24/07
	Client P.O.:	Date Extracted: 07/24/07
		Date Analyzed: 07/28/07-07/29/07

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0707546

Lab ID	0707546-009A	0707546-010A	0707546-011A	0707546-012A	Reporting Limit for DF =1
Client ID	B-17@24'	B-16@5'	B-16@10'	B-16@12'	
Matrix	S	S	S	S	
DF	1	1	20	100	

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND<0.10	ND<0.50	0.005
t-Butyl alcohol (TBA)	ND	ND	ND<1.0	ND<5.0	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND<0.10	ND<0.50	0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND<0.10	ND<0.50	0.005	NA
Diisopropyl ether (DIPE)	ND	ND	ND<0.10	ND<0.50	0.005	NA
Ethanol	ND	ND	ND<5.0	ND<25	0.25	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND<0.10	ND<0.50	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND<0.10	ND<0.50	0.005	NA

Surrogate Recoveries (%)

%SS1:	87	82	80	78
-------	----	----	----	----

Comments			j	j
----------	--	--	---	---

* 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; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/20/07
	Client Contact: Glenn Reiss	Date Received: 07/24/07
	Client P.O.:	Date Extracted: 07/24/07
		Date Analyzed: 07/28/07-07/29/07

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0707546

Lab ID	0707546-013A	0707546-014A	0707546-015A	0707546-016A	Reporting Limit for DF =1	
Client ID	B-16@'14	B-16@'16'	B-16@'18'	B-16@'20'		
Matrix	S	S	S	S		
DF	1	2	20	4		

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND<0.010	ND<0.10	ND<0.020	0.005
t-Butyl alcohol (TBA)	ND	ND<0.10	ND<1.0	ND<0.20	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND<0.010	ND<0.10	ND<0.020	0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND<0.010	ND<0.10	ND<0.020	0.005	NA
Diisopropyl ether (DIPE)	ND	ND<0.010	ND<0.10	ND<0.020	0.005	NA
Ethanol	ND	ND<0.50	ND<5.0	ND<1.0	0.25	NA
Ethyl tert-butyl ether (ETBE)	ND	ND<0.010	ND<0.10	ND<0.020	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND<0.010	ND<0.10	ND<0.020	0.005	NA

Surrogate Recoveries (%)

%SS1:	81	79	77	77	
Comments		j	j	j	

* 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; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/20/07
	Client Contact: Glenn Reiss	Date Received: 07/24/07
	Client P.O.:	Date Extracted: 07/24/07
		Date Analyzed: 07/28/07-07/29/07

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0707546

Lab ID	0707546-017A				Reporting Limit for DF =1
Client ID	B-16@24'				
Matrix	S				
DF	1				

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND				0.005
t-Butyl alcohol (TBA)	ND				0.05	NA
1,2-Dibromoethane (EDB)	ND				0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND				0.005	NA
Diisopropyl ether (DIPE)	ND				0.005	NA
Ethanol	ND				0.25	NA
Ethyl tert-butyl ether (ETBE)	ND				0.005	NA
Methyl-t-butyl ether (MTBE)	0.053				0.005	NA

Surrogate Recoveries (%)

%SS1:	81				
-------	----	--	--	--	--

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; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/20/07
	Client Contact: Glenn Reiss	Date Received: 07/24/07
	Client P.O.:	Date Analyzed: 07/25/07-07/28/07
		Date Extracted: 07/24/07

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0707546

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-17@5'	S	ND	ND	ND	ND	ND	ND	1	82
002A	B-17@10'	S	ND	ND	ND	ND	ND	ND	1	78
003A	B-17@12'	S	ND	ND	ND	ND	ND	ND	1	89
004A	B-17@14'	S	ND	ND	ND	ND	ND	ND	1	93
005A	B-17@16'	S	ND	ND	ND	ND	ND	ND	1	76
006A	B-17@18'	S	ND	ND	ND	ND	ND	ND	1	78
007A	B-17@20'	S	ND	ND	ND	ND	ND	ND	1	90
008A	B-17@22'	S	ND	ND	ND	ND	ND	ND	1	84
009A	B-17@24'	S	ND	ND	ND	ND	ND	ND	1	92
010A	B-16@5'	S	ND	ND	ND	ND	ND	ND	1	98
011A	B-16@10'	S	430,b,m	ND<1.0	1.5	2.1	4.4	21	20	113
012A	B-16@12'	S	4300,a	ND<50	41	23	59	320	1000	---#
013A	B-16@14'	S	9.9,a	ND<0.17	0.26	0.044	0.24	1.2	3.3	89
014A	B-16@16'	S	38,a,m	ND<0.25	0.79	0.20	0.40	2.7	5	95
015A	B-16@18'	S	350,a	ND<2.5	7.1	9.6	5.3	31	50	---#
016A	B-16@20'	S	56,a	ND<0.50	3.4	1.8	0.75	4.4	10	93

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Client Project ID: #130105-384; Golden Empire Properties
Client Contact: Glenn Reiss
Client P.O.:

Date Sampled: 07/20/07
Date Received: 07/24/07
Date Extracted: 07/24/07
Date Analyzed 07/25/07-07/28/07

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0707546

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
017A	B-16@24'	S	ND	ND	ND	ND	ND	ND	1	82

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701

Web: www.mcccampbell.com E-mail: main@mcccampbell.com

Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105-384; Golden Empire Properties	Date Sampled: 07/20/07
	Client Contact: Glenn Reiss	Date Received: 07/24/07
	Client P.O.:	Date Extracted: 07/24/07
		Date Analyzed 07/29/07-07/31/07

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method SW3550C

Analytical methods SW8015C

Work Order: 0707546

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0707546-001A	B-17@5'	S	ND	1	97
0707546-002A	B-17@10'	S	ND	1	117
0707546-003A	B-17@12'	S	ND	1	107
0707546-004A	B-17@14'	S	ND	1	107
0707546-005A	B-17@16'	S	ND	1	96
0707546-006A	B-17@18'	S	ND	1	98
0707546-007A	B-17@20'	S	ND	1	98
0707546-008A	B-17@22'	S	ND	1	79
0707546-009A	B-17@24'	S	ND	1	117
0707546-010A	B-16@5'	S	ND	1	81
0707546-011A	B-16@10'	S	75,d	2	122
0707546-012A	B-16@12'	S	310,d	10	130
0707546-013A	B-16@14'	S	3.0,d	1	116
0707546-014A	B-16@16'	S	3.1,d	1	116
0707546-015A	B-16@18'	S	55,d	10	119
0707546-016A	B-16@20'	S	2.6,d	1	116

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	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.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) results are reported on a dry weight basis.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Client Project ID: #130105-384; Golden
Empire Properties

Client Contact: Glenn Reiss

Client P.O.:

Date Sampled: 07/20/07

Date Received: 07/24/07

Date Extracted: 07/24/07

Date Analyzed 07/29/07-07/31/07

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method SW3550C

Analytical methods SW8015C

Work Order: 0707546

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0707546-017A	B-16@24'	S	ND	1	116

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	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.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) results are reported on a dry weight basis.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0707546

EPA Method SW8260B		Extraction SW5030B			BatchID: 29502			Spiked Sample ID: 0707517-006A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	91.3	93	1.76	104	100	4.06	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	104	107	3.14	101	101	0	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	82.6	77.3	6.57	70.5	82.6	15.8	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	102	102	0	112	109	3.02	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	99.4	95.7	3.82	109	109	0	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	93	89.4	4.02	102	104	1.73	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	90.3	88.6	1.85	96.8	101	4.27	70 - 130	30	70 - 130	30
%SS1:	84	0.050	111	106	3.97	118	112	4.61	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 29502 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707546-001A	07/20/07 9:00 AM	07/24/07	07/28/07 11:09 PM	0707546-002A	07/20/07 9:15 AM	07/24/07	07/28/07 11:59 PM
0707546-003A	07/20/07 9:25 AM	07/24/07	07/29/07 12:47 AM				

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

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

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

N/A = not 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.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0707546

Analyte	Extraction SW5030B			BatchID: 29525					Spiked Sample ID: 0707546-004A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	96.4	101	4.40	92.8	92.9	0.0607	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	101	100	0.716	102	103	1.27	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	83.9	81.4	3.00	80.5	83.1	3.08	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	112	109	2.00	102	104	1.68	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	109	107	1.89	101	102	1.72	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	101	101	0	91.6	93.5	2.06	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	100	98.4	1.77	89.9	90.9	1.10	70 - 130	30	70 - 130	30
%SSI:	91	0.050	103	107	4.06	96	111	14.7	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 29525 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707546-004A	07/20/07 9:30 AM	07/24/07	07/29/07 3:13 AM	0707546-005A	07/20/07 9:35 AM	07/24/07	07/29/07 4:04 AM
0707546-006A	07/20/07 9:40 AM	07/24/07	07/29/07 4:54 AM	0707546-007A	07/20/07 9:45 AM	07/24/07	07/29/07 5:46 AM
0707546-008A	07/20/07 9:50 AM	07/24/07	07/29/07 6:34 AM	0707546-009A	07/20/07 9:55 AM	07/24/07	07/29/07 7:25 AM
0707546-010A	07/20/07 12:20 PM	07/24/07	07/29/07 8:12 AM	0707546-011A	07/20/07 12:30 PM	07/24/07	07/29/07 8:59 AM
0707546-012A	07/20/07 12:35 PM	07/24/07	07/29/07 9:46 AM	0707546-013A	07/20/07 12:40 PM	07/24/07	07/29/07 12:06 PM
0707546-014A	07/20/07 12:45 PM	07/24/07	07/29/07 12:52 PM	0707546-015A	07/20/07 12:50 PM	07/24/07	07/29/07 1:37 PM
0707546-016A	07/20/07 12:55 PM	07/24/07	07/29/07 2:24 PM	0707546-017A	07/20/07 1:05 PM	07/24/07	07/29/07 3:11 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0707546

EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 29500			Spiked Sample ID: 0707546-007A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	0.60	102	99.3	3.07	114	98.7	14.5	70 - 130	30	70 - 130	30
MTBE	ND	0.10	90.6	97.6	7.43	108	110	1.24	70 - 130	30	70 - 130	30
Benzene	ND	0.10	88.8	91.3	2.85	94.7	90.6	4.47	70 - 130	30	70 - 130	30
Toluene	ND	0.10	103	101	1.68	84.7	81.6	3.70	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	97.1	98.3	1.29	94.6	92.8	1.83	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	110	110	0	91.3	87.3	4.48	70 - 130	30	70 - 130	30
%SS:	90	0.10	75	71	6.26	78	74	6.45	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 29500 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707546-001A	07/20/07 9:00 AM	07/24/07	07/26/07 10:58 PM	0707546-002A	07/20/07 9:15 AM	07/24/07	07/28/07 3:34 AM
0707546-003A	07/20/07 9:25 AM	07/24/07	07/25/07 11:31 PM	0707546-004A	07/20/07 9:30 AM	07/24/07	07/26/07 12:32 AM
0707546-005A	07/20/07 9:35 AM	07/24/07	07/28/07 4:07 AM	0707546-006A	07/20/07 9:40 AM	07/24/07	07/28/07 3:01 AM
0707546-007A	07/20/07 9:45 AM	07/24/07	07/26/07 2:34 AM	0707546-008A	07/20/07 9:50 AM	07/24/07	07/25/07 11:00 PM
0707546-009A	07/20/07 9:55 AM	07/24/07	07/26/07 3:04 AM	0707546-010A	07/20/07 12:20 PM	07/24/07	07/26/07 3:34 AM
0707546-011A	07/20/07 12:30 PM	07/24/07	07/27/07 12:30 AM	0707546-012A	07/20/07 12:35 PM	07/24/07	07/26/07 2:21 AM
0707546-013A	07/20/07 12:40 PM	07/24/07	07/26/07 5:50 PM	0707546-014A	07/20/07 12:45 PM	07/24/07	07/26/07 6:21 PM
0707546-015A	07/20/07 12:50 PM	07/24/07	07/27/07 2:00 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0707546

EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 29522			Spiked Sample ID: 0707562-001A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	0.60	91.9	96.3	4.64	94.9	102	6.86	70 - 130	30	70 - 130	30
MTBE	ND	0.10	108	114	4.84	115	111	3.41	70 - 130	30	70 - 130	30
Benzene	ND	0.10	90.5	89	1.73	86	86.5	0.517	70 - 130	30	70 - 130	30
Toluene	ND	0.10	82.2	81.7	0.646	78.2	80.8	3.24	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	91.5	91.4	0.0716	89.5	92.8	3.62	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	86.7	86.3	0.385	82.7	87	5.11	70 - 130	30	70 - 130	30
%SS:	87	0.10	72	71	0.401	72	80	11.4	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 29522 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707546-016A	07/20/07 12:55 PM	07/24/07	07/26/07 9:57 PM	0707546-017A	07/20/07 1:05 PM	07/24/07	07/27/07 11:07 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.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0707546

EPA Method SW8015C		Extraction SW3550C			BatchID: 29501			Spiked Sample ID: 0707517-022A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	2.3	20	100	97.8	2.30	90.2	96	6.21	70 - 130	30	70 - 130	30
%SS:	119	50	105	102	2.68	109	101	7.65	70 - 130	30	70 - 130	30

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

BATCH 29501 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707546-001A	07/20/07 9:00 AM	07/24/07	07/31/07 2:46 PM	0707546-002A	07/20/07 9:15 AM	07/24/07	07/31/07 2:46 PM
0707546-003A	07/20/07 9:25 AM	07/24/07	07/29/07 11:12 AM	0707546-004A	07/20/07 9:30 AM	07/24/07	07/29/07 12:19 PM
0707546-005A	07/20/07 9:35 AM	07/24/07	07/29/07 11:17 PM	0707546-006A	07/20/07 9:40 AM	07/24/07	07/29/07 10:06 PM
0707546-007A	07/20/07 9:45 AM	07/24/07	07/29/07 8:55 PM	0707546-008A	07/20/07 9:50 AM	07/24/07	07/29/07 6:55 PM
0707546-009A	07/20/07 9:55 AM	07/24/07	07/29/07 8:03 PM	0707546-010A	07/20/07 12:20 PM	07/24/07	07/29/07 8:03 PM
0707546-011A	07/20/07 12:30 PM	07/24/07	07/29/07 5:47 PM	0707546-012A	07/20/07 12:35 PM	07/24/07	07/29/07 6:55 PM
0707546-013A	07/20/07 12:40 PM	07/24/07	07/29/07 4:38 PM	0707546-014A	07/20/07 12:45 PM	07/24/07	07/29/07 2:22 PM
0707546-015A	07/20/07 12:50 PM	07/24/07	07/29/07 3:30 PM	0707546-016A	07/20/07 12:55 PM	07/24/07	07/29/07 1:13 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.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0707546

EPA Method SW8015C		Extraction SW3550C			BatchID: 29524			Spiked Sample ID: 0707546-017A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	ND	20	91.7	88.3	3.70	104	120	14.4	70 - 130	30	70 - 130	30
%SS:	116	50	103	101	1.77	128	130	1.81	70 - 130	30	70 - 130	30

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

BATCH 29524 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707546-017A	07/20/07 1:05 PM	07/24/07	07/29/07 12:05 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.

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Props	Date Sampled: 10/29/08-10/30/08
	Client Contact: Eric Syrstad	Date Received: 10/31/08
	Client P.O.:	Date Reported: 11/06/08
		Date Completed: 11/06/08

WorkOrder: 0810869

November 06, 2008

Dear Eric:

Enclosed within are:

- 1) The results of the **20** analyzed samples from your project: **#130105; Golden Empire Props**,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.



McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701

Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

0810869

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

GeoTracker EDF PDF Excel Write On (DW)
 Check if sample is effluent and "J" flag is required

Report To: Eric Systad Bill To: Eric Systad (CRA)
Company: Coronado Roads & Ass.
5900 Hollis St, Suite A
Emeryville, CA 94608 E-Mail: esystad@coronadroads.com
Tele: (510) 420-3317 Fax: (510) 420-9170
Project #: 130105 Project Name: Golden Empire Traps
Project Location: 3055 35th Ave., Oakland, CA
Sampler Signature: MLO wen

Analysis Request

Other

Comments

- BTEX & TPH as Gas (602 / 8021 + 8015)
- TPH as Diesel (8015)
- Total Petroleum Oil & Grease (1664 / 5530 E/B&F)
- Total Petroleum Hydrocarbons (418.1)
- EPA 502.2 / 601 / 8010 / 8021 (HVOCS)
- MTBE / BTEX ONLY (EPA 602 / 8021)
- EPA 505.605 / 608 / 801 (CI Pesticides)
- EPA 608 / 8081 PCB's ONLY; Aroclors / Congeners
- EPA 507 / 8141 (NP Pesticides)
- EPA 515 / 8151 (Acidic CI Herbicides)
- EPA 514.2 / 624 / 8260 (VOCs)
- EPA 525.2 / 625 / 8270 (SVOCs)
- EPA 8270 SEM / 8310 (PAHs / PNAs)
- CAMP Metals (200.7 / 200.8 / 6010 / 6020)
- LEAD 5 Metals (200.7 / 200.8 / 6010 / 6020)
- Lead (200.7 / 200.8 / 6010 / 6020)

MTBE, TAP5, D1P5, TEA, STOH
ED5, ETBE, EDC, B260

Filter Samples for Metals analysis: Yes / No

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				Analysis Request	Other	Comments	
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other				
B-18-5	B-18-5	10/29/08	14:22	1	hbc	X								X	X			
B-18-10	B-18-10	10/29/08	14:30	1		X								X	X			
B-18-12	B-18-12	10/29/08	14:45	1		X								X	X			
B-18-15	B-18-15	10/29/08	14:50	1		X								X	X			
B-18-20	B-18-20	10/29/08	15:15	1		X								X	X			
B-18-25	B-18-25	10/29/08	15:30	1		X								X	X			
B-18-30	B-18-30	10/29/08	15:45	1		X								X	X			
B-18-35	B-18-35	10/29/08	16:00	1		X								X	X			
B-18-40	B-18-40	10/29/08	16:10	1		X								X	X			
B-18-45	B-18-45	10/29/08	16:30	1	✓	X								X	X			

Relinquished By: [Signature] Date: 10/31/08 Time: 10:30 Received By: Emeryville Office
Relinquished By: [Signature] Date: 10/31/08 Time: 3:00 Received By: [Signature]
Relinquished By: [Signature] Date: 10/31/08 Time: 5:00 Received By: [Signature]

ICRA 7.75 COMMENTS:
GOOD CONDITION Yes
HEAD SPACE ABSENT Yes
DECHLORINATED IN LAB NA
APPROPRIATE CONTAINERS Yes
PRESERVED IN LAB NA
PRESERVATION VOAS O&G METALS OTHER
pH < 2

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0810869

ClientCode: CETE

WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag

Report to:

Eric Syrstad
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: esyrstad@croworld.com
cc:
PO:
ProjectNo: #130105; Golden Empire Props

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 10/31/2008

Date Printed: 10/31/2008

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	
0810869-001	B-18-5	Soil	10/29/2008 14:22	<input type="checkbox"/>	A	A	A	A									
0810869-002	B-18-10	Soil	10/29/2008 14:30	<input type="checkbox"/>	A	A		A									
0810869-003	B-18-12	Soil	10/29/2008 14:45	<input type="checkbox"/>	A	A		A									
0810869-004	B-18-15	Soil	10/29/2008 14:50	<input type="checkbox"/>	A	A		A									
0810869-005	B-18-20	Soil	10/29/2008 15:15	<input type="checkbox"/>	A	A		A									
0810869-006	B-18-25	Soil	10/29/2008 15:30	<input type="checkbox"/>	A	A		A									
0810869-007	B-18-30	Soil	10/29/2008 15:45	<input type="checkbox"/>	A	A		A									
0810869-008	B-18-35	Soil	10/29/2008 16:00	<input type="checkbox"/>	A	A		A									
0810869-009	B-18-40	Soil	10/29/2008 16:10	<input type="checkbox"/>	A	A		A									
0810869-010	B-18-45	Soil	10/29/2008 16:30	<input type="checkbox"/>	A	A		A									
0810869-011	B-20-5	Soil	10/30/2008 11:35	<input checked="" type="checkbox"/>	A	A		A									
0810869-012	B-20-7.5	Soil	10/30/2008 13:42	<input type="checkbox"/>	A	A		A									
0810869-013	B-20-9.5	Soil	10/30/2008 13:51	<input type="checkbox"/>	A	A		A									
0810869-014	B-20-11	Soil	10/30/2008 14:00	<input type="checkbox"/>	A	A		A									

Test Legend:

1	8260VOC_S	2	G-MBTEX_S	3	PREFD REPORT	4	TPH(D)_S	5	
6		7		8		9		10	
11		12							

Prepared by: Samantha Arbuckle

Comments:

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

McCampbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0810869

ClientCode: CETE

WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag

Report to:

Eric Syrstad
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: esyrstad@craworld.com
cc:
PO:
ProjectNo: #130105; Golden Empire Props

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 10/31/2008

Date Printed: 10/31/2008

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
0810869-015	B-20-15	Soil	10/30/2008 14:13	<input type="checkbox"/>	A	A		A								
0810869-016	B-20-19.5	Soil	10/30/2008 14:33	<input type="checkbox"/>	A	A		A								
0810869-017	B-20-24.5	Soil	10/30/2008 15:00	<input type="checkbox"/>	A	A		A								
0810869-018	B-20-29.5	Soil	10/30/2008 15:45	<input type="checkbox"/>	A	A		A								
0810869-019	B-20-35	Soil	10/30/2008 16:06	<input type="checkbox"/>	A	A		A								
0810869-020	B-20-40	Soil	10/30/2008 16:23	<input type="checkbox"/>	A	A		A								
0810869-021	B-20-44.5	Soil	10/30/2008 16:33	<input type="checkbox"/>	A	A		A								

Test Legend:

1	8260VOC_S	2	G-MBTEX_S	3	PREF REPORT	4	TPH(D)_S	5	
6		7		8		9		10	
11		12							

Prepared by: Samantha Arbuckle

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.



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**

Date and Time Received: **10/31/2008 6:17:11 PM**

Project Name: **#130105; Golden Empire Props**

Checklist completed and reviewed by: **Samantha Arbuckle**

WorkOrder N°: **0810869** Matrix Soil

Carrier: Rob Pringle (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: 4.7°C NA
- Water - VOA vials have zero headspace / no bubbles? Yes No No VOA vials submitted
- Sample labels checked for correct preservation? Yes No
- TTLIC 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.

Client contacted:

Date contacted:

Contacted by:

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Props	Date Sampled: 10/29/08-10/30/08
	Client Contact: Eric Syrstad	Date Received: 10/31/08
	Client P.O.:	Date Analyzed: 11/03/08-11/04/08
		Date Extracted: 10/31/08

Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0810869

Lab ID	0810869-001A	0810869-002A	0810869-003A	0810869-004A	Reporting Limit for DF =1	
Client ID	B-18-5	B-18-10	B-18-12	B-18-15		
Matrix	S	S	S	S		
DF	1	1	20	20		

Compound	Concentration				mg/Kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND<0.10	ND<0.10	0.005
t-Butyl alcohol (TBA)	ND	ND	ND<1.0	ND<1.0	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND<0.080	ND<0.080	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND<0.080	ND<0.080	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND<0.10	ND<0.10	0.005	NA
Ethanol	ND	ND	ND<10	ND<10	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND<0.10	ND<0.10	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND<0.10	ND<0.10	0.005	NA

Surrogate Recoveries (%)

%SS1:	99	102	98	91	
Comments			a3	a3	

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

a3) sample diluted due to high organic content

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Props	Date Sampled: 10/29/08-10/30/08
	Client Contact: Eric Syrstad	Date Received: 10/31/08
	Client P.O.:	Date Analyzed: 11/03/08-11/04/08

Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0810869

Lab ID	0810869-005A	0810869-006A	0810869-007A	0810869-008A	Reporting Limit for DF =1	
Client ID	B-18-20	B-18-25	B-18-30	B-18-35		
Matrix	S	S	S	S		
DF	10	1	1	I		

Compound	Concentration				mg/Kg	ug/L
	tert-Amyl methyl ether (TAME)	ND<0.050	ND	ND	ND	0.005
t-Butyl alcohol (TBA)	ND<0.50	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND<0.040	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND<0.040	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND<0.050	ND	ND	ND	0.005	NA
Ethanol	ND<5.0	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND<0.050	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND<0.050	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	97	93	98	99	
Comments	a3				

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

a3) sample diluted due to high organic content

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Props	Date Sampled: 10/29/08-10/30/08
	Client Contact: Eric Syrstad	Date Received: 10/31/08
	Client P.O.:	Date Analyzed: 11/03/08-11/04/08

Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0810869

Lab ID	0810869-009A	0810869-010A	0810869-012A	0810869-013A	Reporting Limit for DF =1	
Client ID	B-18-40	B-18-45	B-20-7.5	B-20-9.5		
Matrix	S	S	S	S		
DF	1	1	10	20		

Compound	Concentration				mg/Kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND<0.050	ND<0.10	0.005
t-Butyl alcohol (TBA)	ND	ND	ND<0.50	ND<1.0	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND<0.040	ND<0.080	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND<0.040	ND<0.080	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND<0.050	ND<0.10	0.005	NA
Ethanol	ND	ND	ND<5.0	ND<10	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND<0.050	ND<0.10	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND<0.050	ND<0.10	0.005	NA

Surrogate Recoveries (%)

%SS1:	98	99	93	99	
Comments			a3	a3	

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

a3) sample diluted due to high organic content

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Props	Date Sampled: 10/29/08-10/30/08
	Client Contact: Eric Syrstad	Date Received: 10/31/08
	Client P.O.:	Date Extracted: 10/31/08
		Date Analyzed: 11/03/08-11/04/08

Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0810869

Lab ID	0810869-014A	0810869-015A	0810869-016A	0810869-017A	Reporting Limit for DF =1	
Client ID	B-20-11	B-20-15	B-20-19.5	B-20-24.5		
Matrix	S	S	S	S		
DF	20	1	2	1		

Compound	Concentration				mg/Kg	ug/L
	tert-Amyl methyl ether (TAME)	ND<0.10	ND	ND<0.010	ND	0.005
t-Butyl alcohol (TBA)	ND<1.0	ND	ND<0.10	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND<0.080	ND	ND<0.0080	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND<0.080	ND	ND<0.0080	ND	0.004	NA
Diisopropyl ether (DIPE)	ND<0.10	ND	ND<0.010	ND	0.005	NA
Ethanol	ND<10	ND	ND<1.0	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND<0.10	ND	ND<0.010	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND<0.10	ND	ND<0.010	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	98	94	89	100	
Comments	a3		a3		

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

a3) sample diluted due to high organic content

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Props	Date Sampled: 10/29/08-10/30/08
	Client Contact: Eric Syrstad	Date Received: 10/31/08
	Client P.O.:	Date Analyzed: 11/03/08-11/04/08

Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0810869

Lab ID	0810869-018A	0810869-019A	0810869-020A	0810869-021A	Reporting Limit for DF =1	
Client ID	B-20-29.5	B-20-35	B-20-40	B-20-44.5		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/Kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	101	100	100	99	
-------	-----	-----	-----	----	--

Comments

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

a3) sample diluted due to high organic content



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701

Web: www.mcccampbell.com E-mail: main@mcccampbell.com

Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Props	Date Sampled: 10/29/08-10/30/08
	Client Contact: Eric Syrstad	Date Received: 10/31/08
	Client P.O.:	Date Analyzed: 11/01/08-11/04/08

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0810869

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-18-5	S	ND	---	ND	ND	ND	ND	1	102
002A	B-18-10	S	3.8,d7	---	ND	ND	ND	0.023	1	94
003A	B-18-12	S	700,d2,d7	---	ND<1.0	1.2	ND<1.0	38	200	127
004A	B-18-15	S	1000,d1	---	6.1	4.3	11	53	1	105
005A	B-18-20	S	160,d1	---	1.5	0.50	2.0	9.7	20	122
006A	B-18-25	S	ND	---	ND	ND	ND	ND	1	101
007A	B-18-30	S	ND	---	ND	ND	ND	ND	1	111
008A	B-18-35	S	ND	---	ND	ND	ND	ND	1	83
009A	B-18-40	S	ND	---	ND	ND	ND	ND	1	87
010A	B-18-45	S	ND	---	0.0063	ND	ND	ND	1	92
012A	B-20-7.5	S	240,d1	---	0.090	0.058	1.4	0.94	10	106
013A	B-20-9.5	S	590,d1	---	0.68	0.22	4.9	2.9	33	122
014A	B-20-11	S	1100,d2,d7	---	1.3	1.5	10	10	200	110
015A	B-20-15	S	100,d1	---	0.39	0.13	0.52	0.25	10	113
016A	B-20-19.5	S	54,d1	---	0.35	ND<0.017	0.11	0.068	3.3	84
017A	B-20-24.5	S	ND	---	ND	ND	ND	ND	1	86

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

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

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

- d1) weakly modified or unmodified gasoline is significant
- d2) heavier gasoline range compounds are significant (aged gasoline?)
- d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Props	Date Sampled: 10/29/08-10/30/08
	Client Contact: Eric Syrstad	Date Received: 10/31/08
	Client P.O.:	Date Analyzed: 11/01/08-11/04/08

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0810869

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
018A	B-20-29.5	S	ND	---	ND	ND	ND	ND	1	89
019A	B-20-35	S	ND	---	ND	ND	ND	ND	1	87
020A	B-20-40	S	ND	---	ND	ND	ND	ND	1	85
021A	B-20-44.5	S	ND	---	ND	ND	ND	ND	1	79

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

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

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

d1) weakly modified or unmodified gasoline is significant
d2) heavier gasoline range compounds are significant (aged gasoline?)
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Props	Date Sampled: 10/29/08-10/30/08
	Client Contact: Eric Syrstad	Date Received: 10/31/08
	Client P.O.:	Date Analyzed: 11/03/08-11/04/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3550C

Analytical methods: SW8015B

Work Order: 0810869

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0810869-001A	B-18-5	S	ND	1	115
0810869-002A	B-18-10	S	4.6,e2	1	117
0810869-003A	B-18-12	S	250,e4	1	119
0810869-004A	B-18-15	S	190,e4	1	119
0810869-005A	B-18-20	S	54,e4	1	117
0810869-006A	B-18-25	S	ND	1	116
0810869-007A	B-18-30	S	ND	1	117
0810869-008A	B-18-35	S	ND	1	117
0810869-009A	B-18-40	S	ND	1	116
0810869-010A	B-18-45	S	ND	1	116
0810869-012A	B-20-7.5	S	63,e11	1	117
0810869-013A	B-20-9.5	S	170,e11	1	118
0810869-014A	B-20-11	S	370,e11	1	116
0810869-015A	B-20-15	S	23,e11	1	120
0810869-016A	B-20-19.5	S	25,e11	1	117

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	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.

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

- e2) diesel range compounds are significant; no recognizable pattern
- e4) gasoline range compounds are significant.
- e11) stoddard solvent/mineral spirit



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Props	Date Sampled: 10/29/08-10/30/08
	Client Contact: Eric Syrstad	Date Received: 10/31/08
	Client P.O.:	Date Extracted: 10/31/08
		Date Analyzed 11/03/08-11/04/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3550C

Analytical methods: SW8015B

Work Order: 0810869

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0810869-017A	B-20-24.5	S	ND	1	116
0810869-018A	B-20-29.5	S	ND	1	111
0810869-019A	B-20-35	S	ND	1	114
0810869-020A	B-20-40	S	ND	1	114
0810869-021A	B-20-44.5	S	ND	1	114

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	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.

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

e2) diesel range compounds are significant; no recognizable pattern
 e4) gasoline range compounds are significant.
 e11) stoddard solvent/mineral spirit



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39293

WorkOrder: 0810869

EPA Method: SW8260B			Extraction: SW5030B						Spiked Sample ID: 0810835-001A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	88.2	92.6	4.92	86.6	85.4	1.42	60 - 130	30	60 - 130	30
Benzene	ND	0.050	102	110	7.62	105	105	0	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	89	89.4	0.378	90.4	86.3	4.60	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	102	110	7.72	105	105	0	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	92.9	100	7.38	99.9	100	0.521	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	93.4	98.2	5.01	97.3	104	6.73	60 - 130	30	60 - 130	30
1,1-Dichloroethene	ND	0.050	83.8	90.6	7.82	87.2	87.1	0.171	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	92.7	98.1	5.67	90.4	89.3	1.23	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	101	105	4.37	99.8	98.7	1.05	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	86.7	89.4	3.07	86.5	86.2	0.335	60 - 130	30	60 - 130	30
Toluene	ND	0.050	110	121	9.23	120	122	1.65	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	103	114	10.1	113	112	1.05	60 - 130	30	60 - 130	30
%SS1:	98	0.12	89	89	0	94	93	1.40	70 - 130	30	70 - 130	30

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

BATCH 39293 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810869-001A	10/29/08 2:22 PM	10/31/08	11/03/08 9:00 PM	0810869-002A	10/29/08 2:30 PM	10/31/08	11/04/08 3:09 AM
0810869-003A	10/29/08 2:45 PM	10/31/08	11/04/08 3:24 PM	0810869-004A	10/29/08 2:50 PM	10/31/08	11/04/08 4:02 PM
0810869-005A	10/29/08 3:15 PM	10/31/08	11/04/08 4:40 PM	0810869-006A	10/29/08 3:30 PM	10/31/08	11/04/08 5:45 AM
0810869-007A	10/29/08 3:45 PM	10/31/08	11/03/08 9:42 PM	0810869-008A	10/29/08 4:00 PM	10/31/08	11/03/08 10:30 PM
0810869-009A	10/29/08 4:10 PM	10/31/08	11/03/08 11:13 PM	0810869-010A	10/29/08 4:30 PM	10/31/08	11/03/08 11:55 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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39297

WorkOrder: 0810869

EPA Method: SW8260B

Extraction: SW5030B

Spiked Sample ID: 0810837-001A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	88.1	88.9	0.862	94.3	90.7	3.90	60 - 130	30	60 - 130	30
Benzene	ND	0.050	103	105	2.31	110	108	2.30	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	101	101	0	99.4	96.1	3.39	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	103	105	1.75	107	112	3.81	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	93.8	96.5	2.78	101	107	5.69	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	100	101	1.06	114	102	11.0	60 - 130	30	60 - 130	30
1,1-Dichloroethene	ND	0.050	77.7	79.6	2.43	96.8	98	1.27	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	97	98.2	1.21	100	94.2	6.38	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	105	106	0.465	112	107	4.09	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	90.8	90.5	0.292	96	93.7	2.48	60 - 130	30	60 - 130	30
Toluene	ND	0.050	117	121	3.52	126	130	2.82	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	103	105	2.43	111	117	5.25	60 - 130	30	60 - 130	30
%SS1:	95	0.12	97	95	1.97	97	96	1.49	70 - 130	30	70 - 130	30

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

BATCH 39297 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810869-012A	10/30/08 1:42 PM	10/31/08	11/04/08 5:18 PM	0810869-013A	10/30/08 1:51 PM	10/31/08	11/04/08 2:29 PM
0810869-014A	10/30/08 2:00 PM	10/31/08	11/04/08 3:12 PM	0810869-015A	10/30/08 2:13 PM	10/31/08	11/04/08 2:03 AM
0810869-016A	10/30/08 2:33 PM	10/31/08	11/04/08 5:57 PM	0810869-017A	10/30/08 3:00 PM	10/31/08	11/04/08 2:45 AM
0810869-018A	10/30/08 3:45 PM	10/31/08	11/04/08 3:28 AM	0810869-019A	10/30/08 4:06 PM	10/31/08	11/04/08 4:11 AM
0810869-020A	10/30/08 4:23 PM	10/31/08	11/04/08 4:53 AM	0810869-021A	10/30/08 4:33 PM	10/31/08	11/04/08 5:36 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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.



QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39338

WorkOrder 0810869

EPA Method SW8015B		Extraction SW3550C							Spiked Sample ID: 0810869-002A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	4.6	20	86.3	86.6	0.266	101	101	0	70 - 130	30	70 - 130	30
%SS:	117	50	111	113	1.59	113	118	3.65	70 - 130	30	70 - 130	30

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

BATCH 39338 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810869-001A	10/29/08 2:22 PM	10/31/08	11/03/08 4:42 PM	0810869-002A	10/29/08 2:30 PM	10/31/08	11/03/08 5:49 PM
0810869-003A	10/29/08 2:45 PM	10/31/08	11/03/08 6:56 PM	0810869-004A	10/29/08 2:50 PM	10/31/08	11/03/08 8:02 PM
0810869-005A	10/29/08 3:15 PM	10/31/08	11/03/08 9:09 PM	0810869-006A	10/29/08 3:30 PM	10/31/08	11/03/08 10:15 PM
0810869-007A	10/29/08 3:45 PM	10/31/08	11/04/08 1:34 AM	0810869-008A	10/29/08 4:00 PM	10/31/08	11/04/08 2:40 AM
0810869-009A	10/29/08 4:10 PM	10/31/08	11/04/08 3:46 AM	0810869-010A	10/29/08 4:30 PM	10/31/08	11/04/08 4:52 AM
0810869-012A	10/30/08 1:42 PM	10/31/08	11/04/08 5:58 AM	0810869-013A	10/30/08 1:51 PM	10/31/08	11/04/08 7:04 AM
0810869-014A	10/30/08 2:00 PM	10/31/08	11/04/08 8:10 AM	0810869-015A	10/30/08 2:13 PM	10/31/08	11/03/08 7:31 PM
0810869-016A	10/30/08 2:33 PM	10/31/08	11/03/08 8:39 PM	0810869-017A	10/30/08 3:00 PM	10/31/08	11/04/08 9:17 AM
0810869-018A	10/30/08 3:45 PM	10/31/08	11/04/08 12:56 PM	0810869-019A	10/30/08 4:06 PM	10/31/08	11/04/08 4:38 AM
0810869-020A	10/30/08 4:23 PM	10/31/08	11/04/08 5:46 AM	0810869-021A	10/30/08 4:33 PM	10/31/08	11/04/08 6:54 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.

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/31/08
		Date Received: 11/03/08
	Client Contact: Mark Jonas	Date Reported: 11/10/08
	Client P.O.:	Date Completed: 11/10/08

WorkOrder: 0811051

November 10, 2008

Dear Mark:

Enclosed within are:

- 1) The results of the 12 analyzed samples from your project: **#130105; Golden Empire Properties**,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

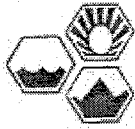
All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.



McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701

Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

0811051

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

GeoTracker EDF PDF Excel Write On (DW)

Check if sample is effluent and "J" flag is required

Report To: CRA - Bill To: CRA
Company: Conestoga-Rovers & Associates (CRA)
5900 Hollis Street, Ste A, Emeryville, CA 94608
E-Mail: MSONAS@CRAworld.com CC: B.Fony@CRAworld.com
Tele: 510-420-0700 Fax: (510) 420-9170
Project #: 130105 Project Name: Golden Empire Properties
Project Location: 3055 35th Ave, Oakland, CA
Sampler Signature: *Bryan A. [Signature]*

Analysis Request		Other	Comments
<input checked="" type="checkbox"/> BTEX & TPH as Gas (502 / 802.1 + 801.5) / MTBE			Filter Samples for Metals analysis: Yes / No
<input checked="" type="checkbox"/> TPH as Diesel (801.5)			
<input checked="" type="checkbox"/> Total Petroleum Oil & Grease (1664 / 3510 E/R&P)			
<input checked="" type="checkbox"/> Total Petroleum Hydrocarbons (418.4)			
<input checked="" type="checkbox"/> EPA 502.2 / 601 / 8010 / 8021 (SVOCs)			
<input checked="" type="checkbox"/> MTBE / BTEX ONLY (EPA 602 / 8021)			
<input checked="" type="checkbox"/> EPA 505 / 608 / 8081 (CI Pesticides)			
<input checked="" type="checkbox"/> EPA 606 / 8082 PCB's ONLY; Aroclors / Congeners			
<input checked="" type="checkbox"/> EPA 507 / 8141 (NP Pesticides)			
<input checked="" type="checkbox"/> EPA 515 / 8151 (Acidic CI Herbicides)			
<input checked="" type="checkbox"/> EPA 514.2 / 624 / 8260 (VOCs)			
<input checked="" type="checkbox"/> EPA 525.2 / 625 / 8270 (SVOCs)			
<input checked="" type="checkbox"/> EPA 8270 SIM / 8310 (PAHs / PNAs)			
<input checked="" type="checkbox"/> CAM 17 Metals (200.7 / 200.8 / 6010 / 6030)			
<input checked="" type="checkbox"/> LEPT 5 Metals (200.7 / 200.8 / 6010 / 6020)			
<input checked="" type="checkbox"/> Lead (200.7 / 200.8 / 6010 / 6020)			
<input checked="" type="checkbox"/> MTBE, TANG, DIPE, TPA, BTOH <input checked="" type="checkbox"/> STP, EDC, BDC, B262 Down Zone gravity separation			

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX				METHOD PRESERVED									
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other					
B-19-5		10/31/08	10:36	1	tube	X				X									
B-19-10			10:48	1	tube	X				X									
B-19-13			11:09	1	tube	X				X									
B-19-15			11:13	1	tube	X				X									
B-19-17			11:22	1	tube	X				X									
B-19-20			11:34	1	tube	X				X									
B-19-25			11:56	1	tube	X				X									
B-19-30			12:24	1	tube	X				X									
B-19-35			12:48	1	tube	X				X									
B-19-40			13:00	1	tube	X				X									
B-19-44.5			13:16	1	tube	X				X									
B-18A-30			14:10	2	VOA	X				X	X								
B-18A-30			14:10	3	VOA	X				X	X								
B-18A-30			14:10	1	1-Like small	X				X									

Disturbed

Relinquished By: *Bryan A. [Signature]* Date: 10/31/08 Time: 19:00 Received By: *Emergville office*
 Relinquished By: *[Signature]* Date: 11/3/08 Time: 12:45 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date: 11/3/08 Time: 12:00 Received By: *[Signature]*

COMMENTS:
 ICE/C 3.200
 GOOD CONDITION YES
 HEAD SPACE ABSENT
 DECHLORINATED IN LAB NO
 APPROPRIATE CONTAINERS YES
 PRESERVED IN LAB
 PRESERVATION VOAS O&G METALS OTHER
 pH < 2

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0811051

ClientCode: CETE

WriteOn

EDF

Excel

Fax

Email

HardCopy

ThirdParty

J-flag

Report to:

Mark Jonas
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: mjonas@CRAworld.com
cc: bfong@croworld.com
PO:
ProjectNo: #130105; Golden Empire Properties

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 11/03/2008

Date Printed: 11/03/2008

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
0811051-001	B-19-5	Soil	10/31/2008 10:36	<input type="checkbox"/>	A		A		A	A						
0811051-002	B-19-10	Soil	10/31/2008 10:48	<input type="checkbox"/>	A		A			A						
0811051-003	B-19-13	Soil	10/31/2008 11:09	<input type="checkbox"/>	A		A			A						
0811051-004	B-19-15	Soil	10/31/2008 11:13	<input type="checkbox"/>	A		A			A						
0811051-005	B-19-17	Soil	10/31/2008 11:22	<input type="checkbox"/>	A		A			A						
0811051-006	B-19-20	Soil	10/31/2008 11:34	<input type="checkbox"/>	A		A			A						
0811051-007	B-19-25	Soil	10/31/2008 11:56	<input type="checkbox"/>	A		A			A						
0811051-008	B-19-30	Soil	10/31/2008 12:24	<input type="checkbox"/>	A		A			A						
0811051-009	B-19-35	Soil	10/31/2008 12:48	<input type="checkbox"/>	A		A			A						
0811051-010	B-19-40	Soil	10/31/2008 13:00	<input type="checkbox"/>	A		A			A						
0811051-011	B-19-44.5	Soil	10/31/2008 13:16	<input type="checkbox"/>	A		A			A						
0811051-012	B-18A-30	Water	10/31/2008 14:10	<input type="checkbox"/>		C		B			A					

Test Legend:

1	8260VOC_S
6	TPH(D)_S
11	

2	8260VOC_W
7	TPH(DMO)-DZ_W
12	

3	G-MBTX_S
8	

4	G-MBTX_W
9	

5	PREF REPORT
10	

Prepared by: Samantha Arbuckle

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.



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Project Name: **#130105; Golden Empire Properties**
WorkOrder N°: **0811051** Matrix Soil/Water

Date and Time Received: **11/3/2008 8:00:24 PM**
Checklist completed and reviewed by: **Samantha Arbuckle**
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 3.2°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLIC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

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

Client contacted: _____ Date contacted: _____ Contacted by: _____

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/31/08
	Client Contact: Mark Jonas	Date Received: 11/03/08
	Client P.O.:	Date Analyzed 11/04/08-11/05/08
		Date Extracted: 11/03/08

Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811051

Lab ID	0811051-001A	0811051-002A	0811051-003A	0811051-004A	Reporting Limit for DF =1	
Client ID	B-19-5	B-19-10	B-19-13	B-19-15		
Matrix	S	S	S	S		
DF	1	1	1	20	S	W

Compound	Concentration				mg/Kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND<0.10	0.005	NA
t-Butyl alcohol (TBA)	ND	ND	ND	ND<1.0	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND<0.080	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND<0.080	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND<0.10	0.005	NA
Ethanol	ND	ND	ND	ND<10	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND<0.10	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND<0.10	0.005	NA

Surrogate Recoveries (%)

%SS1:	95	97	94	99	
%SS2:	89	94	94	103	
%SS3:	88	81	---#	---#	

Comments				a3	
----------	--	--	--	----	--

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

a3) sample diluted due to high organic content



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/31/08
	Client Contact: Mark Jonas	Date Received: 11/03/08
	Client P.O.:	Date Analyzed 11/04/08-11/05/08
		Date Extracted: 11/03/08

Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811051

Lab ID	0811051-005A	0811051-006A	0811051-007A	0811051-008A	Reporting Limit for DF =1	
Client ID	B-19-17	B-19-20	B-19-25	B-19-30		
Matrix	S	S	S	S		
DF	20	1	1	1		

Compound	Concentration				mg/Kg	ug/L
tert-Amyl methyl ether (TAME)	ND<0.10	ND	ND	ND	0.005	NA
t-Butyl alcohol (TBA)	ND<1.0	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND<0.080	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND<0.080	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND<0.10	ND	ND	ND	0.005	NA
Ethanol	ND<10	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND<0.10	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND<0.10	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	96	95	99	101	
%SS2:	110	98	93	95	
%SS3:	---#	82	93	90	

Comments	a3				
----------	----	--	--	--	--

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

a3) sample diluted due to high organic content

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/31/08
	Client Contact: Mark Jonas	Date Received: 11/03/08
	Client P.O.:	Date Analyzed 11/04/08-11/05/08

Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811051

Lab ID	0811051-009A	0811051-010A	0811051-011A		Reporting Limit for DF =1	
Client ID	B-19-35	B-19-40	B-19-44.5			
Matrix	S	S	S			
DF	1	1	1			

Compound	Concentration				mg/Kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND		0.005
t-Butyl alcohol (TBA)	ND	ND	ND		0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND		0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND		0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND		0.005	NA
Ethanol	ND	ND	ND		0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND		0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND		0.005	NA

Surrogate Recoveries (%)

%SS1:	97	99	98		
%SS2:	91	94	93		
%SS3:	83	87	85		

Comments					
----------	--	--	--	--	--

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

a3) sample diluted due to high organic content



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/31/08
	Client Contact: Mark Jonas	Date Received: 11/03/08
	Client P.O.:	Date Analyzed: 11/06/08
		Date Extracted: 11/06/08

Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811051

Lab ID	0811051-012C				Reporting Limit for DF =1	
Client ID	B-18A-30					
Matrix	W					
DF	1				S	W

Compound	Concentration				ug/kg	ug/L
tert-Amyl methyl ether (TAME)	ND				NA	0.5
t-Butyl alcohol (TBA)	2.3				NA	2.0
1,2-Dibromoethane (EDB)	ND				NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND				NA	0.5
Diisopropyl ether (DIPE)	ND				NA	0.5
Ethanol	ND				NA	50
Ethyl tert-butyl ether (ETBE)	ND				NA	0.5
Methyl-t-butyl ether (MTBE)	7.0				NA	0.5

Surrogate Recoveries (%)

%SS1:	101			
%SS2:	80			
%SS3:	82			

Comments

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/31/08
		Date Received: 11/03/08
	Client Contact: Mark Jonas	Date Extracted: 11/03/08-11/06/08
	Client P.O.:	Date Analyzed 11/05/08-11/06/08

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0811051

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-19-5	S	ND	ND	ND	ND	ND	ND	1	91
002A	B-19-10	S	ND	ND	ND	ND	ND	ND	1	95
003A	B-19-13	S	150,d7,d9	ND<0.50	ND<0.050	0.23	0.17	0.39	10	101
004A	B-19-15	S	1800,d1	1.4	3.5	4.9	20	2.6	20	---#
005A	B-19-17	S	3100,d1	ND<5.0	7.1	4.3	34	58	100	127
006A	B-19-20	S	88,d1	ND<0.1	0.30	0.15	0.93	0.61	1	104
007A	B-19-25	S	ND	ND	ND	ND	ND	ND	1	92
008A	B-19-30	S	ND	ND	ND	ND	ND	ND	1	91
009A	B-19-35	S	ND	ND	ND	ND	ND	ND	1	95
010A	B-19-40	S	ND	ND	ND	ND	ND	ND	1	87
011A	B-19-44.5	S	ND	ND	ND	ND	ND	ND	1	104
012B	B-18A-30	W	380,d1	ND<10	23	2.6	5.9	54	1	100

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5	0.5	0.5	0.5	0.5	0.5	µg/L
	S	1	0.05	0.005	0.005	0.005	0.005	0.005	mg/Kg

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

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

d1) weakly modified or unmodified gasoline is significant
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/31/08
	Client Contact: Mark Jonas	Date Received: 11/03/08
	Client P.O.:	Date Analyzed 11/04/08-11/06/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3550C

Analytical methods: SW8015B

Work Order: 0811051

Lab ID	Client ID	Matrix	TPH-Diescl (C10-C23)	DF	% SS
0811051-001A	B-19-5	S	ND	1	112
0811051-002A	B-19-10	S	ND	1	110
0811051-003A	B-19-13	S	48,e11	1	112
0811051-004A	B-19-15	S	240,e4	1	112
0811051-005A	B-19-17	S	430,e4	1	111
0811051-006A	B-19-20	S	5.4,e11	1	96
0811051-007A	B-19-25	S	ND	1	111
0811051-008A	B-19-30	S	ND	1	113
0811051-009A	B-19-35	S	ND	1	112
0811051-010A	B-19-40	S	ND	1	112
0811051-011A	B-19-44.5	S	ND	1	112

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	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.

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

e4) gasoline range compounds are significant.

e11) stoddard solvent/mineral spirit



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/31/08
	Client Contact: Mark Jonas	Date Received: 11/03/08
	Client P.O.:	Date Extracted: 11/03/08
		Date Analyzed: 11/07/08

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3510C/Dawn Zemo Separation

Analytical methods: SW8015B

Work Order: 0811051

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0811051-012A	B-18A-30	W	350,e4	1	98

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

* 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; &) low or no surrogate due to matrix interference.

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

e4) gasoline range compounds are significant.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39391

WorkOrder 0811051

EPA Method SW8260B	Extraction SW5030B								Spiked Sample ID: 0811051-001A			
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	88.9	95.9	7.62	93.8	89.1	5.15	60 - 130	30	60 - 130	30
Benzene	ND	0.050	94.6	106	10.6	110	109	0.762	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	92.5	94.1	1.73	96.8	89	8.35	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	104	114	8.91	110	108	1.36	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	96	105	8.53	101	96.9	4.48	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	93.3	102	8.53	100	96.3	4.02	60 - 130	30	60 - 130	30
1,1-Dichloroethene	ND	0.050	84.7	96	12.4	95.8	90.6	5.59	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	93.1	102	8.72	99	95.6	3.48	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	101	110	7.83	108	103	4.71	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	87.1	94.4	8.00	94.7	88.3	6.99	60 - 130	30	60 - 130	30
Toluene	ND	0.050	113	126	10.9	119	118	0.970	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	106	118	11.2	114	112	2.45	60 - 130	30	60 - 130	30
%SS1:	95	0.12	88	89	0.568	90	89	1.00	70 - 130	30	70 - 130	30
%SS2:	89	0.12	84	85	1.20	84	85	0.926	70 - 130	30	70 - 130	30
%SS3:	88	0.012	99	95	4.19	96	95	1.43	70 - 130	30	70 - 130	30

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

BATCH 39391 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811051-001A	10/31/08 10:36 AM	11/03/08	11/04/08 9:23 PM	0811051-002A	10/31/08 10:48 AM	11/03/08	11/05/08 12:18 AM
0811051-003A	10/31/08 11:09 AM	11/03/08	11/05/08 1:01 AM	0811051-004A	10/31/08 11:13 AM	11/03/08	11/05/08 1:43 AM
0811051-005A	10/31/08 11:22 AM	11/03/08	11/05/08 2:26 AM	0811051-006A	10/31/08 11:34 AM	11/03/08	11/05/08 3:09 AM
0811051-007A	10/31/08 11:56 AM	11/03/08	11/05/08 3:51 AM	0811051-008A	10/31/08 12:24 PM	11/03/08	11/05/08 4:34 AM
0811051-009A	10/31/08 12:48 PM	11/03/08	11/05/08 8:09 PM	0811051-010A	10/31/08 1:00 PM	11/03/08	11/05/08 5:16 AM
0811051-011A	10/31/08 1:16 PM	11/03/08	11/05/08 5:59 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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.

JR
QA/QC Officer



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39360

WorkOrder: 0811051

EPA Method: SW8260B		Extraction: SW5030B							Spiked Sample ID: 0811024-001A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND<1.7	10	99	116	15.4	109	116	5.93	70 - 130	30	70 - 130	30
Benzene	ND<1.7	10	102	115	12.1	111	115	2.74	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND<6.7	50	91.4	112	20.0	95.6	104	8.52	70 - 130	30	70 - 130	30
Chlorobenzene	62	10	NR	NR	NR	111	114	2.26	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND<1.7	10	105	125	17.1	114	118	3.48	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND<1.7	10	103	116	12.2	121	122	0.742	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND<1.7	10	78.9	91.6	14.8	90.1	93.1	3.26	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND<1.7	10	92.7	107	14.6	109	111	1.83	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND<1.7	10	105	120	14.0	122	125	2.40	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND<1.7	10	90	104	14.2	104	107	2.87	70 - 130	30	70 - 130	30
Toluene	ND<1.7	10	103	117	12.6	122	124	1.09	70 - 130	30	70 - 130	30
Trichloroethene	ND<1.7	10	108	123	13.3	116	119	3.03	70 - 130	30	70 - 130	30
%SS1:	106	25	102	102	0	98	99	0.936	70 - 130	30	70 - 130	30
%SS2:	94	25	88	87	1.29	88	89	0.586	70 - 130	30	70 - 130	30
%SS3:	97	2.5	83	83	0	83	80	4.69	70 - 130	30	70 - 130	30

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

BATCH 39360 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811051-012C	10/31/08 2:10 PM	11/06/08	11/06/08 3:39 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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39345

WorkOrder 0811051

Analyte	Extraction SW5030B								Spiked Sample ID: 0811023-002A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	0.60	104	108	3.64	94.9	96.8	2.03	70 - 130	20	70 - 130	20
MTBE	ND	0.10	100	108	7.48	108	111	3.16	70 - 130	20	70 - 130	20
Benzene	ND	0.10	99.4	99.3	0.0706	91.5	92	0.549	70 - 130	20	70 - 130	20
Toluene	ND	0.10	88.2	89.1	1.05	100	101	0.385	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	97.8	99.1	1.33	98.5	98.8	0.307	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	93	95.8	2.98	108	107	0.861	70 - 130	20	70 - 130	20
%SS:	92	0.10	99	96	2.86	86	93	8.36	70 - 130	20	70 - 130	20

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

BATCH 39345 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811051-001A	10/31/08 10:36 AM	11/03/08	11/05/08 2:16 AM	0811051-002A	10/31/08 10:48 AM	11/03/08	11/05/08 2:46 AM
0811051-003A	10/31/08 11:09 AM	11/03/08	11/06/08 1:12 AM	0811051-004A	10/31/08 11:13 AM	11/03/08	11/05/08 5:35 PM
0811051-005A	10/31/08 11:22 AM	11/03/08	11/06/08 1:42 AM	0811051-006A	10/31/08 11:34 AM	11/03/08	11/05/08 5:45 AM
0811051-007A	10/31/08 11:56 AM	11/03/08	11/05/08 6:14 AM	0811051-008A	10/31/08 12:24 PM	11/03/08	11/05/08 6:44 AM
0811051-009A	10/31/08 12:48 PM	11/03/08	11/05/08 8:13 AM	0811051-010A	10/31/08 1:00 PM	11/03/08	11/05/08 12:33 PM
0811051-011A	10/31/08 1:16 PM	11/03/08	11/05/08 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.

f 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39369

WorkOrder: 0811051

EPA Method: SW8021B/8015Cm

Extraction: SW5030B

Spiked Sample ID: 0811055-001A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	60	108	115	6.40	96.6	96	0.578	70 - 130	20	70 - 130	20
MTBE	ND	10	93.8	99.6	5.99	102	103	0.941	70 - 130	20	70 - 130	20
Benzene	ND	10	112	111	1.02	98.9	97.7	1.18	70 - 130	20	70 - 130	20
Toluene	ND	10	110	118	7.85	98	96.5	1.52	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	114	112	1.48	102	101	0.614	70 - 130	20	70 - 130	20
Xylenes	ND	30	110	110	0	112	112	0	70 - 130	20	70 - 130	20
%SS:	95	10	97	99	2.56	98	95	3.09	70 - 130	20	70 - 130	20

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

BATCH 39369 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811051-012B	10/31/08 2:10 PM	11/06/08	11/06/08 8:49 AM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39291

WorkOrder: 0811051

EPA Method: SW8015B		Extraction: SW3550C							Spiked Sample ID: 0810835-001A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	4.1	20	89	89.4	0.313	117	117	0	70 - 130	30	70 - 130	30
%SS:	93	50	108	109	0.455	112	111	0.138	70 - 130	30	70 - 130	30

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

BATCH 39291 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811051-001A	10/31/08 10:36 AM	11/03/08	11/05/08 2:31 AM	0811051-002A	10/31/08 10:48 AM	11/03/08	11/05/08 3:37 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.

DHS ELAP Certification 1644

 QA/QC Officer



QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39390

WorkOrder: 0811051

EPA Method: SW8015B		Extraction: SW3550C							Spiked Sample ID: 0811051-003A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	48	20	70.6	71.1	0.145	97.1	96.3	0.820	70 - 130	30	70 - 130	30
%SS:	112	50	109	109	0	110	109	1.35	70 - 130	30	70 - 130	30

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

BATCH 39390 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811051-003A	10/31/08 11:09 AM	11/03/08	11/04/08 6:48 PM	0811051-004A	10/31/08 11:13 AM	11/03/08	11/05/08 4:42 AM
0811051-005A	10/31/08 11:22 AM	11/03/08	11/05/08 6:54 AM	0811051-006A	10/31/08 11:34 AM	11/03/08	11/06/08 1:59 AM
0811051-007A	10/31/08 11:56 AM	11/03/08	11/05/08 9:05 AM	0811051-008A	10/31/08 12:24 PM	11/03/08	11/05/08 2:13 PM
0811051-009A	10/31/08 12:48 PM	11/03/08	11/05/08 3:54 AM	0811051-010A	10/31/08 1:00 PM	11/03/08	11/05/08 5:03 AM
0811051-011A	10/31/08 1:16 PM	11/03/08	11/05/08 7:20 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39357

WorkOrder: 0811051

EPA Method: SW8015B		Extraction: SW3510C/Dawn Zemo Separation							Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	92.7	93.3	0.691	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	103	103	0	N/A	N/A	70 - 130	30

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

BATCH 39357 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811051-012A	10/31/08 2:10 PM	11/03/08	11/07/08 4:41 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.

DHS ELAP Certification 1644

 QA/QC Officer

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/03/08
	Client Contact: Eric Syrstad	Date Received: 11/05/08
	Client P.O.:	Date Reported: 11/12/08
		Date Completed: 11/11/08

WorkOrder: 0811181

November 12, 2008

Dear Eric:

Enclosed within are:

- 1) The results of the 15 analyzed samples from your project: **#130105; Golden Empire Properties**,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

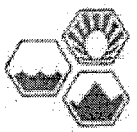
McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

0811181

pg 1 of 2



McCAMPBELL ANALYTICAL, INC.
1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME
GeoTracker EDF PDF Excel Write On (DW)
Check if sample is effluent and "J" flag is required

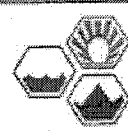
Report To: CRA - Eric Synted Bill To: CRA
Company: Conestoga-Rovers & Associates (CRA)
5900 Hollis Street, Ste A, Emeryville, CA 94608
E-Mail: MSONAS@CRAWORLD.COM CC: BFont@CRAworld.com
Tele: 510-420-0700 Fax: (510) 420-9170
Project #: 130105 Project Name: Golden Empire Properties
Project Location: 3055 35th Ave, Oakland, CA
Sampler Signature: [Signature]

Analysis Request Other Comments

Table with columns: SAMPLE ID, LOCATION Field Point Name, SAMPLING (Date, Time), # Containers, Type Containers, MATRIX (Water, Soil, Air, Sludge, Other), METHOD PRESERVED (ICE, HCL, HNO3, Other), and various chemical analysis parameters like BTEX, TPH, PCBs, etc.

Relinquished By: [Signature] Date: 11/3/08 Time: 18:20 Received By: Emerville office
Relinquished By: [Signature] Date: 1/5/09 Time: 3:15 Received By: [Signature]
Relinquished By: [Signature] Date: 4/5/08 Time: 9:45 Received By: [Signature]

ICE? GOOD CONDITION HEAD SPACE ABSENT DECHLORINATED IN LAB APPROPRIATE CONTAINERS PRESERVED IN LAB
VOAS O&G METALS OTHER pH-2
COMMENTS:



McCAMPBELL ANALYTICAL, INC.
 1534 WILLOW PASS ROAD
 PITTSBURG, CA 94565-1701
 Website: www.mccampbell.com Email: main@mccampbell.com
 Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD
TURN AROUND TIME
 RUSH 24 HR 48 HR 72 HR 5 DAY
 GeoTracker EDF PDF Excel Write On (DW)
 Check if sample is effluent and "J" flag is required

Report To: CRA-Eric Syrtstad Bill To: CRA
 Company: Coastal-Powers & Associates
5900 Hollis St, Suite A, Emeryville, CA 94608
 E-Mail: Hsondas@cpa.us
 Tele: (510) 420-6700 Fax: (510) 420-9170
 Project #: 130105 Project Name: Golden Empire Poplar
 Project Location: 3055 35th Ave, Oakland, CA
 Sampler Signature: [Signature]

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED		Analysis Request	Other	Comments	
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL				HNO ₃
B-23-30		11/3/08	16:04	2	NOA	X						X	X			
B-23-30		11/3/08	16:04	2	NOA	X						X	X			
B-23-30		11/3/08	16:04	1	NOA	X						X	X			
B-22-30		11/3/08	12:40	2	NOA	X						X	X			
B-22-30		11/3/08	12:40	2	NOA	X						X	X			
B-22-30		11/3/08	12:40	1	NOA	X						X	X			
B-20-5		10/3/08	11:35	1	NOA	X						X	X			on earlier chain 10/3/08

+40
+50
*

Relinquished By: [Signature] Date: 11/3/08 Time: 18:27 Received By: Emeryville Office
 Relinquished By: [Signature] Date: 11/3/08 Time: 12:15 Received By: [Signature]
 Relinquished By: [Signature] Date: 11/5/08 Time: 12:15 Received By: [Signature]

COMMENTS:
 ICE? 1, 2
 GOOD CONDITION
 HEAD SPACE ABSENT
 DECHLORINATED IN LAB
 APPROPRIATE CONTAINERS
 PRESERVED IN LAB
 VOAS O&G METALS OTHER
 PRESERVATION pH-2

Filter Samples for Metals analysis: Yes / No
 Down River Gravity Separation

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0811181

ClientCode: CETE

WriteOn
 EDF
 Excel
 Fax
 Email
 HardCopy
 ThirdParty
 J-flag

Report to:

Eric Syrstad
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email:
cc:
PO:
ProjectNo: #130105; Golden Empire Properties

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 11/05/2008

Date Printed: 11/05/2008

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
0811181-001	B-22-5	Soil	11/3/2008 10:12	<input type="checkbox"/>	A		A		A	A						
0811181-002	B-22-10	Soil	11/3/2008 10:44	<input type="checkbox"/>	A		A			A						
0811181-003	B-22-15	Soil	11/3/2008 10:57	<input type="checkbox"/>	A		A			A						
0811181-004	B-22-20	Soil	11/3/2008 11:36	<input type="checkbox"/>	A		A			A						
0811181-005	B-22-25	Soil	11/3/2008 12:00	<input type="checkbox"/>	A		A			A						
0811181-006	B-22-29.5	Soil	11/3/2008 12:23	<input type="checkbox"/>	A		A			A						
0811181-007	B-23-5	Soil	11/3/2008 13:25	<input type="checkbox"/>	A		A			A						
0811181-008	B-23-10	Soil	11/3/2008 14:00	<input type="checkbox"/>	A		A			A						
0811181-009	B-23-15	Soil	11/3/2008 14:10	<input type="checkbox"/>	A		A			A						
0811181-010	B-23-20	Soil	11/3/2008 14:20	<input type="checkbox"/>	A		A			A						
0811181-011	B-23-25	Soil	11/3/2008 14:55	<input type="checkbox"/>	A		A			A						
0811181-012	B-23-29.5	Soil	11/3/2008 15:15	<input type="checkbox"/>	A		A			A						
0811181-013	B-23-30	Water	11/3/2008 16:04	<input type="checkbox"/>		B		A			C					
0811181-014	B-22-30	Water	11/3/2008 12:40	<input type="checkbox"/>		B		A			C					

Test Legend:

1	9-OXYS S	2	9-OXYS W	3	G-MBTEX S	4	G-MBTEX W	5	PREFD REPORT
6	TPH(D) S	7	TPH-DZ W	8		9		10	
11		12							

Prepared by: Rosa Venegas

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.

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0811181

ClientCode: CETE

WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag

Report to:

Eric Syrstad
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email:
cc:
PO:
ProjectNo: #130105; Golden Empire Properties

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: 11/05/2008

Date Printed: 11/05/2008

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	
0811181-015	B-20-5	Soil	10/30/2008 11:35	<input type="checkbox"/>	A		A			A							

Test Legend:

1	9-OXYS_S	2	9-OXYS_W	3	G-MBTEX_S	4	G-MBTEX_W	5	PREFD REPORT
6	TPH(D)_S	7	TPH-DZ_W	8		9		10	
11		12							

Prepared by: Rosa Venegas

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.



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Project Name: **#130105; Golden Empire Properties**
WorkOrder N°: **0811181** Matrix Soil/Water

Date and Time Received: **11/5/2008 5:30:55 PM**
Checklist completed and reviewed by: **Rosa Venegas**
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 1.2°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: **WET ICE**)

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



Client contacted: _____ Date contacted: _____ Contacted by: _____

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates

5900 Hollis St, Suite A

Emeryville, CA 94608

Client Project ID: #130105; Golden Empire Properties

Client Contact: Eric Syrstad

Client P.O.:

Date Sampled: 10/30/08-11/03/08

Date Received: 11/05/08

Date Extracted: 11/05/08

Date Analyzed 11/06/08-11/08/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811181

Lab ID	0811181-001A	0811181-002A	0811181-003A	0811181-004A	Reporting Limit for DF =1	
Client ID	B-22-5	B-22-10	B-22-15	B-22-20		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methanol	ND	ND	ND	ND	5.0	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	97	97	96	96		
-------	----	----	----	----	--	--

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; N/A means analyte not applicable to this analysis.

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

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/30/08-11/03/08
	Client Contact: Eric Syrstad	Date Received: 11/05/08
	Client P.O.:	Date Analyzed 11/06/08-11/08/08
		Date Extracted: 11/05/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811181

Lab ID	0811181-005A	0811181-006A	0811181-007A	0811181-008A	Reporting Limit for DF =1	
Client ID	B-22-25	B-22-29.5	B-23-5	B-23-10		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methanol	ND	ND	ND	ND	5.0	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	98	96	98	97	
-------	----	----	----	----	--

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; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/30/08-11/03/08
	Client Contact: Eric Syrstad	Date Received: 11/05/08
	Client P.O.:	Date Extracted: 11/05/08
		Date Analyzed 11/06/08-11/08/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811181

Lab ID	0811181-009A	0811181-010A	0811181-011A	0811181-012A	Reporting Limit for DF =1	
Client ID	B-23-15	B-23-20	B-23-25	B-23-29.5		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methanol	ND	ND	ND	ND	5.0	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	96	98	93	98	
-------	----	----	----	----	--

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; N/A means analyte not applicable to this analysis.

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

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/30/08-11/03/08
	Client Contact: Eric Syrstad	Date Received: 11/05/08
	Client P.O.:	Date Extracted: 11/05/08
		Date Analyzed 11/06/08-11/08/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811181

Lab ID	0811181-015A				Reporting Limit for DF =1
Client ID	B-20-5				
Matrix	S				
DF	1				

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND				0.005
t-Butyl alcohol (TBA)	ND				0.05	NA
1,2-Dibromoethane (EDB)	ND				0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND				0.004	NA
Diisopropyl ether (DIPE)	ND				0.005	NA
Ethanol	ND				0.5	NA
Ethyl tert-butyl ether (ETBE)	ND				0.005	NA
Methanol	ND				5.0	NA
Methyl-t-butyl ether (MTBE)	ND				0.005	NA

Surrogate Recoveries (%)

%SS1:	91				
-------	----	--	--	--	--

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; N/A means analyte not applicable to this analysis.

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

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/03/08
	Client Contact: Eric Syrstad	Date Received: 11/05/08
	Client P.O.:	Date Extracted: 11/07/08
		Date Analyzed 11/07/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811181

Lab ID	0811181-013B	0811181-014B			Reporting Limit for DF =1
Client ID	B-23-30	B-22-30			
Matrix	W	W			
DF	1	1			

Compound	Concentration				ug/kg	µg/L
	tert-Amyl methyl ether (TAME)	ND	ND			NA
t-Butyl alcohol (TBA)	ND	ND			NA	2.0
1,2-Dibromoethane (EDB)	ND	ND			NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND			NA	0.5
Diisopropyl ether (DIPE)	ND	ND			NA	0.5
Ethanol	ND	ND			NA	50
Ethyl tert-butyl ether (ETBE)	ND	ND			NA	0.5
Methanol	ND	ND			NA	500
Methyl-t-butyl ether (MTBE)	ND	ND			NA	0.5

Surrogate Recoveries (%)

%SS1:	97	99			
-------	----	----	--	--	--

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; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/30/08-11/03/08
	Client Contact: Eric Syrstad	Date Received: 11/05/08
	Client P.O.:	Date Extracted: 11/05/08-11/08/08
		Date Analyzed: 11/06/08-11/08/08

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0811181

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-22-5	S	ND	---	ND	ND	ND	ND	1	74
002A	B-22-10	S	ND	---	ND	ND	ND	ND	1	79
003A	B-22-15	S	ND	---	ND	ND	ND	ND	1	79
004A	B-22-20	S	ND	---	ND	ND	ND	ND	1	78
005A	B-22-25	S	ND	---	ND	ND	ND	ND	1	75
006A	B-22-29.5	S	ND	---	ND	ND	ND	ND	1	76
007A	B-23-5	S	ND	---	ND	ND	ND	ND	1	77
008A	B-23-10	S	ND	---	ND	ND	ND	ND	1	80
009A	B-23-15	S	ND	---	ND	ND	ND	ND	1	78
010A	B-23-20	S	ND	---	ND	ND	ND	ND	1	86
011A	B-23-25	S	ND	---	ND	ND	ND	ND	1	87
012A	B-23-29.5	S	ND	---	ND	ND	ND	ND	1	91
013A	B-23-30	W	ND	---	ND	ND	ND	ND	1	95
014A	B-22-30	W	ND	---	ND	ND	ND	ND	1	95
015A	B-20-5	S	110,d9	---	ND<0.10	ND<0.10	ND<0.10	0.27	20	105

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5	0.5	0.5	0.5	0.5	µg/L
	S	1	0.05	0.005	0.005	0.005	0.005	mg/Kg

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

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

d9) no recognizable pattern



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 10/30/08-11/03/08
	Client Contact: Eric Syrstad	Date Received: 11/05/08
	Client P.O.:	Date Extracted: 11/05/08
		Date Analyzed 11/06/08-11/08/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3550C

Analytical methods: SW8015B

Work Order: 0811181

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0811181-001A	B-22-5	S	ND	1	118
0811181-002A	B-22-10	S	ND	1	110
0811181-003A	B-22-15	S	ND	1	110
0811181-004A	B-22-20	S	ND	1	112
0811181-005A	B-22-25	S	ND	1	111
0811181-006A	B-22-29.5	S	ND	1	113
0811181-007A	B-23-5	S	ND	1	114
0811181-008A	B-23-10	S	ND	1	110
0811181-009A	B-23-15	S	ND	1	113
0811181-010A	B-23-20	S	ND	1	113
0811181-011A	B-23-25	S	ND	1	113
0811181-012A	B-23-29.5	S	ND	1	113
0811181-015A	B-20-5	S	24,e11	1	114

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	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.

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

e11) stoddard solvent/mineral spirit



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/03/08
	Client Contact: Eric Syrstad	Date Received: 11/05/08
	Client P.O.:	Date Extracted: 11/05/08
		Date Analyzed 11/10/08

Total Extractable Petroleum Hydrocarbons w/Dawn Zemo Separation Technique*

Extraction method SW3510C/Dawn Zemo Separation Analytical methods: SW8015B Work Order: 0811181

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0811181-013C	B-23-30	W	ND	1	91
0811181-014C	B-22-30	W	68,e2	1	92

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

* 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; &) low or no surrogate due to matrix interference.

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

e2) diesel range compounds are significant; no recognizable pattern

AR Angela Rydelius, Lab Manager



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39435

WorkOrder: 0811181

EPA Method: SW8260B

Extraction: SW5030B

Spiked Sample ID: 0811181-011A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	81.7	84.5	3.39	92.1	87.9	4.72	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	85.2	89.1	4.51	101	98.1	3.13	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	100	101	1.25	99.1	91.8	7.68	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	89.4	92.9	3.91	114	110	3.26	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	86.2	89.7	3.98	103	99	3.76	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	93.1	97.6	4.73	111	108	2.65	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	81.9	86.8	5.85	95.2	91.2	4.31	60 - 130	30	60 - 130	30
%SS1:	93	0.12	89	91	1.23	96	96	0	70 - 130	30	70 - 130	30

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

BATCH 39435 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811181-001A	11/03/08 10:12 AM	11/05/08	11/06/08 8:00 PM	0811181-002A	11/03/08 10:44 AM	11/05/08	11/06/08 8:42 PM
0811181-003A	11/03/08 10:57 AM	11/05/08	11/06/08 9:25 PM	0811181-004A	11/03/08 11:36 AM	11/05/08	11/06/08 10:10 PM
0811181-005A	11/03/08 12:00 PM	11/05/08	11/06/08 10:53 PM	0811181-006A	11/03/08 12:23 PM	11/05/08	11/06/08 11:36 PM
0811181-007A	11/03/08 1:25 PM	11/05/08	11/07/08 12:18 AM	0811181-008A	11/03/08 2:00 PM	11/05/08	11/07/08 1:01 AM
0811181-009A	11/03/08 2:10 PM	11/05/08	11/07/08 1:43 AM	0811181-010A	11/03/08 2:20 PM	11/05/08	11/07/08 2:26 AM
0811181-011A	11/03/08 2:55 PM	11/05/08	11/07/08 3:08 AM	0811181-012A	11/03/08 3:15 PM	11/05/08	11/06/08 11:15 AM
0811181-015A	10/30/08 11:35 AM	11/05/08	11/08/08 6:19 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.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39454

WorkOrder: 0811181

EPA Method: SW8260B		Extraction: SW5030B							Spiked Sample ID: 0811181-014B			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	101	102	0.631	109	105	3.68	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	89.6	90.5	1.02	102	97.8	4.14	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	106	104	1.84	108	106	1.73	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	116	116	0	122	118	3.13	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	105	105	0	110	107	3.12	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	116	117	1.33	125	120	3.93	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	98.3	99.7	1.39	103	99.9	3.06	70 - 130	30	70 - 130	30
%SS1:	99	25	97	99	2.30	100	100	0	70 - 130	30	70 - 130	30

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

BATCH 39454 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811181-013B	11/03/08 4:04 PM	11/07/08	11/07/08 11:56 PM	0811181-014B	11/03/08 12:40 PM	11/07/08	11/07/08 12:36 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39452

WorkOrder: 0811181

EPA Method: SW8021B/8015Cm

Extraction: SW5030B

Spiked Sample ID: 0811181-010A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	94.9	104	9.49	93.5	95.5	2.18	70 - 130	20	70 - 130	20
MTBE	ND	0.10	90.1	96.1	6.45	90.8	92.2	1.52	70 - 130	20	70 - 130	20
Benzene	ND	0.10	102	101	1.33	96.3	97.4	1.18	70 - 130	20	70 - 130	20
Toluene	ND	0.10	90.9	89.9	1.14	86.3	87.5	1.38	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	102	99.9	1.88	96.6	98.1	1.54	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	98.8	97.5	1.26	93.9	93.4	0.490	70 - 130	20	70 - 130	20
%SS:	86	0.10	93	90	2.83	90	89	0.661	70 - 130	20	70 - 130	20

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

BATCH 39452 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811181-001A	11/03/08 10:12 AM	11/05/08	11/06/08 11:44 PM	0811181-002A	11/03/08 10:44 AM	11/05/08	11/07/08 12:18 AM
0811181-003A	11/03/08 10:57 AM	11/05/08	11/07/08 1:25 AM	0811181-004A	11/03/08 11:36 AM	11/05/08	11/07/08 1:59 AM
0811181-005A	11/03/08 12:00 PM	11/05/08	11/07/08 2:32 AM	0811181-006A	11/03/08 12:23 PM	11/05/08	11/07/08 6:28 AM
0811181-007A	11/03/08 1:25 PM	11/05/08	11/07/08 7:01 AM	0811181-008A	11/03/08 2:00 PM	11/05/08	11/07/08 7:35 AM
0811181-009A	11/03/08 2:10 PM	11/05/08	11/07/08 8:08 AM	0811181-010A	11/03/08 2:20 PM	11/05/08	11/07/08 2:47 AM
0811181-011A	11/03/08 2:55 PM	11/05/08	11/07/08 3:17 AM	0811181-012A	11/03/08 3:15 PM	11/05/08	11/07/08 3:47 AM
0811181-015A	10/30/08 11:35 AM	11/05/08	11/07/08 11:13 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39446

WorkOrder: 0811181

EPA Method: SW8021B/8015Cm

Extraction: SW5030B

Spiked Sample ID: 0811181-013A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	60	94.7	90.4	4.69	88.5	84.8	4.25	70 - 130	20	70 - 130	20
MTBE	ND	10	99.1	102	3.00	98.5	105	6.55	70 - 130	20	70 - 130	20
Benzene	ND	10	92.3	91.5	0.946	87	91.8	5.29	70 - 130	20	70 - 130	20
Toluene	ND	10	91.8	91	0.852	78.4	85.7	8.81	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	95.3	94.3	1.00	88	92.3	4.77	70 - 130	20	70 - 130	20
Xylenes	ND	30	105	104	1.04	84.3	90.9	7.55	70 - 130	20	70 - 130	20
%SS:	95	10	94	93	1.38	97	97	0	70 - 130	20	70 - 130	20

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

BATCH 39446 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811181-013A	11/03/08 4:04 PM	11/08/08	11/08/08 5:06 AM	0811181-014A	11/03/08 12:40 PM	11/08/08	11/08/08 5:40 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.

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

cluttered chromatogram; sample peak coelutes with surrogate peak

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

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



QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39399

WorkOrder: 0811181

EPA Method: SW8015B

Extraction: SW3550C

Spiked Sample ID: 0811067-016A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	20	103	101	1.58	106	106	0	70 - 130	30	70 - 130	30
%SS:	100	50	121	119	1.80	110	108	1.36	70 - 130	30	70 - 130	30

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

BATCH 39399 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811181-001A	11/03/08 10:12 AM	11/05/08	11/07/08 2:37 AM	0811181-002A	11/03/08 10:44 AM	11/05/08	11/06/08 2:13 PM
0811181-003A	11/03/08 10:57 AM	11/05/08	11/06/08 7:56 PM	0811181-004A	11/03/08 11:36 AM	11/05/08	11/07/08 3:54 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.



QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39453

WorkOrder: 0811181

EPA Method: SW8015B

Extraction: SW3550C

Spiked Sample ID: 0811181-015A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	24	20	77.7	75.5	1.10	85.3	85.3	0	70 - 130	30	70 - 130	30
%SS:	114	50	113	112	0.669	109	108	1.03	70 - 130	30	70 - 130	30

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

BATCH 39453 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811181-005A	11/03/08 12:00 PM	11/05/08	11/06/08 9:04 PM	0811181-006A	11/03/08 12:23 PM	11/05/08	11/06/08 10:12 PM
0811181-007A	11/03/08 1:25 PM	11/05/08	11/06/08 11:21 PM	0811181-008A	11/03/08 2:00 PM	11/05/08	11/07/08 10:56 PM
0811181-009A	11/03/08 2:10 PM	11/05/08	11/08/08 12:05 AM	0811181-010A	11/03/08 2:20 PM	11/05/08	11/08/08 1:13 AM
0811181-011A	11/03/08 2:55 PM	11/05/08	11/08/08 4:38 AM	0811181-012A	11/03/08 3:15 PM	11/05/08	11/07/08 8:28 AM
0811181-015A	10/30/08 11:35 AM	11/05/08	11/06/08 1:15 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.



QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39455

WorkOrder: 0811181

EPA Method: SW8015B		Extraction: SW3510C/Dawn Zemo Separation							Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	105	103	1.71	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	102	100	1.75	N/A	N/A	70 - 130	30

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

BATCH 39455 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811181-013C	11/03/08 4:04 PM	11/05/08	11/10/08 4:01 PM	0811181-014C	11/03/08 12:40 PM	11/05/08	11/10/08 5:12 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.

 QA/QC Officer



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com B-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/04/08
	Client Contact: Erik Syrstad	Date Received: 11/05/08
	Client P.O.:	Date Reported: 11/12/08
		Date Completed: 11/12/08

WorkOrder 0811182

November 12, 2008

Dear Erik:

Enclosed within are:

- 1) The results of the **8** analyzed samples from your project: **#130105; Golden Empire Propertie**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0811182

ClientCode: CETE

WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag

Report to:

Erik Syrstad
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: esyrstad@craworld.com
cc:
PO:
ProjectNo: #130105; Golden Empire Properties

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 11/05/2008

Date Printed: 11/05/2008

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
0811182-001	B-21-10	Soil	11/4/2008 12:28	<input type="checkbox"/>	A		A		A	A						
0811182-002	B-21-12	Soil	11/4/2008 12:37	<input type="checkbox"/>	A		A			A						
0811182-003	B-21-15	Soil	11/4/2008 12:51	<input type="checkbox"/>	A		A			A						
0811182-004	B-21-20	Soil	11/4/2008 13:15	<input type="checkbox"/>	A		A			A						
0811182-005	B-21-25	Soil	11/4/2008 13:38	<input type="checkbox"/>	A		A			A						
0811182-006	B-21-29.5	Soil	11/4/2008 14:00	<input type="checkbox"/>	A		A			A						
0811182-007	B-21-30	Water	11/4/2008 16:50	<input type="checkbox"/>		B		A			C					
0811182-008	B-28-5	Soil	11/4/2008 15:23	<input type="checkbox"/>	A		A			A						

Test Legend:

1	9-OXYS S	2	9-OXYS W	3	G-MBTEX S	4	G-MBTEX W	5	PREF REPORT
6	TPH(D) S	7	TPH-DZ W	8		9		10	
11		12							

Prepared by: Rosa Venegas

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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**

Date and Time Received: **11/5/2008 5:30:53 PM**

Project Name: **#130105; Golden Empire Properties**

Checklist completed and reviewed by: **Ana Venegas**

WorkOrder N°: **0811182** Matrix Soil/Water

Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 1.2°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLIC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

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

Client contacted:

Date contacted:

Contacted by:

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/04/08
	Client Contact: Erik Syrstad	Date Received: 11/05/08
	Client P.O.:	Date Extracted: 11/05/08
		Date Analyzed: 11/07/08-11/08/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811182

Lab ID	0811182-001A	0811182-002A	0811182-003A	0811182-004A	Reporting Limit for DF = 1	
Client ID	B-21-10	B-21-12	B-21-15	B-21-20		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	98	98	98	91	
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; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/04/08
	Client Contact: Erik Syrstad	Date Received: 11/05/08
	Client P.O.:	Date Extracted: 11/05/08
		Date Analyzed: 11/07/08-11/08/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811182

Lab ID	0811182-005A	0811182-006A	0811182-008A		Reporting Limit for DF = 1	
Client ID	B-21-25	B-21-29.5	B-28-5			
Matrix	S	S	S			
DF	1	1	1			

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND		0.005
t-Butyl alcohol (TBA)	ND	ND	ND		0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND		0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND		0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND		0.005	NA
Ethanol	ND	ND	ND		0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND		0.005	NA
Methyl-t-butyl ether (MTBE)	ND	0.0064	ND		0.005	NA

Surrogate Recoveries (%)

%SS1:	97	96	96		
-------	----	----	----	--	--

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; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/04/08
	Client Contact: Erik Syrstad	Date Received: 11/05/08
	Client P.O.	Date Extracted 11/12/08
		Date Analyzed 11/12/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method SW8260B

Work Order: 0811182

Lab ID	0811182-007B				Reporting Limit for DF =1	
Client ID	B-21-30					
Matrix	W					
DF	10					S

Compound	Concentration				ug/kg	µg/L
	tert-Amyl methyl ether (TAME)	ND<5.0				NA
t-Butyl alcohol (TBA)	ND<20				NA	2.0
1,2-Dibromoethane (EDB)	ND<5.0				NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND<5.0				NA	0.5
Diisopropyl ether (DIPE)	ND<5.0				NA	0.5
Ethanol	ND<500				NA	50
Ethyl tert-butyl ether (ETBE)	ND<5.0				NA	0.5
Methyl-t-butyl ether (MTBE)	170				NA	0.5

Surrogate Recoveries (%)

%SS1:	97				
-------	----	--	--	--	--

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; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/04/08
		Date Received: 11/05/08
	Client Contact: Erik Syrstad	Date Extracted: 11/05/08-11/10/08
	Client P.O.:	Date Analyzed 11/06/08-11/10/08

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

Extraction method: SW5030B

Analytical methods: SW8021B/8015Cm

Work Order: 0811182

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-21-10	S	ND	---	ND	ND	ND	ND	1	85
002A	B-21-12	S	ND	---	ND	ND	ND	ND	1	87
003A	B-21-15	S	ND	---	ND	ND	ND	ND	1	84
004A	B-21-20	S	ND	---	ND	ND	ND	ND	1	105
005A	B-21-25	S	ND	---	ND	ND	ND	ND	1	89
006A	B-21-29.5	S	ND	---	ND	ND	ND	ND	1	87
007A	B-21-30	W	ND	---	ND	ND	ND	ND	1	95
008A	B-28-5	S	ND	---	ND	ND	ND	ND	1	77

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5	0.5	0.5	0.5	0.5	µg/L
	S	1	0.05	0.005	0.005	0.005	0.005	mg/Kg

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/04/08
	Client Contact: Erik Syrstad	Date Received: 11/05/08
	Client P.O.:	Date Extracted: 11/05/08
		Date Analyzed: 11/07/08

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550C

Analytical methods: SW8015B

Work Order: 0811182


Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0811182-001A	B-21-10	S	ND	1	112
0811182-002A	B-21-12	S	ND	1	114
0811182-003A	B-21-15	S	ND	1	113
0811182-004A	B-21-20	S	ND	1	119
0811182-005A	B-21-25	S	ND	1	119
0811182-006A	B-21-29.5	S	ND	1	119
0811182-008A	B-28-5	S	ND	1	119

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	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.

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

 Angela Rydelius, Lab Manager



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39452

WorkOrder 0811182

EPA Method: SW8021B/8015Cm

Extraction SW5030B

Spiked Sample ID: 0811181-010A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	94.9	104	9.49	93.5	95.5	2.18	70 - 130	20	70 - 130	20
MTBE	ND	0.10	90.1	96.1	6.45	90.8	92.2	1.52	70 - 130	20	70 - 130	20
Benzene	ND	0.10	102	101	1.33	96.3	97.4	1.18	70 - 130	20	70 - 130	20
Toluene	ND	0.10	90.9	89.9	1.14	86.3	87.5	1.38	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	102	99.9	1.88	96.6	98.1	1.54	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	98.8	97.5	1.26	93.9	93.4	0.490	70 - 130	20	70 - 130	20
%SS:	86	0.10	93	90	2.83	90	89	0.661	70 - 130	20	70 - 130	20

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

BATCH 39452 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811182-001A	11/04/08 12:28 PM	11/05/08	11/10/08 4:32 PM	0811182-002A	11/04/08 12:37 PM	11/05/08	11/07/08 4:47 AM
0811182-003A	11/04/08 12:51 PM	11/05/08	11/07/08 5:17 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.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39454

WorkOrder 0811182

EPA Method: SW8260B		Extraction SW5030B							Spiked Sample ID: 0811181-014B			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	101	102	0.631	109	105	3.68	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	89.6	90.5	1.02	102	97.8	4.14	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	106	104	1.84	108	106	1.73	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	116	116	0	122	118	3.13	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	105	105	0	110	107	3.12	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	116	117	1.33	125	120	3.93	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	98.3	99.7	1.39	103	99.9	3.06	70 - 130	30	70 - 130	30
%SS1:	99	25	97	99	2.30	100	100	0	70 - 130	30	70 - 130	30

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

BATCH 39454 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811182-007B	11/04/08 4:50 PM	11/12/08	11/12/08 1:54 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39461

WorkOrder 0811182

EPA Method: SW8021B/8015Cm

Extraction SW5030B

Spiked Sample ID: 0811182-008A

Table with columns: Analyte, Sample (mg/Kg), Spiked (mg/Kg), MS (% Rec.), MSD (% Rec.), MS-MSD (% RPD), LCS (% Rec.), LCSD (% Rec.), LCS-LCSD (% RPD), and Acceptance Criteria (%). Rows include TPH(btex), MTBE, Benzene, Toluene, Ethylbenzene, Xylenes, and %SS.

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

BATCH 39461 SUMMARY

Summary table with columns: Lab ID, Date Sampled, Date Extracted, Date Analyzed. Contains three rows of data for different samples.

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.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39462

WorkOrder 0811182

EPA Method: SW8260B		Extraction SW5030B							Spiked Sample ID: 0811182-008A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	93.9	90.1	4.10	93.3	90.3	3.26	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	95.9	90	6.34	93.4	92.8	0.657	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	99.6	93.4	6.42	104	102	2.17	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	98.3	97.3	0.955	101	97.2	3.41	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	92.1	90.9	1.37	99.6	95.6	4.12	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	106	103	3.13	109	104	4.47	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	91.2	87.5	4.17	93	90.3	2.95	60 - 130	30	60 - 130	30
%SS1:	96	0.12	89	89	0	90	90	0	70 - 130	30	70 - 130	30

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

BATCH 39462 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811182-001A	11/04/08 12:28 PM	11/05/08	11/07/08 3:51 AM	0811182-002A	11/04/08 12:37 PM	11/05/08	11/07/08 4:34 AM
0811182-003A	11/04/08 12:51 PM	11/05/08	11/07/08 5:16 AM	0811182-004A	11/04/08 1:15 PM	11/05/08	11/08/08 5:36 AM
0811182-005A	11/04/08 1:38 PM	11/05/08	11/07/08 5:58 AM	0811182-006A	11/04/08 2:00 PM	11/05/08	11/07/08 6:41 AM
0811182-008A	11/04/08 3:23 PM	11/05/08	11/07/08 7:38 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39457

WorkOrder: 0811182

EPA Method: SW8021B/8015Cm

Extraction: SW5030B

Spiked Sample ID: 0811201-001A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	60	100	96.5	3.78	95.7	99	3.39	70 - 130	20	70 - 130	20
MTBE	ND	10	97.7	90.5	7.61	104	103	0.433	70 - 130	20	70 - 130	20
Benzene	ND	10	113	108	4.38	92.7	89.7	3.29	70 - 130	20	70 - 130	20
Toluene	ND	10	114	108	5.16	93.6	90.5	3.33	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	118	112	5.10	97.5	94.2	3.50	70 - 130	20	70 - 130	20
Xylenes	ND	30	117	111	5.12	107	105	2.75	70 - 130	20	70 - 130	20
%SS:	95	10	91	96	5.74	95	94	1.18	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 39457 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811182-007A	11/04/08 4:50 PM	11/08/08	11/08/08 6:13 AM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak

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

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



QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39453

WorkOrder: 0811182

EPA Method: SW8015B

Extraction: SW3550C

Spiked Sample ID: 0811181-015A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	24	20	77.7	75.5	1.10	85.3	85.3	0	70 - 130	30	70 - 130	30
%SS:	114	50	113	112	0.669	109	108	1.03	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 39453 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811182-001A	11/04/08 12:28 PM	11/05/08	11/07/08 6:23 PM	0811182-002A	11/04/08 12:37 PM	11/05/08	11/07/08 7:31 PM
0811182-003A	11/04/08 12:51 PM	11/05/08	11/07/08 8:40 PM	0811182-004A	11/04/08 1:15 PM	11/05/08	11/07/08 1:31 AM
0811182-005A	11/04/08 1:38 PM	11/05/08	11/07/08 5:57 AM	0811182-006A	11/04/08 2:00 PM	11/05/08	11/07/08 4:50 AM
0811182-008A	11/04/08 3:23 PM	11/05/08	11/07/08 7:03 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.



QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39455

WorkOrder 0811182

EPA Method: SW8015B		Extraction SW3510C/Dawn Zemo Separation							Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	105	103	1.71	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	102	100	1.75	N/A	N/A	70 - 130	30

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

BATCH 39455 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811182-007C	11/04/08 4:50 PM	11/05/08	11/10/08 2:50 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.

QA/QC Officer



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/05/08
	Client Contact: Erik Syrstad	Date Received: 11/06/08
	Client P.O.:	Date Reported: 11/12/08
		Date Completed: 11/10/08

WorkOrder 0811242

November 12, 2008

Dear Erik:

Enclosed within are:

- 1) The results of the 11 analyzed samples from your project: **#130105; Golden Empire Propertie**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

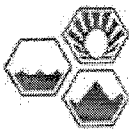
All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.



McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94568-1701

Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

0811242

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

GeoTracker EDF PDF Excel Write On (DW)

Check if sample is effluent and "J" flag is required

Report To: CRA - Eric Syrstad Bill To: CRA
Company: Conestoga-Rovers & Associates (CRA)
5900 Hollis Street, Ste A, Emeryville, CA 94608
E-Mail: ESYRSTAD@CRAworld.com CC: MSONAS@CRAworld.com
Tele: 510-420-0700 Fax: (510) 420-9170
Project #: 130105 Project Name: Golden Empire Properties
Project Location: 3055 35th Ave, Oakland, CA
Sampler Signature: [Signature]

Analysis Request

Other

Comments

BTEX & TPH as Gas (802 / 8021 / 8015)
TPH as Diesel (8015)
Total Petroleum Oil & Grease (1604 / 5510 E/B&F)
Total Petroleum Hydrocarbons (118.1)
EPA 502.2 / 601 / 8010 / 8021 (HVOCs)
MTBE / BTEX ONLY (EPA 602 / 8021)
EPA 505 / 608 / 8081 (CI Pesticides)
EPA 608 / 8081 PCB's ONLY; Aroclors / Congeners
EPA 507 / 8181 (NP Pesticides)
EPA 515 / 8151 (Acidic CI Herbicides)
EPA 524.2 / 624 / 8160 (VOCs)
EPA 535.2 / 635 / 8170 (SVOCs)
EPA 8270 SEM / 8310 (PAHs / PNAs)
CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)
LEAD 5 Metals (200.7 / 200.8 / 6010 / 6020)
Lead (200.7 / 200.8 / 6010 / 6020)
MTBE, TPH, DIB, TBA, STN
ETBE, EDB, EDC by 8160

Filter Samples for Metals analysis: Yes / No

SAMPLE ID	LOCATION Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED							
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO3	Other				
B-28-10		11-5-08	9:39	1	hbc	X					X				X	X		
B-28-15			11:00	1		X					X				X	X		
B-28-20			11:30	1		X					X				X	X		
B-28-25			11:55	1		X					X				X	X		
B-28-29.5			12:18	1		X					X				X	X		
B-27-10			13:48	1		X					X				X	X		
B-27-15			14:08	1		X					X				X	X		
B-27-20			14:30	1		X					X				X	X		
B-27-25			14:50	1		X					X				X	X		
B-27-29.5			15:46	1	↓	X					X				X	X		
B-26-5		11-5-08	9:54	1	hbc	X					X				X	X		

Relinquished By: [Signature] Date: 11/5/08 Time: 18:18
Received By: [Signature]
Relinquished By: [Signature] Date: 4/6/8 Time: 9:06
Received By: [Signature]
Relinquished By: _____ Date: _____ Time: _____
Received By: _____

ICE/T
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB
COMMENTS:
VOAS O&G METALS OTHER
PRESERVATION pH<2

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0811242

ClientCode: CETE

WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag

Report to:

Erik Syrstad
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: esyrstad@craworld.com
cc: mjonas@craworld.com
PO:
ProjectNo: #130105; Golden Empire Properties

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 11/06/2008

Date Printed: 11/06/2008

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	
0811242-001	B-28-10	Soil	11/5/2008 9:39	<input type="checkbox"/>	A	A		A									
0811242-002	B-28-15	Soil	11/5/2008 11:00	<input type="checkbox"/>	A	A	A	A									
0811242-003	B-28-20	Soil	11/5/2008 11:30	<input type="checkbox"/>	A	A		A									
0811242-004	B-28-25	Soil	11/5/2008 11:55	<input type="checkbox"/>	A	A		A									
0811242-005	B-28-29.5	Soil	11/5/2008 12:18	<input type="checkbox"/>	A	A		A									
0811242-006	B-27-10	Soil	11/5/2008 13:48	<input type="checkbox"/>	A	A		A									
0811242-007	B-27-15	Soil	11/5/2008 14:08	<input type="checkbox"/>	A	A		A									
0811242-008	B-27-20	Soil	11/5/2008 14:30	<input type="checkbox"/>	A	A		A									
0811242-009	B-27-25	Soil	11/5/2008 14:50	<input type="checkbox"/>	A	A		A									
0811242-010	B-27-29.5	Soil	11/5/2008 15:46	<input type="checkbox"/>	A	A		A									
0811242-011	B-26-5	Soil	11/5/2008 9:54	<input type="checkbox"/>	A	A		A									

Test Legend:

1	9-OXYS_S	2	G-MBTEX_S	3	PREF REPORT	4	TPH(D)_S	5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

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.



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Project Name: **#130105; Golden Empire Properties**
WorkOrder N°: **0811242** Matrix Soil

Date and Time Received: **11/6/08 6:41:33 PM**
Checklist completed and reviewed by: **Ana Venegas**
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 9.6°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLIC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

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

Client contacted: _____ Date contacted: _____ Contacted by: _____

Comments: _____



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/05/08
	Client Contact: Erik Syrstad	Date Received: 11/06/08
	Client P.O.:	Date Analyzed: 11/07/08-11/11/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811242

Lab ID	0811242-001A	0811242-002A	0811242-003A	0811242-004A	Reporting Limit for DF =1	
Client ID	B-28-10	B-28-15	B-28-20	B-28-25		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	97	96	98	99	
-------	----	----	----	----	--

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; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/05/08
	Client Contact: Erik Syrstad	Date Received: 11/06/08
	Client P.O.:	Date Extracted: 11/06/08
		Date Analyzed: 11/07/08-11/11/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811242

Lab ID	0811242-005A	0811242-006A	0811242-007A	0811242-008A	Reporting Limit for DF =1	
Client ID	B-28-29.5	B-27-10	B-27-15	B-27-20		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005	NA
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	93	93	93	93		
-------	----	----	----	----	--	--

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; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/05/08
	Client Contact: Erik Syrstad	Date Received: 11/06/08
	Client P.O.:	Date Extracted: 11/06/08
		Date Analyzed: 11/07/08-11/11/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811242

Lab ID	0811242-009A	0811242-010A	0811242-011A	Reporting Limit for DF =1	S	W
Client ID	B-27-25	B-27-29.5	B-26-5			
Matrix	S	S	S			
DF	1	1	1			

Compound	Concentration			mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND	0.005
t-Butyl alcohol (TBA)	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	93	92	93		
-------	----	----	----	--	--

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; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/05/08
		Date Received: 11/06/08
	Client Contact: Erik Syrstad	Date Extracted: 11/06/08
	Client P.O.:	Date Analyzed 11/07/08-11/11/08

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

Extraction method: SW5030B

Analytical methods: SW8021B/8015Cm

Work Order: 0811242

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-28-10	S	ND	---	ND	ND	ND	ND	1	80
002A	B-28-15	S	ND	---	ND	ND	ND	ND	1	80
003A	B-28-20	S	ND	---	ND	ND	ND	ND	1	86
004A	B-28-25	S	ND	---	ND	ND	ND	ND	1	87
005A	B-28-29.5	S	ND	---	ND	ND	ND	ND	1	77
006A	B-27-10	S	ND	---	ND	ND	ND	ND	1	75
007A	B-27-15	S	ND	---	ND	ND	ND	ND	1	98
008A	B-27-20	S	ND	---	ND	ND	ND	ND	1	75
009A	B-27-25	S	ND	---	ND	ND	ND	ND	1	75
010A	B-27-29.5	S	ND	---	ND	ND	ND	ND	1	76
011A	B-26-5	S	ND	---	ND	ND	ND	ND	1	82

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

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/05/08
	Client Contact: Erik Syrstad	Date Received: 11/06/08
	Client P.O.:	Date Extracted: 11/06/08
		Date Analyzed 11/07/08-11/09/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3550C

Analytical methods: SW8015B

Work Order: 0811242

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0811242-001A	B-28-10	S	ND	1	111
0811242-002A	B-28-15	S	ND	1	114
0811242-003A	B-28-20	S	ND	1	114
0811242-004A	B-28-25	S	ND	1	113
0811242-005A	B-28-29.5	S	ND	1	111
0811242-006A	B-27-10	S	ND	1	111
0811242-007A	B-27-15	S	ND	1	111
0811242-008A	B-27-20	S	ND	1	111
0811242-009A	B-27-25	S	ND	1	111
0811242-010A	B-27-29.5	S	ND	1	111
0811242-011A	B-26-5	S	ND	1	106

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	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.

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39466

WorkOrder: 0811242

EPA Method: SW8260B

Extraction: SW5030B

Spiked Sample ID: 0811198-016A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	92.1	84	9.24	92.2	91.1	1.12	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	95.1	82.8	13.8	92.8	94.1	1.39	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	104	106	2.04	101	102	0.911	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	102	100	1.88	99	98.1	0.866	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	98.9	92.2	6.93	98.2	97	1.26	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	107	99.2	7.39	106	105	1.45	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	91.7	85.9	6.56	92.1	90.4	1.86	60 - 130	30	60 - 130	30
%SS1:	92	0.12	89	89	0	90	90	0	70 - 130	30	70 - 130	30

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

BATCH 39466 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811242-001A	11/05/08 9:39 AM	11/06/08	11/07/08 7:45 PM	0811242-002A	11/05/08 11:00 AM	11/06/08	11/07/08 9:03 PM
0811242-003A	11/05/08 11:30 AM	11/06/08	11/08/08 11:12 AM	0811242-004A	11/05/08 11:55 AM	11/06/08	11/08/08 12:35 PM
0811242-005A	11/05/08 12:18 PM	11/06/08	11/08/08 7:34 PM	0811242-006A	11/05/08 1:48 PM	11/06/08	11/08/08 8:59 PM
0811242-007A	11/05/08 2:08 PM	11/06/08	11/08/08 9:42 PM	0811242-008A	11/05/08 2:30 PM	11/06/08	11/08/08 10:24 PM
0811242-009A	11/05/08 2:50 PM	11/06/08	11/11/08 2:33 AM	0811242-010A	11/05/08 3:46 PM	11/06/08	11/08/08 11:49 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.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39496

WorkOrder: 0811242

EPA Method: SW8260B		Extraction: SW5030B							Spiked Sample ID: 0811242-011A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	94.5	90.2	4.66	88.6	88.8	0.203	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	100	90.3	10.6	89.9	89.4	0.532	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	108	102	5.64	96.2	97.5	1.35	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	104	99.4	4.58	95.6	96.5	0.894	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	102	99.3	2.89	92.3	92.9	0.673	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	110	105	4.58	102	102	0	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	95.2	88.9	6.74	87.4	88.2	1.00	60 - 130	30	60 - 130	30
%SS1:	93	0.12	89	89	0	91	90	0.704	70 - 130	30	70 - 130	30

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

BATCH 39496 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811242-011A	11/05/08 9:54 AM	11/06/08	11/09/08 12:32 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39461

WorkOrder: 0811242

EPA Method: SW8021B/8015Cm		Extraction: SW5030B							Spiked Sample ID: 0811182-008A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	98.7	95.5	3.33	84.1	92.9	9.96	70 - 130	20	70 - 130	20
MTBE	ND	0.10	101	97.4	3.43	111	108	2.56	70 - 130	20	70 - 130	20
Benzene	ND	0.10	92.1	87	5.73	91.9	93.5	1.75	70 - 130	20	70 - 130	20
Toluene	ND	0.10	102	96.5	5.61	101	103	1.26	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	101	95.4	5.65	100	98.9	1.22	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	111	105	5.70	110	108	1.85	70 - 130	20	70 - 130	20
%SS:	77	0.10	99	87	12.0	97	88	10.1	70 - 130	20	70 - 130	20

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

BATCH 39461 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811242-001A	11/05/08 9:39 AM	11/06/08	11/07/08 1:54 PM	0811242-002A	11/05/08 11:00 AM	11/06/08	11/07/08 2:28 PM
0811242-003A	11/05/08 11:30 AM	11/06/08	11/07/08 5:10 PM	0811242-004A	11/05/08 11:55 AM	11/06/08	11/07/08 5:41 PM
0811242-005A	11/05/08 12:18 PM	11/06/08	11/07/08 6:28 PM	0811242-006A	11/05/08 1:48 PM	11/06/08	11/07/08 9:16 PM
0811242-007A	11/05/08 2:08 PM	11/06/08	11/11/08 10:48 PM	0811242-008A	11/05/08 2:30 PM	11/06/08	11/07/08 10:24 PM
0811242-009A	11/05/08 2:50 PM	11/06/08	11/07/08 10:57 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39494

WorkOrder: 0811242

EPA Method: SW8021B/8015Cm		Extraction: SW5030B							Spiked Sample ID: 0811242-011A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)				
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
TPH(btex) [£]	ND	0.60	93.5	91.7	1.98	92.5	93.5	1.10	70 - 130	20	70 - 130	20	
MTBE	ND	0.10	105	107	1.47	91.4	100	8.93	70 - 130	20	70 - 130	20	
Benzene	ND	0.10	96.9	90.9	6.38	86.8	96.2	10.4	70 - 130	20	70 - 130	20	
Toluene	ND	0.10	107	100	6.41	97.1	107	9.30	70 - 130	20	70 - 130	20	
Ethylbenzene	ND	0.10	106	99	6.48	96.1	105	8.80	70 - 130	20	70 - 130	20	
Xylenes	ND	0.30	116	110	5.56	106	115	8.49	70 - 130	20	70 - 130	20	
%SS:	82	0.10	100	94	5.60	95	100	5.16	70 - 130	20	70 - 130	20	

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

BATCH 39494 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811242-010A	11/05/08 3:46 PM	11/06/08	11/08/08 12:38 AM	0811242-011A	11/05/08 9:54 AM	11/06/08	11/08/08 1:12 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39465

WorkOrder: 0811242

EPA Method: SW8015B

Extraction: SW3550C

Spiked Sample ID: 0811198-006A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	20	92.3	89.7	2.85	95	90.6	4.73	70 - 130	30	70 - 130	30
%SS:	90	50	104	104	0	108	102	6.14	70 - 130	30	70 - 130	30

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

BATCH 39465 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811242-001A	11/05/08 9:39 AM	11/06/08	11/08/08 1:45 PM	0811242-002A	11/05/08 11:00 AM	11/06/08	11/08/08 8:36 PM
0811242-003A	11/05/08 11:30 AM	11/06/08	11/08/08 9:44 PM	0811242-004A	11/05/08 11:55 AM	11/06/08	11/08/08 10:53 PM
0811242-005A	11/05/08 12:18 PM	11/06/08	11/08/08 5:11 PM	0811242-006A	11/05/08 1:48 PM	11/06/08	11/08/08 6:19 PM
0811242-007A	11/05/08 2:08 PM	11/06/08	11/08/08 7:27 PM	0811242-008A	11/05/08 2:30 PM	11/06/08	11/08/08 8:36 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.

DHS ELAP Certification 1644

QA/QC Officer



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39495

WorkOrder: 0811242

EPA Method: SW8016B

Extraction: SW3550C

Spiked Sample ID: 0811242-011A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	20	97.7	96.4	1.24	101	102	1.73	70 - 130	30	70 - 130	30
%SS:	106	50	110	111	0.164	104	103	1.13	70 - 130	30	70 - 130	30

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

BATCH 39495 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811242-009A	11/05/08 2:50 PM	11/06/08	11/08/08 10:53 PM	0811242-010A	11/05/08 3:46 PM	11/06/08	11/09/08 12:01 AM
0811242-011A	11/05/08 9:54 AM	11/06/08	11/07/08 5:49 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.

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/06/08
		Date Received: 11/07/08
	Client Contact: Eric Syrstad	Date Reported: 11/14/08
	Client P.O.:	Date Completed: 11/14/08

WorkOrder: 0811272

November 14, 2008

Dear Eric:

Enclosed within are:

- 1) The results of the 15 analyzed samples from your project: **#130105; Golden Empire Properties,**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

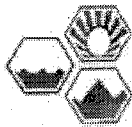
If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

08 11272



McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701

Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

GeoTracker EDF PDF Excel Write On (DW)

Check if sample is effluent and "J" flag is required

Report To: CRA - Eric Syrstad Bill To: CRA
Company: Conestoga-Rovers & Associates (CRA)
5900 Hollis Street, Ste A, Emeryville, CA 94608
E-Mail: ESYRSTAD@CRAworld.com CC: MJONAS@CRAworld.com
Tele: 510-420-0700 Fax: (510) 420-9170
Project #: 130105 Project Name: Golden Empire Repairs
Project Location: 3055 35th Ave, Oakland, CA
Sampler Signature: [Signature]

Analysis Request

Other

Comments

- ITEX & TPH as Gas (652 / 8021 + 3015) Petroleum
- TPH as Diesel (8015)
- Total Petroleum Oil & Grease (1564 / 5530 E/R&D)
- Total Petroleum Hydrocarbons (HUK-D)
- EPA 502.2 / 601 / 8010 / 8021 (HYOCs)
- MTBE / RTEX ONLY (EPA 602 / 8021)
- EPA 505 / 608 / 8081 (CI Pesticides)
- EPA 608 / 8082 PCB'S ONLY; Aroclors / Congeners
- EPA 507 / 8141 (SP Pesticides)
- EPA 5157 / 8151 (Avalite CI Herbicides)
- EPA 534.2 / 634 / 8360 (VOCs)
- EPA 555.2 / 655 / 8570 (SVOCs)
- EPA 8230 SEM / 8310 (PAHS / PNAS)
- CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)
- LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)
- Lead (200.7 / 200.8 / 6010 / 6020)

MTBE, TAME, PIPE, TBA, EPH
ETOH, EBO, EPC, etc. by 8260

Demon Z-caps Gravity Separation

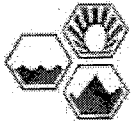
Filter Samples for Metals analysis: Yes / No

SAMPLE ID	LOCATION / Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED								
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO3	Other					
B-26-10		11-6-08	12:45	1	Tube	X	X				X	X	X	X	X	X	X		
B-26-15		11-6-08	13:09	1	Tube	X	X				X	X	X	X	X	X	X		
B-26-20		11-6-08	13:33	1	Tube	X	X				X	X	X	X	X	X	X		
B-26-25		11-6-08	13:55	1	Tube	X	X				X	X	X	X	X	X	X		
B-26-29.5		11-6-08	14:16	1	Tube	X	X				X	X	X	X	X	X	X		
B-24-5.5		11-6-08	8:15	1	Tube	X	X				X	X	X	X	X	X	X		Disturbed
B-24-10		11-6-08	8:53	1	Tube	X	X				X	X	X	X	X	X	X		
B-24-15		11-6-08	9:00	1	Tube	X	X				X	X	X	X	X	X	X		
B-24-20		11-6-08	9:46	1	Tube	X	X				X	X	X	X	X	X	X		
B-24-25		11-6-08	10:08	1	Tube	X	X				X	X	X	X	X	X	X		
B-24-29.5		11-6-08	10:38	1	Tube	X	X				X	X	X	X	X	X	X		Disturbed
B-25-5		11-6-08	11:15	1	Tube	X	X				X	X	X	X	X	X	X		

Relinquished By: [Signature] Date: 11-6-08 Time: 18:15 Received By: Emeryville Office
Relinquished By: [Signature] Date: 11/7/08 Time: 2:30 Received By: [Signature]
Relinquished By: [Signature] Date: 11/28/08 Time: 9:45 Received By: [Signature]

ICE/T 2.6
GOOD CONDITION yes
HEAD SPACE ABSENT yes
DECHLORINATED IN LAB yes
APPROPRIATE CONTAINERS yes
PRESERVED IN LAB

VOAS O&G METALS OTHER
PRESERVATION pH<2



McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701

Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

GeoTracker EDF PDF Excel Write On (DW)

Check if sample is effluent and "J" flag is required

Report To: CRA - Eric Systad Bill To: CRA
Company: Conestoga-Rovers & Associates (CRA)
5900 Hollis Street, Ste A, Emeryville, CA 94608
E-Mail: ESYSTAD@CRAworld.com CC: HSONAS@CRAworld.com
Tele: 510-420-0700 Fax: (510) 420-9170
Project #: 130105 Project Name: Golden Empire Properties
Project Location: 3055 35th Ave, Oakland
Sampler Signature: Brian & Jen

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED	Analysis Request	Other	Comments					
		Date	Time			Water	Soil	Air	Sludge	Other	ICE				HCL	HNO ₃	Other		
B-28-30		11-6-08	12:30	2	VOA	X						XX							
B-28-30		11-6-08	12:30	2	VOA	X						XX							
B-28-30		11-6-08	12:30	1	Water	X						X							
B-27-30		11-6-08	14:30	2	VOA	X						XX							
B-27-30		11-6-08	14:30	2	VOA	X						XX							
B-27-30		11-6-08	14:30	1	Water	X						X							
B-26-30		11-6-08	16:30	3	VOA	X						XX							
B-26-30		11-6-08	16:30	3	VOA	X						XX							
B-26-30		11-6-08	16:30	1	Water	X						X							

Relinquished By: [Signature] Date: 11-6-08 Time: 18:15 Received By: Emergill office
Relinquished By: [Signature] Date: 11/7/08 Time: 2:30 Received By: [Signature]
Relinquished By: [Signature] Date: 11/7/08 Time: 4:45 Received By: [Signature]

ICE/T 26 COMMENTS:
GOOD CONDITION yes
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB yes
VOAS O&G METALS OTHER
PRESERVATION pH<2

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0811272

ClientCode: CETE

WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag

Report to:

Eric Syrstad
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: esyrstad@croworld.com
cc:
PO:
ProjectNo: #130105; Golden Empire Properties

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 11/07/2008

Date Printed: 11/12/2008

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
0811272-001	B-26-10	Soil	11/6/2008 12:48	<input type="checkbox"/>	A		A		A	A						
0811272-002	B-26-15	Soil	11/6/2008 13:09	<input type="checkbox"/>	A		A			A						
0811272-003	B-26-20	Soil	11/6/2008 13:33	<input type="checkbox"/>	A		A			A						
0811272-004	B-26-25	Soil	11/6/2008 13:55	<input type="checkbox"/>	A		A			A						
0811272-005	B-26-29.5	Soil	11/6/2008 14:16	<input type="checkbox"/>	A		A			A						
0811272-006	B-24-5.5	Soil	11/6/2008 8:15	<input type="checkbox"/>	A		A			A						
0811272-007	B-24-10	Soil	11/6/2008 8:53	<input type="checkbox"/>	A		A			A						
0811272-008	B-24-15	Soil	11/6/2008 9:00	<input type="checkbox"/>	A		A			A						
0811272-009	B-24-20	Soil	11/6/2008 9:46	<input type="checkbox"/>	A		A			A						
0811272-010	B-24-25	Soil	11/6/2008 10:08	<input type="checkbox"/>	A		A			A						
0811272-011	B-24-29.5	Soil	11/6/2008 10:38	<input type="checkbox"/>	A		A			A						
0811272-012	B-25-5	Soil	11/6/2008 11:15	<input type="checkbox"/>	A		A			A						
0811272-013	B-28-30	Water	11/6/2008 12:30	<input type="checkbox"/>		B		A			C					
0811272-014	B-27-30	Water	11/6/2008 14:30	<input type="checkbox"/>		B		A			C					

Test Legend:

1	9-OXYS S	2	9-OXYS W	3	G-MBTEX S	4	G-MBTEX W	5	PREDF REPORT
6	TPH(D) S	7	TPH-DZ W	8		9		10	
11		12							

Prepared by: Rosa Venegas

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.

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0811272

ClientCode: CETE

WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag

Report to:

Eric Syrstad
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: esyrstad@craworld.com
cc:
PO:
ProjectNo: #130105; Golden Empire Properties

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 11/07/2008

Date Printed: 11/12/2008

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	
0811272-015	B-26-30	Water	11/6/2008 16:30	<input type="checkbox"/>		B		A			C						

Test Legend:

1	9-OXYS_S
6	TPH(D)_S
11	

2	9-OXYS_W
7	TPH-DZ_W
12	

3	G-MBTX_S
8	

4	G-MBTX_W
9	

5	PREF REPORT
10	

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.

Prepared by: Rosa Venegas



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Project Name: **#130105; Golden Empire Properties**
WorkOrder N°: **0811272** Matrix Soil/Water

Date and Time Received: **11/7/2008 4:46:24 PM**
Checklist completed and reviewed by: **Rosa Venegas**
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

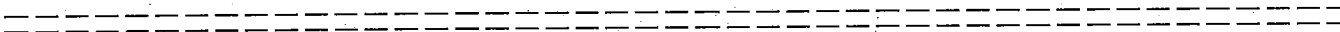
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 2.6°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

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



Client contacted: _____ Date contacted: _____ Contacted by: _____

Comments: _____



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/06/08
	Client Contact: Eric Syrstad	Date Received: 11/07/08
	Client P.O.:	Date Analyzed 11/09/08-11/11/08
		Date Extracted: 11/07/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811272

Lab ID	0811272-001A	0811272-002A	0811272-003A	0811272-004A	Reporting Limit for DF = 1	
Client ID	B-26-10	B-26-15	B-26-20	B-26-25		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005	NA
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	94	92	93	92	
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; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/06/08
	Client Contact: Eric Syrstad	Date Received: 11/07/08
	Client P.O.:	Date Analyzed 11/09/08-11/11/08
		Date Extracted: 11/07/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811272

Lab ID	0811272-005A	0811272-006A	0811272-007A	0811272-008A	Reporting Limit for DF =1	
Client ID	B-26-29.5	B-24-5.5	B-24-10	B-24-15		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005	NA
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	91	93	91	92	
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; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/06/08
	Client Contact: Eric Syrstad	Date Received: 11/07/08
	Client P.O.:	Date Analyzed 11/09/08-11/11/08
		Date Extracted: 11/07/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811272

Lab ID	0811272-009A	0811272-010A	0811272-011A	0811272-012A	Reporting Limit for DF =1	
Client ID	B-24-20	B-24-25	B-24-29.5	B-25-5		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005	NA
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	102	103	100	92	
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; N/A means analyte not applicable to this analysis.

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

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/06/08
	Client Contact: Eric Syrstad	Date Received: 11/07/08
	Client P.O.:	Date Extracted: 11/11/08
		Date Analyzed 11/11/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811272

Lab ID	0811272-013B	0811272-014B	0811272-015B		Reporting Limit for DF =1	
Client ID	B-28-30	B-27-30	B-26-30			
Matrix	W	W	W			
DF	1	5	1			

Compound	Concentration			ug/kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND<2.5	ND	NA	0.5
t-Butyl alcohol (TBA)	2.8	ND<10	ND	NA	2.0
1,2-Dibromoethane (EDB)	ND	ND<2.5	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	3.9	3.5	ND	NA	0.5
Diisopropyl ether (DIPE)	ND	ND<2.5	ND	NA	0.5
Ethanol	ND	ND<250	ND	NA	50
Ethyl tert-butyl ether (ETBE)	ND	ND<2.5	ND	NA	0.5
Methyl-t-butyl ether (MTBE)	29	150	0.54	NA	0.5

Surrogate Recoveries (%)

%SS1:	101	102	103		
Comments	b1		b1		

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/06/08
	Client Contact: Eric Syrstad	Date Received: 11/07/08
	Client P.O.:	Date Analyzed: 11/08/08-11/11/08
		Date Extracted: 11/07/08

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

Extraction method: SW5030B

Analytical methods: SW8021B/8015Cm

Work Order: 0811272

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-26-10	S	ND	---	ND	ND	ND	ND	1	91
002A	B-26-15	S	ND	---	ND	ND	ND	ND	1	92
003A	B-26-20	S	ND	---	ND	ND	ND	ND	1	91
004A	B-26-25	S	ND	---	ND	ND	ND	ND	1	93
005A	B-26-29.5	S	ND	---	ND	ND	ND	ND	1	101
006A	B-24-5.5	S	ND	---	ND	ND	ND	ND	1	80
007A	B-24-10	S	ND	---	ND	ND	ND	ND	1	88
008A	B-24-15	S	ND	---	ND	ND	ND	ND	1	100
009A	B-24-20	S	ND	---	ND	ND	ND	ND	1	93
010A	B-24-25	S	ND	---	ND	ND	ND	ND	1	94
011A	B-24-29.5	S	ND	---	ND	ND	ND	ND	1	91
012A	B-25-5	S	ND	---	ND	ND	ND	ND	1	84

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

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
 Web: www.mccampbell.com E-mail: main@mccampbell.com
 Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/06/08
	Client Contact: Eric Syrstad	Date Received: 11/07/08
	Client P.O.:	Date Extracted: 11/08/08
		Date Analyzed: 11/08/08

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0811272

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
013A	B-28-30	W	ND,b1	---	ND	ND	ND	ND	1	94
014A	B-27-30	W	ND	---	ND	ND	ND	ND	1	95
015A	B-26-30	W	ND,b1	---	ND	ND	ND	ND	1	95

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5	0.5	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	0.005	mg/Kg

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 11/06/08
	Client Contact: Eric Syrstad	Date Received: 11/07/08
	Client P.O.:	Date Analyzed 11/08/08-11/11/08
		Date Extracted: 11/07/08

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550C

Analytical methods: SW8015B

Work Order: 0811272

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0811272-001A	B-26-10	S	ND	1	116
0811272-002A	B-26-15	S	ND	1	117
0811272-003A	B-26-20	S	ND	1	107
0811272-004A	B-26-25	S	ND	1	117
0811272-005A	B-26-29.5	S	ND	1	104
0811272-006A	B-24-5.5	S	ND	1	110
0811272-007A	B-24-10	S	ND	1	106
0811272-008A	B-24-15	S	ND	1	90
0811272-009A	B-24-20	S	ND	1	106
0811272-010A	B-24-25	S	ND	1	104
0811272-011A	B-24-29.5	S	ND	1	91
0811272-012A	B-25-5	S	ND	1	111

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	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.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39480

WorkOrder 0811272

EPA Method: SW8015B		Extraction SW3510C/Dawn Zemo Separation							Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	109	108	0.694	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	107	108	1.16	N/A	N/A	70 - 130	30

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

BATCH 39480 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811272-013C	11/06/08 12:30 PM	11/07/08	11/14/08 11:28 AM	0811272-014C	11/06/08 2:30 PM	11/07/08	11/13/08 7:01 PM
0811272-015C	11/06/08 4:30 PM	11/07/08	11/13/08 8:12 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.

 QA/QC Officer



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39482

WorkOrder 0811272

Analyte	Extraction SW5030B								Spiked Sample ID: 0811212-001A			
	Sample mg/Kg	Spiked mg/Kg	MS % Rec.	MSD % Rec.	MS-MSD % RPD	LCS % Rec.	LCSD % Rec.	LCS-LCSD % RPD	Acceptance Criteria (%)			
tert-Amyl methyl ether (TAME)	ND	0.050	91.3	92.7	1.60	92.9	86.3	7.38	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	97.4	89.7	8.21	96.6	87.7	9.58	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	101	100	1.17	101	98.5	2.49	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	96.7	99.2	2.61	100	91.3	9.41	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	95.4	99.2	3.88	99.3	91.7	7.93	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	105	108	2.63	108	99.6	8.12	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	92.1	91.6	0.493	94.3	85.4	9.82	60 - 130	30	60 - 130	30
%SSI:	100	0.12	90	90	0	90	89	0.931	70 - 130	30	70 - 130	30

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

BATCH 39482 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811272-011A	11/06/08 10:38 AM	11/07/08	11/11/08 2:40 AM	0811272-012A	11/06/08 11:15 AM	11/07/08	11/11/08 3:55 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39494

WorkOrder 0811272

Analyte	EPA Method SW8021B/8015Cm		Extraction SW5030B						Spiked Sample ID: 0811242-011A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [‡]	ND	0.60	93.5	91.7	1.98	92.5	93.5	1.10	70 - 130	20	70 - 130	20
MTBE	ND	0.10	105	107	1.47	91.4	100	8.93	70 - 130	20	70 - 130	20
Benzene	ND	0.10	96.9	90.9	6.38	86.8	96.2	10.4	70 - 130	20	70 - 130	20
Toluene	ND	0.10	107	100	6.41	97.1	107	9.30	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	106	99	6.48	96.1	105	8.80	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	116	110	5.56	106	115	8.49	70 - 130	20	70 - 130	20
%SS:	82	0.10	100	94	5.60	95	100	5.16	70 - 130	20	70 - 130	20

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

BATCH 39494 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811272-001A	11/06/08 12:48 PM	11/07/08	11/08/08 9:46 AM	0811272-002A	11/06/08 1:09 PM	11/07/08	11/08/08 6:22 PM
0811272-003A	11/06/08 1:33 PM	11/07/08	11/08/08 6:52 PM	0811272-004A	11/06/08 1:55 PM	11/07/08	11/08/08 9:16 AM
0811272-005A	11/06/08 2:16 PM	11/07/08	11/08/08 7:23 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.

‡ 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39495

WorkOrder 0811272

EPA Method SW8015B		Extraction SW3550C							Spiked Sample ID: 0811242-011A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	20	97.7	96.4	1.24	101	102	1.73	70 - 130	30	70 - 130	30
%SS:	106	50	110	111	0.164	104	103	1.13	70 - 130	30	70 - 130	30

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

BATCH 39495 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811272-001A	11/06/08 12:48 PM	11/07/08	11/08/08 1:37 AM	0811272-002A	11/06/08 1:09 PM	11/07/08	11/08/08 9:23 AM
0811272-003A	11/06/08 1:33 PM	11/07/08	11/08/08 2:44 AM	0811272-004A	11/06/08 1:55 PM	11/07/08	11/08/08 3:50 AM
0811272-005A	11/06/08 2:16 PM	11/07/08	11/08/08 6:03 AM	0811272-006A	11/06/08 8:15 AM	11/07/08	11/11/08 8:12 PM
0811272-007A	11/06/08 8:53 AM	11/07/08	11/08/08 3:50 AM	0811272-008A	11/06/08 9:00 AM	11/07/08	11/08/08 10:30 AM
0811272-009A	11/06/08 9:46 AM	11/07/08	11/08/08 11:37 AM	0811272-010A	11/06/08 10:08 AM	11/07/08	11/08/08 12:44 PM
0811272-011A	11/06/08 10:38 AM	11/07/08	11/08/08 4:57 AM	0811272-012A	11/06/08 11:15 AM	11/07/08	11/11/08 11:37 PM

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

% Recovery = $100 * (MS - \text{Sample}) / (\text{Amount Spiked})$; 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.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39496

WorkOrder 0811272

Analyte	Extraction SW5030B									Spiked Sample ID: 0811242-011A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)				
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
tert-Amyl methyl ether (TAME)	ND	0.050	94.5	90.2	4.66	88.6	88.8	0.203	60 - 130	30	60 - 130	30	
t-Butyl alcohol (TBA)	ND	0.25	100	90.3	10.6	89.9	89.4	0.532	60 - 130	30	60 - 130	30	
1,2-Dibromoethane (EDB)	ND	0.050	108	102	5.64	96.2	97.5	1.35	60 - 130	30	60 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	0.050	104	99.4	4.58	95.6	96.5	0.894	60 - 130	30	60 - 130	30	
Diisopropyl ether (DIPE)	ND	0.050	102	99.3	2.89	92.3	92.9	0.673	60 - 130	30	60 - 130	30	
Ethyl tert-butyl ether (ETBE)	ND	0.050	110	105	4.58	102	102	0	60 - 130	30	60 - 130	30	
Methyl-t-butyl ether (MTBE)	ND	0.050	95.2	88.9	6.74	87.4	88.2	1.00	60 - 130	30	60 - 130	30	
%SS1:	93	0.12	89	89	0	91	90	0.704	70 - 130	30	70 - 130	30	

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

BATCH 39496 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811272-001A	11/06/08 12:48 PM	11/07/08	11/09/08 4:05 AM	0811272-002A	11/06/08 1:09 PM	11/07/08	11/09/08 4:48 AM
0811272-003A	11/06/08 1:33 PM	11/07/08	11/09/08 5:30 AM	0811272-004A	11/06/08 1:55 PM	11/07/08	11/09/08 6:13 AM
0811272-005A	11/06/08 2:16 PM	11/07/08	11/09/08 6:56 AM	0811272-006A	11/06/08 8:15 AM	11/07/08	11/11/08 3:13 PM
0811272-007A	11/06/08 8:53 AM	11/07/08	11/11/08 4:41 AM	0811272-008A	11/06/08 9:00 AM	11/07/08	11/11/08 5:23 AM
0811272-009A	11/06/08 9:46 AM	11/07/08	11/11/08 1:24 AM	0811272-010A	11/06/08 10:08 AM	11/07/08	11/11/08 2:02 AM

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

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

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

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

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39514

WorkOrder 0811272

Analyte	Extraction SW5030B								Spiked Sample ID: 0811252-010A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	60	94.8	96.3	1.53	113	108	4.87	70 - 130	20	70 - 130	20
MTBE	ND	10	95.1	97.9	2.83	99.9	89.4	11.1	70 - 130	20	70 - 130	20
Benzene	ND	10	87.8	93.2	5.92	116	113	2.98	70 - 130	20	70 - 130	20
Toluene	ND	10	87.9	92.7	5.32	114	111	3.37	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	92.5	96.8	4.53	119	115	3.37	70 - 130	20	70 - 130	20
Xylenes	ND	30	102	107	4.49	115	111	3.12	70 - 130	20	70 - 130	20
%SS:	93	10	92	93	0.932	99	99	0	70 - 130	20	70 - 130	20

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

BATCH 39514 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811272-013A	11/06/08 12:30 PM	11/08/08	11/08/08 7:43 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, or inconsistency in sample containers.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39515

WorkOrder 0811272

EPA Method SW8260B		Extraction SW5030B							Spiked Sample ID: 0811252-006B			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	107	105	1.73	110	113	2.12	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	95.8	94	1.95	100	102	2.13	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	125	116	7.43	111	116	4.45	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	111	108	2.77	121	125	3.81	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	103	101	1.55	113	116	3.04	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	117	115	2.23	125	128	2.56	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	98.6	96.4	2.25	105	108	3.35	70 - 130	30	70 - 130	30
%SSI:	102	25	91	90	1.22	97	98	1.02	70 - 130	30	70 - 130	30

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

BATCH 39515 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811272-013B	11/06/08 12:30 PM	11/11/08	11/11/08 1:37 AM	0811272-014B	11/06/08 2:30 PM	11/11/08	11/11/08 2:20 AM
0811272-015B	11/06/08 4:30 PM	11/11/08	11/11/08 3:03 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39531

WorkOrder 0811272

Analyte	EPA Method SW8021B/8015Cm		Extraction SW5030B						Spiked Sample ID: 0811272-012A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	0.60	92	93.5	1.58	90.5	97.6	7.60	70 - 130	20	70 - 130	20
MTBE	ND	0.10	90.5	86.9	4.12	87.5	84.2	3.80	70 - 130	20	70 - 130	20
Benzene	ND	0.10	90.8	89.8	1.12	97.6	94.2	3.62	70 - 130	20	70 - 130	20
Toluene	ND	0.10	86.1	84.2	2.19	92.2	89	3.60	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	95.5	95.2	0.375	104	97.5	6.08	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	92.9	90.4	2.71	96	95.4	0.568	70 - 130	20	70 - 130	20
%SS:	84	0.10	92	91	0.957	100	93	6.98	70 - 130	20	70 - 130	20

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

BATCH 39531 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811272-006A	11/06/08 8:15 AM	11/07/08	11/10/08 11:51 PM	0811272-007A	11/06/08 8:53 AM	11/07/08	11/08/08 10:16 AM
0811272-008A	11/06/08 9:00 AM	11/07/08	11/08/08 8:23 PM	0811272-009A	11/06/08 9:46 AM	11/07/08	11/08/08 2:19 PM
0811272-010A	11/06/08 10:08 AM	11/07/08	11/08/08 2:50 PM	0811272-011A	11/06/08 10:38 AM	11/07/08	11/08/08 7:53 PM
0811272-012A	11/06/08 11:15 AM	11/07/08	11/11/08 12:25 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39532

WorkOrder 0811272

Analyte	EPA Method SW8021B/8015Cm Extraction SW5030B								Spiked Sample ID: 0811275-001A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	60	107	104	2.39	89.4	91.4	2.21	70 - 130	20	70 - 130	20
MTBE	ND	10	99.1	94.2	5.07	98.8	89.9	9.44	70 - 130	20	70 - 130	20
Benzene	ND	10	113	113	0	86.6	95.1	9.37	70 - 130	20	70 - 130	20
Toluene	ND	10	112	114	2.21	96.6	106	9.42	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	116	119	2.37	94.7	105	9.92	70 - 130	20	70 - 130	20
Xylenes	ND	30	114	113	0.615	105	115	9.10	70 - 130	20	70 - 130	20
%SS:	97	10	91	97	7.36	96	103	6.60	70 - 130	20	70 - 130	20

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

BATCH 39532 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811272-014A	11/06/08 2:30 PM	11/08/08	11/08/08 8:17 PM	0811272-015A	11/06/08 4:30 PM	11/08/08	11/08/08 9:24 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, or inconsistency in sample containers.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; GOLDEN EMPIRE PROPERTIES	Date Sampled: 11/09/08
	Client Contact: Eric Syrstad	Date Received: 11/10/08
	Client P.O.:	Date Reported: 11/14/08
		Date Completed: 11/14/08

WorkOrder: 0811317

November 14, 2008

Dear Eric:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#130105; GOLDEN EMPIRE PROPE**
- 2) A QC report for the above sample,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

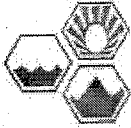
All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.



McCAMPBELL ANALYTICAL, INC.
 1534 WILLOW PASS ROAD
 PITTSBURG, CA 94565-1701
 Website: www.mccampbell.com Email: main@mccampbell.com
 Telephone: (877) 252-9262 Fax: (925) 252-9269

0811817

CHAIN OF CUSTODY RECORD
 TURN AROUND TIME RUSH 24 HR 48 HR 72 HR 5 DAY
 GeoTracker EDF PDF Excel Write On (DW)
 Check if sample is effluent and "J" flag is required

Report To: CRA - Eric Syrstad Bill To: CRA
 Company: Conestoga-Rovers & Associates (CRA)
 5900 Hollis Street, Ste A, Emeryville, CA 94608
 E-Mail: ESYRSTAD@CRAWORLD.COM CC: MJONAS@CRAWORLD.COM
 Tele: 510-420-0700 Fax: (510) 420-9170
 Project #: 130105 Project Name: GOLDEN EMPIRE PROPERTIES
 Project Location: 3055 35TH AVE, OAKLAND, CA
 Sampler Signature: *[Signature]*

Analysis Request Other Comments

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED								
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other					
D-1A		11/9/08	15:20	1	abd	X													
D-2A			15:20	1	abd	X													
D-3A			15:20	1	abd	X													
D-4A			15:20	1	abd	X													

BTX & TPH as Gas (602 / 8021 / 8015) MTBE																			
TPH as Diesel (8015)																			
Total Petroleum Oil & Grease (1664 / 5530 / B&E)																			
Total Petroleum Hydrocarbons (418,1)																			
EPA 502.2 / 601 / 8010 / 3021 (HVOCs)																			
MTBE / BTEX ONLY (EPA 602 / 8021)																			
EPA 805 / 608 / 8081 (CI Pesticides)																			
EPA 608 / 8082 PCBs ONLY: Aroclors / Congeners																			
EPA 507 / 8141 (NP Pesticides)																			
EPA 515 / 8151 (Acidic CI Herbicides)																			
EPA 524.2 / 624 / 8260 (VOCs)																			
EPA 525.2 / 625 / 8270 (SVOCs)																			
EPA 8270 SIM / 8310 (PAHs / PNAs)																			
CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)																			
LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)																			
Lead (200.7 / 200.8 / 6010 / 6020)																			
NIIE, TAME, DIPE, TBA, ECH, EEBE, EDB, EDC by 8260																			
Dawn Zemo Gravity Separation																			

Filter Samples for Metals analysis: Yes / No

Relinquished By: *[Signature]* Date: 11/9/08 Time: 15:48 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date: 11/9/08 Time: 3:00 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date: 11/9/08 Time: 3:00 Received By: *[Signature]*

ICE/P *7.2*
 GOOD CONDITION
 HEAD SPACE ABSENT
 DECHLORINATED IN LAB
 APPROPRIATE CONTAINERS
 PRESERVED IN LAB
 COMMENTS: 4 point composite
 VOAS O&G METALS OTHER
 PRESERVATION pH-C

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0811317

ClientCode: CETE

WriteOn

EDF

Excel

Fax

Email

HardCopy

ThirdParty

J-flag

Report to:

Eric Syrstad
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: esyrstad@craworld.com
cc:
PO:
ProjectNo: #130105; GOLDEN EMPIRE
PROPERTIES

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 11/10/2008

Date Printed: 11/10/2008

(510) 420-0700 FAX (510) 420-9170

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		
0811317-001	D-1A,2A,3A,4A	Soil	11/9/2008 15:20	<input type="checkbox"/>	A	A	A											

Test Legend:

1	CAM17MS_S
6	
11	

2	G-MBTEX_S
7	
12	

3	TPH(D)_S
8	

4	
9	

5	
10	

Prepared by: Ana Venegas

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.



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Project Name: **#130105; GOLDEN EMPIRE PROPERTIES**
WorkOrder N°: **0811317** Matrix Soil

Date and Time Received: **11/10/08 3:50:18 PM**
Checklist completed and reviewed by: **Ana Venegas**
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 7.2°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

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

Client contacted:

Date contacted:

Contacted by:

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; GOLDEN EMPIRE PROPERTIES	Date Sampled: 11/09/08
	Client Contact: Eric Syrstad	Date Received 11/10/08
	Client P.O.:	Date Extracted 11/10/08
		Date Analyzed 11/14/08

CAM / CCR 17 Metals*

Lab ID	0811317-001A				Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	D-1A,2A,3A,4A				S	W
Matrix	S				mg/Kg	mg/L
Extraction Type	TOTAL					

ICP-MS Metals, Concentration*

Analytical Method: 6020A

Extraction Method: SW3050B

Work Order: 0811317

Dilution Factor	1			1	1
Antimony	ND			0.5	NA
Arsenic	5.4			0.5	NA
Barium	150			5.0	NA
Beryllium	ND			0.5	NA
Cadmium	ND			0.25	NA
Chromium	86			0.5	NA
Cobalt	9.7			0.5	NA
Copper	24			0.5	NA
Lead	16			0.5	NA
Mercury	0.083			0.05	NA
Molybdenum	0.53			0.5	NA
Nickel	81			0.5	NA
Selenium	ND			0.5	NA
Silver	ND			0.5	NA
Thallium	ND			0.5	NA
Vanadium	49			0.5	NA
Zinc	55			5.0	NA
%SS:	104				

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; N/A means not applicable to this sample or instrument.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com B-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; GOLDEN EMPIRE PROPERTIES	Date Sampled: 11/09/08
	Client Contact: Eric Syrstad	Date Received: 11/10/08
	Client P.O.:	Date Extracted: 11/10/08
		Date Analyzed 11/12/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3550C

Analytical methods: SW8015B

Work Order: 0811317

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0811317-001A	D-1A,2A,3A,4A	S	ND	1	112

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	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.

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

AR Angela Rydelius, Lab Manager



QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0811317

EPA Method 6020A		Extraction SW3050B					BatchID: 39548			Spiked Sample ID 0811295-010A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	ND	50	103	104	1.24	10	109	108	0.925	70 - 130	20	80 - 120	20
Arsenic	2.4	50	105	106	0.345	10	106	108	1.59	70 - 130	20	80 - 120	20
Barium	46	500	110	111	0.922	100	105	102	2.80	70 - 130	20	80 - 120	20
Beryllium	ND	50	92.4	93.2	0.902	10	108	106	2.16	70 - 130	20	80 - 120	20
Cadmium	ND	50	102	102	0	10	105	103	1.83	70 - 130	20	80 - 120	20
Chromium	36	50	97.8	99.6	1.06	10	112	111	0.448	70 - 130	20	80 - 120	20
Cobalt	4.7	50	98.2	100	1.58	10	110	109	1.01	70 - 130	20	80 - 120	20
Copper	3.9	50	101	101	0	10	105	103	1.54	70 - 130	20	80 - 120	20
Lead	2.4	50	107	108	0.799	10	102	100	1.48	70 - 130	20	80 - 120	20
Mercury	ND	1.25	104	104	0	0.25	108	108	0	70 - 130	20	80 - 120	20
Molybdenum	ND	50	105	105	0	10	100	101	0.596	70 - 130	20	80 - 120	20
Nickel	26	50	102	103	1.01	10	107	104	2.27	70 - 130	20	80 - 120	20
Selenium	ND	50	104	105	0.997	10	113	113	0	70 - 130	20	80 - 120	20
Silver	ND	50	103	103	0	10	105	104	1.05	70 - 130	20	80 - 120	20
Thallium	ND	50	108	109	0.718	10	95.7	96.4	0.729	70 - 130	20	80 - 120	20
Vanadium	33	50	101	103	1.15	10	111	110	1.36	70 - 130	20	80 - 120	20
Zinc	17	500	103	104	0.915	100	105	104	1.53	70 - 130	20	80 - 120	20
%SS:	99	250	98	100	1.99	250	107	103	3.31	70 - 130	20	70 - 130	20

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

BATCH 39548 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811317-001A	11/09/08 3:20 PM	11/10/08	11/14/08 5:33 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39542

WorkOrder: 0811317

EPA Method SW8021B/8015Cm		Extraction SW5030B							Spiked Sample ID: 0811289-024A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	95.9	94	1.96	94.7	94.4	0.379	70 - 130	20	70 - 130	20
MTBE	ND	0.10	82.7	86	3.91	83.9	85.4	1.72	70 - 130	20	70 - 130	20
Benzene	ND	0.10	93.8	95.9	2.21	89.7	92.5	3.16	70 - 130	20	70 - 130	20
Toluene	ND	0.10	87.3	88.7	1.65	81.9	82.7	0.924	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	98.1	99.8	1.67	91.4	92.1	0.705	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	95.8	94.6	1.30	87.2	89.8	2.96	70 - 130	20	70 - 130	20
%SS:	84	0.10	92	95	2.55	88	88	0	70 - 130	20	70 - 130	20

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

BATCH 39542 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811317-001A	11/09/08 3:20 PM	11/10/08	11/12/08 12:48 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39536

WorkOrder: 0811317

EPA Method SW8015B		Extraction SW3550C							Spiked Sample ID: 0811280-012B			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	4.6	20	111	112	0.551	103	102	0.972	70 - 130	30	70 - 130	30
%SS:	91	50	117	118	0.642	108	107	0.813	70 - 130	30	70 - 130	30

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

BATCH 39536 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811317-001A	11/09/08 3:20 PM	11/10/08	11/12/08 6:27 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 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.

DHS ELAP Certification 1644

 QA/QC Officer

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; GOLDEN EMPIRE PROPERTIES	Date Sampled: 11/07/08
	Client Contact: Eric Syrstad	Date Received: 11/10/08
	Client P.O.:	Date Reported: 11/14/08
		Date Completed: 11/13/08

WorkOrder: 0811318

November 14, 2008

Dear Eric:

Enclosed within are:

- 1) The results of the 7 analyzed samples from your project: **#130105; GOLDEN EMPIRE PROPE**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

0811318



McCAMPBELL ANALYTICAL, INC.
 1534 WILLOW PASS ROAD
 PITTSBURG, CA 94565-1701
 Website: www.mccampbell.com Email: main@mccampbell.com
 Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD
 TURN AROUND TIME
 RUSH 24 HR 48 HR 72 HR 5 DAY
 GeoTracker EDF PDF Excel Write On (DW)
 Check if sample is effluent and "J" flag is required

Report To: CRA - Eric Syrstad Bill To: CRA
 Company: Conestoga-Rovers & Associates (CRA)
 5900 Hollis Street, Ste A, Emeryville, CA 94608
 E-Mail: ESYRSTAD@CRAWORLD.COM CC: MJONAS@CRAWORLD.COM
 Tele: 510-420-0700 Fax: (510) 420-9170
 Project #: 130105 Project Name: GOLDEN EMPIRE PROPERTIES
 Project Location: 3055 35TH AVE, OAKLAND, CA
 Sampler Signature: *[Signature]*

Analysis Request										Other	Comments	
BIEX & TPH as Gas (602 / 8021 + 8015)												
TPH as Diesel (8015)												
Total Petroleum Oil & Grease (1064 / 5520 E/D&F)												
Total Petroleum Hydrocarbons (418.1)												
EPA 502.2 / 601 / 3010 / 8021 (HVOCS)												
MUTRE / BIEX ONLY (EPA 602 / 8021)												
EPA 8054 / 608 / 9081 (CI Pesticides)												
EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners												
EPA 507 / 8141 (NP Pesticides)												
EPA 815 / 8151 (Aldole CI Herbicides)												
EPA 534.2 / 624 / 8260 (VOCs)												
EPA 535.2 / 625 / 8270 (SVOCs)												
EPA 8270 SIM / 8310 (PAHs / RNAs)												
CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)												
LAUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)												
Lead (200.7 / 200.8 / 6010 / 6020)												
MUTRE, TAME, DIFE, TEA, BOM, ETBE, EDB, EDC, BY 8250												
Dawn Zema Gravity Separation												

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED								
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other					
B-25-10		11/7/08	11:47	1	Tube	X					X								
B-25-15			12:08	1	Tube	X					X								
B-25-22			12:30	1	Tube	X					X								
B-25-25			12:40	1	Tube	X					X								
B-25-29.5			13:00	1	Tube	X					X								
B-24-30			8:45	2	VOA	X					X	X							
B-24-30			8:45	2	VOA	X					X	X							
B-24-30			8:45	1	VOA	X					X								X
B-25-30			15:30	2	VOA	X					X	X							
B-25-30			15:30	2	VOA	X					X	X							
B-26-30			15:30	1	VOA	X					X								

Relinquished By: *[Signature]* Date: 11/7/08 Time: 16:30 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date: 11/10 Time: 10:30 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date: 11/10 Time: 3:00 Received By: *[Signature]*

ICEP 8-0
 COMMENTS:
 GOOD CONDITION
 HEAD SPACE ABSENT
 DECHLORINATED IN LAB
 APPROPRIATE CONTAINERS
 PRESERVED IN LAB
 PRESERVATION VOAS O&G METALS OTHER pH<2

+
HIO

Disturbed

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0811318

ClientCode: CETE

WriteOn
 EDF
 Excel
 Fax
 Email
 HardCopy
 ThirdParty
 J-flag

Report to:

Eric Syrstad
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: esyrstad@croworld.com
cc:
PO:
ProjectNo: #130105; GOLDEN EMPIRE
PROPERTIES

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 11/10/2008

Date Printed: 11/10/2008

(510) 420-0700 FAX (510) 420-9170

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	
0811318-001	B-25-10	Soil	11/7/2008 11:47	<input type="checkbox"/>	A		A		A	A							
0811318-002	B-25-15	Soil	11/7/2008 12:08	<input type="checkbox"/>	A		A			A							
0811318-003	B-25-22	Soil	11/7/2008 12:30	<input type="checkbox"/>	A		A			A							
0811318-004	B-25-25	Soil	11/7/2008 12:40	<input type="checkbox"/>	A		A			A							
0811318-005	B-25-29.5	Soil	11/7/2008 13:00	<input type="checkbox"/>	A		A			A							
0811318-006	B-24-30	Water	11/7/2008 8:45	<input type="checkbox"/>		B		A				C					
0811318-007	B-25-30	Water	11/7/2008 15:30	<input type="checkbox"/>		B		A				C					

Test Legend:

1	9-OXYS S
6	TPH(D) S
11	

2	9-OXYS W
7	TPH(D) W
12	

3	G-MBTEX S
8	

4	G-MBTEX W
9	

5	PREF REPORT
10	

Prepared by: Ana Venegas

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.



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Project Name: **#130105; GOLDEN EMPIRE PROPERTIES**
WorkOrder N°: **0811318** Matrix Soil/Water

Date and Time Received: **11/10/08 4:03:36 PM**
Checklist completed and reviewed by: **Ana Venegas**
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 8°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

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

Client contacted:

Date contacted:

Contacted by:

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; GOLDEN EMPIRE PROPERTIES	Date Sampled: 11/07/08
	Client Contact: Eric Syrstad	Date Received: 11/10/08
	Client P.O.:	Date Analyzed 11/11/08-11/12/08
		Date Extracted: 11/10/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811318

Lab ID	0811318-001A	0811318-002A	0811318-003A	0811318-004A	Reporting Limit for DF = 1	
Client ID	B-25-10	B-25-15	B-25-22	B-25-25		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005	NA
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethanol	ND	ND	ND	ND	0.5	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	102	94	93	94	
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; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; GOLDEN EMPIRE PROPERTIES	Date Sampled: 11/07/08
	Client Contact: Eric Syrstad	Date Received: 11/10/08
	Client P.O.:	Date Extracted: 11/10/08
		Date Analyzed 11/11/08-11/12/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811318

Lab ID	0811318-005A				Reporting Limit for DF =1	
Client ID	B-25-29.5					
Matrix	S					
DF	1					S

Compound	Concentration				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND				0.005	NA
t-Butyl alcohol (TBA)	ND				0.05	NA
1,2-Dibromoethane (EDB)	ND				0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND				0.004	NA
Diisopropyl ether (DIPE)	ND				0.005	NA
Ethanol	ND				0.5	NA
Ethyl tert-butyl ether (ETBE)	ND				0.005	NA
Methyl-t-butyl ether (MTBE)	ND				0.005	NA

Surrogate Recoveries (%)

%SSI:	97				
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; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; GOLDEN EMPIRE PROPERTIES	Date Sampled: 11/07/08
	Client Contact: Eric Syrstad	Date Received: 11/10/08
	Client P.O.:	Date Extracted: 11/12/08
		Date Analyzed 11/12/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0811318

Lab ID	0811318-006B	0811318-007B			Reporting Limit for DF = 1
Client ID	B-24-30	B-25-30			
Matrix	W	W			
DF	1	1			

Compound	Concentration		ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	NA	0.5
t-Butyl alcohol (TBA)	ND	2.2	NA	2.0
1,2-Dibromoethane (EDB)	ND	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	NA	0.5
Diisopropyl ether (DIPE)	ND	ND	NA	0.5
Ethanol	600	ND	NA	50
Ethyl tert-butyl ether (ETBE)	ND	ND	NA	0.5
Methyl-t-butyl ether (MTBE)	1.2	12	NA	0.5

Surrogate Recoveries (%)

%SS1:	106	105		
Comments		b1		

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; GOLDEN EMPIRE PROPERTIES	Date Sampled: 11/07/08
	Client Contact: Eric Syrstad	Date Received: 11/10/08
	Client P.O.:	Date Extracted: 11/10/08-11/13/08
		Date Analyzed 11/12/08-11/13/08

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0811318

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	%SS
001A	B-25-10	S	ND	---	ND	ND	ND	ND	1	88
002A	B-25-15	S	ND	---	ND	ND	ND	ND	1	90
003A	B-25-22	S	ND	---	ND	ND	ND	ND	1	90
004A	B-25-25	S	ND	---	ND	ND	ND	ND	1	91
005A	B-25-29.5	S	ND	---	ND	ND	ND	ND	1	90
006A	B-24-30	W	ND	---	ND	ND	ND	ND	1	96
007A	B-25-30	W	ND,b1	---	ND	ND	ND	ND	1	96

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5	0.5	0.5	0.5	0.5	µg/L
	S	1	0.05	0.005	0.005	0.005	0.005	mg/Kg

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; GOLDEN EMPIRE PROPERTIES	Date Sampled: 11/07/08
	Client Contact: Eric Syrstad	Date Received: 11/10/08
	Client P.O.:	Date Analyzed 11/11/08-11/13/08
		Date Extracted: 11/10/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3510C/SW3550C

Analytical methods: SW8015B

Work Order: 0811318

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0811318-001A	B-25-10	S	ND	1	116
0811318-002A	B-25-15	S	ND	1	113
0811318-003A	B-25-22	S	ND	1	113
0811318-004A	B-25-25	S	ND	1	112
0811318-005A	B-25-29.5	S	ND	1	110
0811318-006C	B-24-30	W	73,e2	1	108
0811318-007C	B-25-30	W	330,e7,e2,e6,b1	1	107

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

* water 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.

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

- b1) aqueous sample that contains greater than ~1 vol. % sediment
- e2) diesel range compounds are significant; no recognizable pattern
- e6) one to a few isolated peaks present in the THP(d/mo) chromatogram
- e7) oil range compounds are significant



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39535

WorkOrder 0811318

EPA Method SW8015B		Extraction SW3510C							Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diescl (C10-C23)	N/A	1000	N/A	N/A	N/A	107	106	0.485	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	108	107	0.762	N/A	N/A	70 - 130	30

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

BATCH 39535 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811318-006C	11/07/08 8:45 AM	11/10/08	11/12/08 11:45 PM	0811318-007C	11/07/08 3:30 PM	11/10/08	11/13/08 6:19 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.

DHS ELAP Certification 1644

 QA/QC Officer



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39537

WorkOrder 0811318

EPA Method SW8021B/8015Cm		Extraction SW5030B							Spiked Sample ID: 0811320-002B			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	60	102	106	3.43	80.5	83.8	3.99	70 - 130	20	70 - 130	20
MTBE	ND	10	97.2	112	14.2	112	101	10.6	70 - 130	20	70 - 130	20
Benzene	ND	10	111	111	0	93.2	86.4	7.57	70 - 130	20	70 - 130	20
Toluene	ND	10	109	111	1.74	104	94.5	9.50	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	114	114	0	100	90.1	10.4	70 - 130	20	70 - 130	20
Xylenes	ND	30	111	111	0	112	99.7	11.5	70 - 130	20	70 - 130	20
%SS:	93	10	95	99	3.46	97	97	0	70 - 130	20	70 - 130	20

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

BATCH 39537 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811318-006A	11/07/08 8:45 AM	11/12/08	11/12/08 6:36 AM	0811318-007A	11/07/08 3:30 PM	11/13/08	11/13/08 12:24 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39543

WorkOrder 0811318

Analyte	Extraction SW5030B		Spiked Sample ID: 0811289-010A									
	Sample mg/Kg	Spiked mg/Kg	MS % Rec.	MSD % Rec.	MS-MSD % RPD	LCS % Rec.	LCSD % Rec.	LCS-LCSD % RPD	Acceptance Criteria (%)			
tert-Amyl methyl ether (TAME)	ND	0.050	87.1	85.4	1.91	91.9	90.2	1.81	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	92.1	86.8	5.88	97	93.5	3.61	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	95.9	97.9	2.08	100	101	0.514	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	94.6	94.3	0.336	106	99.4	6.09	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	93.3	92.9	0.368	99	97.9	1.04	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	102	100	1.48	107	106	1.24	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	87.4	85	2.83	92.5	90.8	1.86	60 - 130	30	60 - 130	30
%SSI:	102	0.12	90	89	1.27	90	90	0	70 - 130	30	70 - 130	30

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

BATCH 39543 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811318-001A	11/07/08 11:47 AM	11/10/08	11/11/08 10:00 PM	0811318-002A	11/07/08 12:08 PM	11/10/08	11/12/08 2:07 PM
0811318-003A	11/07/08 12:30 PM	11/10/08	11/12/08 3:32 PM	0811318-004A	11/07/08 12:40 PM	11/10/08	11/12/08 5:51 PM
0811318-005A	11/07/08 1:00 PM	11/10/08	11/12/08 7:50 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39493

WorkOrder 0811318

Analyte	Extraction SW5030B		Spiked Sample ID: 0811240-016A									
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	107	105	2.08	111	111	0	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	98.4	97.3	1.16	107	106	0.603	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	108	104	3.82	113	109	3.19	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	124	119	3.72	127	125	2.25	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	113	110	2.78	114	113	0.458	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	123	119	2.59	127	127	0	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	101	99.4	1.63	106	105	0.277	70 - 130	30	70 - 130	30
%SS1:	101	25	103	104	0.617	102	102	0	70 - 130	30	70 - 130	30

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

BATCH 39493 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811318-007B	11/07/08 3:30 PM	11/12/08	11/12/08 3:50 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 39533

WorkOrder 0811318

Analyte	Extraction SW5030B		Spiked Sample ID: 0811275-002B									
	Sample µg/L	Spiked µg/L	MS % Rec.	MSD % Rec.	MS-MSD % RPD	LCS % Rec.	LCSD % Rec.	LCS-LCSD % RPD	Acceptance Criteria (%)			
tert-Amyl methyl ether (TAME)	ND	10	100	101	0.302	103	104	0.669	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	94.7	93.5	1.28	100	100	0	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	114	116	1.79	109	109	0	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	112	109	2.93	103	104	1.18	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	97.9	97.2	0.769	98.4	101	2.33	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	105	105	0	113	114	0.997	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	93.8	92.9	0.936	99.3	99.5	0.270	70 - 130	30	70 - 130	30
%SS1:	105	25	96	96	0	94	93	0.651	70 - 130	30	70 - 130	30

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

BATCH 39533 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811318-006B	11/07/08 8:45 AM	11/12/08	11/12/08 3:12 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39542

WorkOrder: 0811318

Analyte	EPA Method SW8021B/8015Cm			Extraction SW5030B					Spiked Sample ID: 0811289-024A			
	Sample mg/Kg	Spiked mg/Kg	MS % Rec.	MSD % Rec.	MS-MSD % RPD	LCS % Rec.	LCSD % Rec.	LCS-LCSD % RPD	Acceptance Criteria (%)			
TPH(btex) ^f	ND	0.60	95.9	94	1.96	94.7	94.4	0.379	70 - 130	20	70 - 130	20
MTBE	ND	0.10	82.7	86	3.91	83.9	85.4	1.72	70 - 130	20	70 - 130	20
Benzene	ND	0.10	93.8	95.9	2.21	89.7	92.5	3.16	70 - 130	20	70 - 130	20
Toluene	ND	0.10	87.3	88.7	1.65	81.9	82.7	0.924	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	98.1	99.8	1.67	91.4	92.1	0.705	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	95.8	94.6	1.30	87.2	89.8	2.96	70 - 130	20	70 - 130	20
%SS:	84	0.10	92	95	2.55	88	88	0	70 - 130	20	70 - 130	20

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

BATCH 39542 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811318-001A	11/07/08 11:47 AM	11/10/08	11/12/08 1:18 AM	0811318-002A	11/07/08 12:08 PM	11/10/08	11/12/08 2:18 AM
0811318-003A	11/07/08 12:30 PM	11/10/08	11/12/08 2:48 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39559

WorkOrder: 0811318

EPA Method SW8021B/8015Cm		Extraction SW5030B							Spiked Sample ID: 0811318-005A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	0.60	91.3	91.5	0.295	89.4	94.6	5.61	70 - 130	20	70 - 130	20
MTBE	ND	0.10	104	106	2.02	98.6	99.3	0.731	70 - 130	20	70 - 130	20
Benzene	ND	0.10	85.4	86.9	1.73	82.3	88.5	7.36	70 - 130	20	70 - 130	20
Toluene	ND	0.10	95	96	0.968	91.4	98.5	7.47	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	93.7	94.8	1.16	90	97.1	7.66	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	104	104	0	99.1	108	8.17	70 - 130	20	70 - 130	20
%SS:	90	0.10	79	92	15.4	79	81	2.68	70 - 130	20	70 - 130	20

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

BATCH 39559 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811318-004A	11/07/08 12:40 PM	11/10/08	11/12/08 7:49 AM	0811318-005A	11/07/08 1:00 PM	11/10/08	11/12/08 8:19 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.

^f 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39536

WorkOrder: 0811318

Analyte	EPA Method SW8015B		Extraction SW3550C						Spiked Sample ID: 0811280-012B			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	3.7	20	115	116	0.551	103	102	0.972	70 - 130	30	70 - 130	30
%SS:	113	50	117	118	0.642	108	107	0.813	70 - 130	30	70 - 130	30

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

BATCH 39536 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811318-001A	11/07/08 11:47 AM	11/10/08	11/12/08 12:45 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.

DHS ELAP Certification 1644

 QA/QC Officer



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 39560

WorkOrder: 0811318

EPA Method SW8015B

Extraction SW3550C

Spiked Sample ID: 0811318-005A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	20	102	105	2.91	110	110	0	70 - 130	30	70 - 130	30
%SS:	110	50	107	110	3.10	108	107	1.17	70 - 130	30	70 - 130	30

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

BATCH 39560 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0811318-002A	11/07/08 12:08 PM	11/10/08	11/12/08 1:54 AM	0811318-003A	11/07/08 12:30 PM	11/10/08	11/12/08 3:02 AM
0811318-004A	11/07/08 12:40 PM	11/10/08	11/12/08 7:35 AM	0811318-005A	11/07/08 1:00 PM	11/10/08	11/11/08 11:37 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.

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/28/08
	Client Contact: Mark Jonas	Date Received: 12/29/08
	Client P.O.:	Date Reported: 01/05/09
		Date Completed: 01/05/09

WorkOrder: 0812780

January 05, 2009

Dear Mark:

Enclosed within are:

- 1) The results of the 6 analyzed samples from your project: **#130105; Golden Empire Properties**,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.



McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701

Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

0812780

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

GeoTracker EDF PDF Excel Write On (DW)

Check if sample is effluent and "J" flag is required

Report To: Mark Jones Bill To: Conestoga-Rovers & Associates
Company: Conestoga-Rovers & Associates
5900 Willis St, Ste A
Emeryville, CA
E-Mail: mark.jones@conestoga.com
E-Mail: mark.jones@conestoga.com
Tele: (510) 420-3307 Fax: (510) 420-9170
Project #: 130105 Project Name: Golden Empire Properties
Project Location: 3055 35th Ave, Oakland, CA
Sampler Signature: Muskan Environmental Sampling

Analysis Request

SAMPLE ID	LOCATION Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				Other	Comments			
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other					
NW-1		12-28-08	10:30	2	250 ml	X					X	X							
MN-2			2:00	1	250 ml						X	X							
MN-3			11:45	1	250 ml						X	X							
MN-4			11:00	1	250 ml						X	X							
RU-5			1:00	1	250 ml						X	X							
RU-9		X	9:20	X	X	X					X	X							

Analysis Request:
 BTEX & TPH as Gas (802 / 8021 + 8015) /
 TPH as Diesel (8015) 3000 STEEL SET checked
 Total Petroleum Oil & Grease (1664 / 5528 / 5784F)
 Total Petroleum Hydrocarbons (TPH-D)
 EPA 502.2 / 601 / 8010 / 8021 (HVOCs)
 MTBE / BTEX ONLY (EPA 603 / 8010)
 EPA 505/ 608 / 8081 (CI Pesticides)
 EPA 608 / 8083 PCB's ONLY; Aroclors / Congeners
 EPA 507 / 8141 (NF Pesticides)
 EPA 515 / 8151 (Acidic CI Herbicides)
 EPA 514.1 / 634 / 8240 (VOCs)
 EPA 515.3 / 625 / 8270 (SVOCs)
 EPA 8270 SEMI / 8310 (PAHs / FNA's)
 CAN 17 Metals (200.7 / 200.8 / 6010 / 6020)
 LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)
 Lead (200.7 / 200.8 / 6010 / 6020)
 MTBE, TAME, DXP, E, 1,6-HEX, BA, FDB, S, L, EDC, by 82603

+
+
+
+
+
+

Relinquished By: <u>[Signature]</u>	Date: <u>12/29</u>	Time: <u>5:15</u>	Received By: <u>K. BURKS</u>
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICER [Signature]
 GOOD CONDITION ✓
 HEAD SPACE ABSENT ✓
 DECHLORINATED IN LAB ✓
 APPROPRIATE CONTAINERS ✓
 PRESERVED IN LAB ✓
 COMMENTS:
 TPM'd use the attached Zero Protocol
 "use protocol for gravity separation of ground water samples"
 VOAS O&G METALS OTHER
 PRESERVATION pH < 2

McC Campbell Analytical, Inc.

1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0812780

ClientCode: CETE

WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag

Report to:

Mark Jonas
 Conestoga-Rovers & Associates
 5900 Hollis St, Suite A
 Emeryville, CA 94608
 (510) 420-0700 FAX (510) 420-9170

Email: mjonas@CRAworld.com
 cc:
 PO:
 ProjectNo: #130105; Golden Empire Properties

Bill to:

Accounts Payable
 Conestoga-Rovers & Associates
 5900 Hollis St, Ste. A
 Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 12/29/2008

Date Printed: 12/31/2008

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	
0812780-001	MW-1	Water	12/28/2008 10:30	<input type="checkbox"/>	C	B	A	A									
0812780-002	MW-2	Water	12/28/2008 14:00	<input type="checkbox"/>	C	B		A									
0812780-003	MW-3	Water	12/28/2008 11:45	<input type="checkbox"/>	C	B		A									
0812780-004	MW-4	Water	12/28/2008 11:00	<input type="checkbox"/>	C	B		A									
0812780-005	RW-5	Water	12/28/2008 13:00	<input type="checkbox"/>	C	B		A									
0812780-006	RW-9	Water	12/28/2008 9:20	<input type="checkbox"/>	C	B		A									

Test Legend:

1	5-OXYS+PBSCV W	2	G-MBTEX W	3	PREF REPORT	4	TPH(DMO)-DZWSG W	5	
6		7		8		9		10	
11		12							

Prepared by: Samantha Arbuckle

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.



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Project Name: **#130105; Golden Empire Properties**
WorkOrder N°: **0812780** Matrix Water

Date and Time Received: **12/29/08 7:34:33 PM**
Checklist completed and reviewed by: **Samantha Arbuckle**
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 6.6°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLIC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

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



Client contacted: _____ Date contacted: _____ Contacted by: _____

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/28/08
	Client Contact: Mark Jonas	Date Received: 12/29/08
	Client P.O.:	Date Extracted: 12/31/08-01/01/09
		Date Analyzed: 12/31/08-01/01/09

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0812780

Lab ID	0812780-001C	0812780-002C	0812780-003C	0812780-004C	Reporting Limit for DF =1	
Client ID	MW-1	MW-2	MW-3	MW-4		
Matrix	W	W	W	W		
DF	3.3	5	20	5		

Compound	Concentration				ug/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND<1.7	ND<2.5	ND<10	ND<2.5	NA
t-Butyl alcohol (TBA)	59	110	190	55	NA	2.0
1,2-Dibromoethane (EDB)	ND<1.7	ND<2.5	ND<10	ND<2.5	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND<1.7	ND<2.5	ND<10	ND<2.5	NA	0.5
Diisopropyl ether (DIPE)	ND<1.7	ND<2.5	ND<10	ND<2.5	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND<1.7	ND<2.5	ND<10	ND<2.5	NA	0.5
Methyl-t-butyl ether (MTBE)	41	120	91	22	NA	0.5

Surrogate Recoveries (%)

%SS1:	97	104	100	103	
Comments			b6	b6	

* 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; N/A means analyte not applicable to this analysis.

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

b6) lighter than water immiscible sheen/product is present



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/28/08
	Client Contact: Mark Jonas	Date Received: 12/29/08
	Client P.O.:	Date Extracted: 12/31/08-01/01/09
		Date Analyzed: 12/31/08-01/01/09

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0812780

Lab ID	0812780-005C	0812780-006C			Reporting Limit for DF =1
Client ID	RW-5	RW-9			
Matrix	W	W			
DF	5	10			

Compound	Concentration				ug/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND<2.5	ND<5.0			NA
t-Butyl alcohol (TBA)	77	190			NA	2.0
1,2-Dibromoethane (EDB)	ND<2.5	ND<5.0			NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND<2.5	ND<5.0			NA	0.5
Diisopropyl ether (DIPE)	ND<2.5	ND<5.0			NA	0.5
Ethyl tert-butyl ether (ETBE)	ND<2.5	ND<5.0			NA	0.5
Methyl-t-butyl ether (MTBE)	81	30			NA	0.5

Surrogate Recoveries (%)

%SS1:	104	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; N/A means analyte not applicable to this analysis.

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

b6) lighter than water immiscible sheen/product is present



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 40540

WorkOrder: 0812780

Analyte	EPA Method SW8260B Extraction SW5030B								Spiked Sample ID: 0812746-012A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	101	98.3	2.73	87.1	86.2	1.04	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	102	95.5	6.92	83.6	83.8	0.173	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	112	112	0	99.6	96.7	2.86	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	113	111	1.46	98.9	97.7	1.26	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	107	105	1.47	95.6	95.3	0.242	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	121	118	2.62	106	105	0.776	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	0.52	10	106	101	4.56	94.9	93.9	1.07	70 - 130	30	70 - 130	30
%SS1:	101	25	100	100	0	97	97	0	70 - 130	30	70 - 130	30

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

BATCH 40540 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0812780-001C	12/28/08 10:30 AM	12/31/08	12/31/08 10:01 PM	0812780-002C	12/28/08 2:00 PM	12/31/08	12/31/08 10:40 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.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 40567

WorkOrder: 0812780

EPA Method SW8260B		Extraction SW5030B							Spiked Sample ID: 0812783-015B			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	79	80.1	1.46	87.1	85.6	1.72	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	71.6	72.3	1.00	81.9	80.3	1.94	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	104	104	0	115	113	1.35	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	86.4	87.9	1.75	93.5	93.2	0.368	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	85.4	87.3	2.14	93	91.8	1.33	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	93.1	94.8	1.80	102	100	1.11	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	84.8	87.1	2.68	94.1	92.7	1.53	70 - 130	30	70 - 130	30
%SS1:	99	25	98	97	0.458	97	98	1.15	70 - 130	30	70 - 130	30

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

BATCH 40567 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0812780-003C	12/28/08 11:45 AM	12/31/08	12/31/08 11:19 PM	0812780-004C	12/28/08 11:00 AM	12/31/08	12/31/08 11:58 PM
0812780-005C	12/28/08 1:00 PM	01/01/09	01/01/09 12:36 AM	0812780-006C	12/28/08 9:20 AM	01/01/09	01/01/09 1:15 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 40535

WorkOrder 0812780

EPA Method SW8021B/8015Cm		Extraction SW5030B							Spiked Sample ID: 0812764-005A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	60	104	95.7	8.50	94.4	80.7	15.7	70 - 130	20	70 - 130	20
MTBE	ND	10	111	108	2.46	97.9	105	7.20	70 - 130	20	70 - 130	20
Benzene	ND	10	91.7	82.7	10.3	91.2	89.9	1.51	70 - 130	20	70 - 130	20
Toluene	ND	10	94.6	87.2	8.17	101	99	1.75	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	94.1	87.5	7.26	98.8	96.6	2.24	70 - 130	20	70 - 130	20
Xylenes	ND	30	107	100	6.06	110	107	2.26	70 - 130	20	70 - 130	20
%SS:	100	10	102	99	2.92	97	96	1.74	70 - 130	20	70 - 130	20

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

BATCH 40535 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0812780-001B	12/28/08 10:30 AM	01/02/09	01/02/09 6:28 PM	0812780-002B	12/28/08 2:00 PM	12/31/08	12/31/08 4:27 AM
0812780-003B	12/28/08 11:45 AM	01/01/09	01/01/09 5:09 AM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 40566

WorkOrder 0812780

EPA Method SW8021B/8015Cm		Extraction SW5030B							Spiked Sample ID: 0812783-013A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	60	95.7	89.3	6.92	93.3	97.4	4.32	70 - 130	20	70 - 130	20
MTBE	ND	10	95.6	95.3	0.366	89.7	92.6	3.08	70 - 130	20	70 - 130	20
Benzene	ND	10	91.2	88.6	2.85	87.9	90.7	3.10	70 - 130	20	70 - 130	20
Toluene	ND	10	91	88.3	2.96	87.9	90.4	2.83	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	95	92.4	2.73	91.9	94.5	2.75	70 - 130	20	70 - 130	20
Xylenes	ND	30	105	102	3.25	102	105	3.11	70 - 130	20	70 - 130	20
%SS:	96	10	92	93	0.868	92	92	0	70 - 130	20	70 - 130	20

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

BATCH 40566 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0812780-004B	12/28/08 11:00 AM	12/31/08	12/31/08 5:35 AM	0812780-005B	12/28/08 1:00 PM	12/31/08	12/31/08 4:21 AM
0812780-006B	12/28/08 9:20 AM	12/31/08	12/31/08 2:47 PM	0812780-006B	12/28/08 9:20 AM	01/02/09	01/02/09 5:53 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, or inconsistency in sample containers.



QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 40536

WorkOrder 0812780

EPA Method SW8015B		Extraction SW3510C/3630C/Dawn Zemo S.G.Clean-Up							Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	95.9	102	5.88	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	98	105	7.75	N/A	N/A	70 - 130	30

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

BATCH 40536 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0812780-001A	12/28/08 10:30 AM	12/29/08	01/02/09 11:47 AM	0812780-002A	12/28/08 2:00 PM	12/29/08	01/02/09 12:56 PM
0812780-003A	12/28/08 11:45 AM	12/29/08	01/02/09 2:05 PM	0812780-004A	12/28/08 11:00 AM	12/29/08	01/02/09 11:47 AM
0812780-005A	12/28/08 1:00 PM	12/29/08	01/02/09 12:56 PM	0812780-006A	12/28/08 9:20 AM	12/29/08	01/02/09 2:05 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.

APPENDIX G

ANALYTICAL RESULTS FOR SOIL GAS



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

**(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific**



AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0705615A

Work Order Summary

CLIENT: Mr. Mark Jonas
Cambria
5900 Hollis Street
Suite A
Emeryville, CA 94608

PHONE: 510-420-0700

FAX: 510-420-9170

DATE RECEIVED: 05/30/2007

DATE COMPLETED: 06/11/2007

BILL TO: Mr. Mark Jonas
Cambria
5900 Hollis Street
Suite A
Emeryville, CA 94608

P.O. # 130105

PROJECT # 130105 Golden Empire Properties

CONTACT: Kyle Vagadori

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>
01A	SV-1-10	Modified TO-15/TICs	3.5 "Hg
01AA	SV-1-10 Lab Duplicate	Modified TO-15/TICs	3.5 "Hg
02A	SV-2-5	Modified TO-15/TICs	5.0 "Hg
03A	SV-2-10	Modified TO-15/TICs	5.5 "Hg
04A	SV-3-5	Modified TO-15/TICs	4.5 "Hg
05A	SV-3-10	Modified TO-15/TICs	4.5 "Hg
06A	SV-4-10 DUPLICATE	Modified TO-15/TICs	5.0 "Hg
07A	SV-4-10	Modified TO-15/TICs	3.5 "Hg
08A	SV-1-5A	Modified TO-15/TICs	4.0 "Hg
09A	SV-4-5A	Modified TO-15/TICs	3.0 "Hg
10A	SV-5-5	Modified TO-15/TICs	4.5 "Hg
11A	SV-5-10	Modified TO-15/TICs	4.0 "Hg
12A	SV-6-5	Modified TO-15/TICs	5.0 "Hg
12AA	SV-6-5 Lab Duplicate	Modified TO-15/TICs	5.0 "Hg
13A	SV-6-10	Modified TO-15/TICs	4.0 "Hg
14A	Trip Blank	Modified TO-15/TICs	29.0 "Hg
15A	Lab Blank	Modified TO-15/TICs	NA

Continued on next page



AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0705615A

Work Order Summary

CLIENT: Mr. Mark Jonas
Cambria
5900 Hollis Street
Suite A
Emeryville, CA 94608

BILL TO: Mr. Mark Jonas
Cambria
5900 Hollis Street
Suite A
Emeryville, CA 94608

PHONE: 510-420-0700

P.O. # 130105

FAX: 510-420-9170

PROJECT # 130105 Golden Empire Properties

DATE RECEIVED: 05/30/2007

CONTACT: Kyle Vagadori

DATE COMPLETED: 06/11/2007

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>
15B	Lab Blank	Modified TO-15/TICs	NA
16A	CCV	Modified TO-15/TICs	NA
16B	CCV	Modified TO-15/TICs	NA
17A	LCS	Modified TO-15/TICs	NA
17B	LCS	Modified TO-15/TICs	NA

CERTIFIED BY:

Laboratory Director

DATE: 06/12/07

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

**LABORATORY NARRATIVE
Modified TO-15
Conestoga-Rovers Associates
Workorder# 0705615A**

Thirteen 1 Liter Summa Canister and one 6 Liter Summa Canister samples were received on May 30, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
Daily CCV	+/- 30% Difference	<= 30% Difference with two allowed out up to <=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The number of samples received did not match the information on the Chain of Custody (COC). Sample Trip Blank was added to the analytical request.

The Chain of Custody (COC) information for sample SV-1-5A did not match the information on the canister with regard to canister identification. The client was notified of the discrepancy and the information on the canister was used to process and report the sample.

Analytical Notes

Specific analytes that are requested by the client to be reported as tentatively identified compounds (TICs) are determined by searching for each compound's characteristic spectra. If no chromatographic peak displaying the compound specific spectra exists, then the TIC is reported as not detected. Please note that the laboratory has not evaluated the stability of any heretofore tentatively identified compound in the vapor phase or for efficiency of recovery through the analytical system.

Dilution was performed on samples SV-2-10 and SV-4-10 DUPLICATE due to the presence of high level target species.

The recovery of surrogate 1,2-Dichloroethane-d4 in samples SV-4-10 DUPLICATE and SV-4-10 was outside control limits due to high level hydrocarbon matrix interference. Data is reported as qualified.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-1-10

Lab ID#: 0705615A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.1	82	4.1	300
Benzene	1.1	12	3.6	37

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	5.0%	39 J

Client Sample ID: SV-1-10 Lab Duplicate

Lab ID#: 0705615A-01AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.1	82	4.1	290
Benzene	1.1	12	3.6	38

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	9.0%	39 J

Client Sample ID: SV-2-5

Lab ID#: 0705615A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.2	12	3.9	38

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	9.0%	83 J

Client Sample ID: SV-2-10

Lab ID#: 0705615A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	12	58	42	210
Benzene	12	24	38	78



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-3-5

Lab ID#: 0705615A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.2	54	4.3	190
Benzene	1.2	4.4	3.8	14

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	5.0%	30 J

Client Sample ID: SV-3-10

Lab ID#: 0705615A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.2	11	3.8	35

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	9.0%	500 J
Propane, 2-methyl-	75-28-5	9.0%	97 J

Client Sample ID: SV-4-10 DUPLICATE

Lab ID#: 0705615A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	16	350	52	1100

Client Sample ID: SV-4-10

Lab ID#: 0705615A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	11	290	36	930

Client Sample ID: SV-1-5A

Lab ID#: 0705615A-08A



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-1-5A

Lab ID#: 0705615A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.2	4.4	3.7	14

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	59%	48 J

Client Sample ID: SV-4-5A

Lab ID#: 0705615A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.1	5.2	4.0	19
Benzene	1.1	12	3.6	38

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	5.0%	57 J

Client Sample ID: SV-5-5

Lab ID#: 0705615A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.2	4.4	4.3	16
Benzene	1.2	31	3.8	99

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	59%	1400 J
Propane, 2-methyl-	75-28-5	7.0%	300 J

Client Sample ID: SV-5-10

Lab ID#: 0705615A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.2	9.6	3.7	31



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-5-10

Lab ID#: 0705615A-11A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	10%	240 J
Propane, 2-methyl-	75-28-5	72%	89 J

Client Sample ID: SV-6-5

Lab ID#: 0705615A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.2	6.6	3.9	21

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	10%	330 J
Propane, 2-methyl-	75-28-5	9.0%	61 J

Client Sample ID: SV-6-5 Lab Duplicate

Lab ID#: 0705615A-12AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.2	6.7	3.9	21

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	9.0%	310 J
Propane, 2-methyl-	75-28-5	5.0%	58 J

Client Sample ID: SV-6-10

Lab ID#: 0705615A-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	4.7	19	17	70
Benzene	4.7	1400	15	4600



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-6-10

Lab ID#: 0705615A-13A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	47%	1700 J
Propane, 2-methyl-	75-28-5	43%	360 J

Client Sample ID: Trip Blank

Lab ID#: 0705615A-14A

No Detections Were Found.



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-1-10

Lab ID#: 0705615A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1060410	Date of Collection:	5/24/07
Dil. Factor:	2.25	Date of Analysis:	8/4/07 02:50 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.1	82	4.1	300
Benzene	1.1	12	3.6	37

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	5.0%	39 J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	93	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-1-10 Lab Duplicate

Lab ID#: 0705615A-01AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1060411	Date of Collection:	5/24/07
Dil. Factor:	2.28	Date of Analysis:	5/4/07 03:38 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.1	82	4.1	290
Benzene	1.1	12	3.6	38

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	9.0%	39 J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	93	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-2-5

Lab ID#: 0705615A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1050412	Date of Collection:	5/24/07
Dil. Factor:	2.42	Date of Analysis:	6/4/07 04:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.2	Not Detected	4.4	Not Detected
Benzene	1.2	12	3.9	38

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	9.0%	83 J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	97	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-2-10

Lab ID#: 0705615A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t060414	Date of Collection:	5/24/07
Dil. Factor:	23.5	Date of Analysis:	5/4/07 08:02 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	12	58	42	210
Benzene	12	24	38	78

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	92	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-3-5

Lab ID#: 0705615A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1060415	Date of Collection:	5/24/07
Dil. Factor:	2.38	Date of Analysis:	5/24/07 06:56 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.2	54	4.3	190
Benzene	1.2	4.4	3.8	14

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	5.0%	30 J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	94	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-3-10

Lab ID#: 0705615A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1060416	Date of Collection:	5/24/07
Dil. Factor:	2.38	Date of Analysis:	5/4/07 07:44 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.2	Not Detected	4.3	Not Detected
Benzene	1.2	11	3.8	35

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	9.0%	500 J
Propane, 2-methyl-	75-28-5	9.0%	97 J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	97	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-4-10 DUPLICATE

Lab ID#: 0705615A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1080418	Date of Collection:	5/24/07
Dil. Factor:	32.3	Date of Analysis:	5/4/07 09:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	16	Not Detected	58	Not Detected
Benzene	16	350	52	1100

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	147 Q	70-130
4-Bromofluorobenzene	89	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-4-10

Lab ID#: 0705615A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	060419	Date of Collection:	5/24/07
DL Factor:	22.8	Date of Analysis:	6/4/07 09:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	11	Not Detected	41	Not Detected
Benzene	11	290	36	930

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	144 Q	70-130
4-Bromofluorobenzene	87	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-1-5A

Lab ID#: 0705615A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1080420	Date of Collection:	5/24/07
Dil. Factor:	2.33	Date of Analysis:	5/4/07 10:34 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.2	Not Detected	4.2	Not Detected
Benzene	1.2	4.4	3.7	14

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	59%	48 J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	95	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-4-5A

Lab ID#: 0705615A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t060421	Date of Collection:	5/24/07
Dil. Factor:	2.24	Date of Analysis:	6/4/07 11:15 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.1	5.2	4.0	19
Benzene	1.1	12	3.6	38

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	5.0%	57 J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	97	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-5-5

Lab ID#: 0705615A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1080422	Date of Collection:	5/24/07
Dil. Factor:	2.38	Date of Analysis:	5/4/07 11:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.2	4.4	4.3	16
Benzene	1.2	31	3.8	99

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	59%	1400 J
Propane, 2-methyl-	75-28-5	7.0%	300 J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	96	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-5-10

Lab ID#: 0705615A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t050423	Date of Collection:	5/24/07
Dil. Factor:	2.33	Date of Analysis:	5/5/07 12:53 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.2	Not Detected	4.2	Not Detected
Benzene	1.2	9.6	3.7	31

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	10%	240 J
Propane, 2-methyl-	75-28-5	72%	89 J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	92	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-6-5

Lab ID#: 0705615A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t050424	Date of Collection:	5/24/07
Dil. Factor:	2.42	Date of Analysis:	5/5/07 01:54 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.2	Not Detected	4.4	Not Detected
Benzene	1.2	6.6	3.9	21

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	10%	330 J
Propane, 2-methyl-	75-28-5	9.0%	61 J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	91	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-6-5 Lab Duplicate

Lab ID#: 0705615A-12AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1060425	Date of Collection:	5/24/07
Dil. Factor:	2.42	Date of Analysis:	5/5/07 03:12 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.2	Not Detected	4.4	Not Detected
Benzene	1.2	6.7	3.9	21

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	9.0%	310 J
Propane, 2-methyl-	75-28-5	5.0%	58 J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	92	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-6-10

Lab ID#: 0705615A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7080910	Date of Collection:	5/24/07
Dil. Factor:	9.32	Date of Analysis:	6/8/07 03:20 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	4.7	19	17	70
Benzene	4.7	1400	15	4600

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	47%	1700 J
Propane, 2-methyl-	75-28-5	43%	360 J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	123	70-130
4-Bromofluorobenzene	103	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Trip Blank

Lab ID#: 0705615A-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t080426	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	6/5/07 04:42 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	87	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0705615A-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1060404	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	5/4/07 10:13 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	83	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0705615A-15B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7050605	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	6/8/07 11:25 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	100	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0705615A-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1080402	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	8/4/07 08:38 AM

Compound	%Recovery
----------	-----------

Methyl tert-butyl ether	98
Benzene	89

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	95	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0705615A-16B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7080803	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	6/6/07 10:04 AM

Compound	%Recovery
Methyl tert-butyl ether	108
Benzene	110

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	105	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0705615A-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t060493	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	8/4/07 09:24 AM

Compound	%Recovery
Methyl tert-butyl ether	103
Benzene	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	94	70-130



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0705615A-17B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7060604	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	6/6/07 10:43 AM

Compound	%Recovery
Methyl tert-butyl ether	114
Benzene	106

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	104	70-130



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, state, federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 487-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1029

Page 1 of 2

Project Manager MARK JONAS
 Collected by: (Print and Sign) Christina McJelland
 Company CRA Email mjonas@CRAwork.com
 Address 5400 Hollis St. #A City Emeryville State CA Zip 94608
 Phone (510) 420-0700 Fax (510) 420-9170

Project Info:		Turn Around Time: <input type="checkbox"/> Normal <input type="checkbox"/> Rush	Lab Use Only
P.O. # <u>609</u>	Project # <u>130105</u>		Pressurized by: <u>LD</u>
Project Name: <u>Golden Empire Properties</u>			Date: <u>5/25/07</u>
			Pressurization Gas: <u>(N) He</u>

Lab. I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (PSI)
	SV-1-5	35653	5/24/07	11:19	TO-3, TO-15	28	5		
01A	SV-1-10	1449	5/24/07	12:15	TO-3, TO-15	-29.5	-5		
02A	SV-2-5	35684	5/24/07	12:50	TO-3, TO-15	-30	-5		
03A	SV-2-10	2049	5/24/07	13:27	TO-3, TO-15	-28	-5		
04A	SV-3-5	25210	5/24/07	14:46	TO-3, TO-15	-29.5	-5		
05A	SV-3-10	14515	5/24/07	15:01	TO-3, TO-15	-30	-5		
	SV-4-5	34094	5/24/07	16:10	TO-3, TO-15	29.5	5		
06A	SV-4-10 DUPLICATE	1463	5/24/07	16:00	TO-3, TO-15	-29	-5		
07A	SV-4-10	34127	5/24/07	16:31	TO-3, TO-15	-30	-4		

Relinquished by: (signature) <u>Christina McJelland</u> Date/Time <u>5/25/07 11:07</u>	Received by: (signature) <u>Secured location</u> Date/Time <u>5/25/07 11:07</u>	Notes: DO NOT ANALYZE SV-1-5 DUE TO SAMPLING SV-4-5 COMPLICATIONS
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) <u>Monica Gordon</u> Date/Time <u>5/25/07 10:25</u>	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab. Use Only	Shipper Name: <u>DHL</u>	Air Bill #: <u>2177708452</u>	Temp (°C): <u>NA</u>	Condition: <u>Good</u>	Custody Seals Intact? <u>Yes</u> <u>No</u> <u>None</u>	Work Order #: <u>0705615</u>
---------------	--------------------------	-------------------------------	----------------------	------------------------	--	------------------------------



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. toll free (800) 467-4822

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Mark Jonas
 Collected by: (Print and Sign) Christina Merrelland
 Company CRA Email mjonas@cra.com
 Address 5100 Hollis St MA City Emeryville State CA Zip 94608
 Phone (510) 420-0700 Fax (510) 420-9170

Project Info:		Turn Around Time:	Pressurized by: <u>DS</u>
P.O. # _____	Project # <u>130105</u>		Date: <u>5/3/07</u>
Project Name: <u>GEP</u>		<input type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurization Gas: <u>N₂</u> He _____

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psf)
08A	SV-1-5A	13368	5/24/07	16:42	TD-3, TD-15	-30	-4	4.0/11	15.0/15
09A	SV-4-5A	11823	5/24/07	17:20	TD-3, TD-15	-29.5	-4	3.0/11	15.0/15
10A	SV-5-5	24387	5/24/07	17:54	TD-3, TD-15	-28	-5	4.5/11	15.0/15
11A	SV-5-10	24401	5/24/07	18:00	TD-3, TD-15	-28	-5	4.0/11	15.0/15
12A	SV-6-5	11429	5/24/07	18:22	TD-3, TD-15	-28	-5	5.0/11	15.0/15
13A	SV-6-10	1448	5/24/07	18:27	TD-3, TD-15	-29.5	-5	4.0/11	15.0/15
					14A			3.0/11	15.0/15

Relinquished by: (signature) <u>Christina Merrelland</u> Date/Time <u>5/25/07 11:07</u>	Received by: (signature) <u>Secured location</u> Date/Time <u>5/25/07 11:07</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) <u>Monica Jacobson</u> Date/Time <u>5/30/07 10:05</u>	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>DHL</u>	<u>21777031452</u>	<u>N/A</u>	<u>Good</u>	Yes <input type="checkbox"/> No <input type="checkbox"/> <u>None</u>	<u>0705615</u>



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

**(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific**



AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0705615B

Work Order Summary

CLIENT: Mr. Mark Jonas
Cambria
5900 Hollis Street
Suite A
Emeryville, CA 94608

PHONE: 510-420-0700

FAX: 510-420-9170

DATE RECEIVED: 05/30/2007

DATE COMPLETED: 06/11/2007

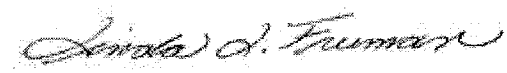
BILL TO: Mr. Mark Jonas
Cambria
5900 Hollis Street
Suite A
Emeryville, CA 94608

P.O. # 130105

PROJECT # 130105 Golden Empire Properties

CONTACT: Kyle Vagadori

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>
01A	SV-1-10	Modified TO-3	3.5 "Hg
02A	SV-2-5	Modified TO-3	5.0 "Hg
03A	SV-2-10	Modified TO-3	5.5 "Hg
04A	SV-3-5	Modified TO-3	4.5 "Hg
05A	SV-3-10	Modified TO-3	4.5 "Hg
06A	SV-4-10 DUPLICATE	Modified TO-3	5.0 "Hg
06AA	SV-4-10 DUPLICATE Lab Duplicate	Modified TO-3	5.0 "Hg
07A	SV-4-10	Modified TO-3	3.5 "Hg
08A	SV-1-5A	Modified TO-3	4.0 "Hg
09A	SV-4-5A	Modified TO-3	3.0 "Hg
10A	SV-5-5	Modified TO-3	4.5 "Hg
11A	SV-5-10	Modified TO-3	4.0 "Hg
12A	SV-6-5	Modified TO-3	5.0 "Hg
13A	SV-6-10	Modified TO-3	4.0 "Hg
14A	Trip Blank	Modified TO-3	29.0 "Hg
15A	Lab Blank	Modified TO-3	NA
16A	LCS	Modified TO-3	NA

CERTIFIED BY: 

DATE: 06/11/07

Laboratory Director

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-3
Conestoga-Rovers Associates
Workorder# 0705615B

Thirteen 1 Liter Summa Canister and one 6 Liter Summa Canister samples were received on May 30, 2007. The laboratory performed analysis for volatile organic compounds in air via modified EPA Method TO-3 using gas chromatography with flame ionization detection. The TPH results are calculated using the response of Gasoline. A molecular weight of 100 is used to convert the TPH ppmv result to ug/L. The method involves concentrating up to 200 mL of sample. The concentrated aliquot is then dry purged to remove water vapor prior to entering the chromatographic system. See the data sheets for the reporting limits for each compound.

<i>Requirement</i>	<i>TO-3</i>	<i>ATL Modifications</i>
Daily Calibration Standard Frequency	Prior to sample analysis and every 4 - 6 hrs	Prior to sample analysis and after the analytical batch ≤ 20 samples.
Initial Calibration Calculation	4-point calibration using a linear regression model	5-point calibration using average Response Factor
Initial Calibration Frequency	Weekly	When daily calibration standard recovery is outside 75 - 125 %, or upon significant changes to procedure or instrumentation
Moisture Control	Nafion system	Sorbent system
Minimum Detection Limit (MDL)	Calculated using the equation $DL = A + 3.3S$, where A is intercept of calibration line and S is the standard deviation of at least 3 reps of low level standard	40 CFR Pt. 136 App. B
Preparation of Standards	Levels achieved through dilution of gas mixture	Levels achieved through loading various volumes of the gas mixture

Receiving Notes

The number of samples received did not match the information on the Chain of Custody (COC). Sample Trip Blank was added to the analytical request.

The Chain of Custody (COC) information for sample SV-1-5A did not match the information on the canister with regard to canister identification. The client was notified of the discrepancy and the information on the canister was used to process and report the sample.

Analytical Notes

The recovery of surrogate Fluorobenzene in samples SV-4-10 DUPLICATE, SV-4-10 DUPLICATE Lab Duplicate, SV-4-10 and SV-6-10 was outside control limits due to high level hydrocarbon matrix

interference. Data is reported as qualified.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:

- B - Compound present in laboratory blank greater than reporting limit.
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the detection limit.
- M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:

- a-File was requantified
- b-File was quantified by a second column and detector
- r1-File was requantified for the purpose of reissue



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds MODIFIED EPA METHOD TO-3 GC/FID

Client Sample ID: SV-1-10

Lab ID#: 0705615B-01A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.057	0.23	14	56
TPH (Gasoline Range)	0.057	0.23	13	54

Client Sample ID: SV-2-5

Lab ID#: 0705615B-02A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.060	0.25	5.0	20
TPH (Gasoline Range)	0.060	0.25	3.3	13

Client Sample ID: SV-2-10

Lab ID#: 0705615B-03A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.25	1.0	67	270
TPH (Gasoline Range)	0.25	1.0	72	300

Client Sample ID: SV-3-5

Lab ID#: 0705615B-04A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.060	0.24	5.7	23
TPH (Gasoline Range)	0.060	0.24	3.8	16

Client Sample ID: SV-3-10

Lab ID#: 0705615B-05A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.060	0.24	9.0	37
TPH (Gasoline Range)	0.060	0.24	7.6	31

Client Sample ID: SV-4-10 DUPLICATE

Lab ID#: 0705615B-06A



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds MODIFIED EPA METHOD TO-3 GC/FID

Client Sample ID: SV-4-10 DUPLICATE

Lab ID#: 0705615B-06A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.48	2.0	140	550
TPH (Gasoline Range)	0.48	2.0	150	620

Client Sample ID: SV-4-10 DUPLICATE Lab Duplicate

Lab ID#: 0705615B-06AA

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.48	2.0	130	540
TPH (Gasoline Range)	0.48	2.0	150	600

Client Sample ID: SV-4-10

Lab ID#: 0705615B-07A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.28	1.2	100	430
TPH (Gasoline Range)	0.28	1.2	120	480

Client Sample ID: SV-1-5A

Lab ID#: 0705615B-08A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.058	0.24	3.3	13
TPH (Gasoline Range)	0.058	0.24	2.0	8.4

Client Sample ID: SV-4-5A

Lab ID#: 0705615B-09A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.056	0.23	9.0	37
TPH (Gasoline Range)	0.056	0.23	7.8	32

Client Sample ID: SV-5-5

Lab ID#: 0705615B-10A



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds MODIFIED EPA METHOD TO-3 GC/FID

Client Sample ID: SV-5-5

Lab ID#: 0705615B-10A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.060	0.24	13	54
TPH (Gasoline Range)	0.060	0.24	13	53

Client Sample ID: SV-5-10

Lab ID#: 0705615B-11A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.058	0.24	6.7	27
TPH (Gasoline Range)	0.058	0.24	5.6	23

Client Sample ID: SV-6-5

Lab ID#: 0705615B-12A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.060	0.25	5.6	23
TPH (Gasoline Range)	0.060	0.25	4.6	19

Client Sample ID: SV-6-10

Lab ID#: 0705615B-13A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.12	0.48	38	160
TPH (Gasoline Range)	0.12	0.48	41	170

Client Sample ID: Trip Blank

Lab ID#: 0705615B-14A

No Detections Were Found.



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-1-10

Lab ID#: 0705615B-01A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6080106	Date of Collection:	5/24/07
Dil. Factor:	2.29	Date of Analysis:	6/1/07 08:15 AM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.057	0.23	14	56
TPH (Gasoline Range)	0.057	0.23	13	54

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	122	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-2-5

Lab ID#: 0705615B-02A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6060107	Date of Collection:	5/24/07
Dil. Factor:	2.42	Date of Analysis:	6/1/07 08:43 AM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.060	0.25	5.0	20
TPH (Gasoline Range)	0.060	0.25	3.3	13

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	92	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-2-10

Lab ID#: 0705615B-03A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	8060108	Date of Collection:	5/24/07
Dil. Factor:	9.88	Date of Analysis:	6/11/07 09:08 AM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.25	1.0	67	270
TPH (Gasoline Range)	0.25	1.0	72	300

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	137	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-3-5

Lab ID#: 0705615B-04A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6080109	Date of Collection:	5/24/07
Dil. Factor:	2.38	Date of Analysis:	5/1/07 09:36 AM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.060	0.24	5.7	23
TPH (Gasoline Range)	0.060	0.24	3.8	16

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	95	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-3-10

Lab ID#: 0705615B-05A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6060110	Date of Collection:	5/24/07
Dil. Factor:	2.38	Date of Analysis:	6/1/07 10:09 AM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.060	0.24	9.0	37
TPH (Gasoline Range)	0.060	0.24	7.6	31

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	107	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-4-10 DUPLICATE

Lab ID#: 0705615B-06A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6060111	Date of Collection:	5/24/07
Dil. Factor:	19.4	Date of Analysis:	6/1/07 10:37 AM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.48	2.0	140	550
TPH (Gasoline Range)	0.48	2.0	150	620

Q = Exceeds Quality Control limits, due to matrix effects. Matrix effects confirmed by re-analysis.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	226 Q	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-4-10 DUPLICATE Lab Duplicate

Lab ID#: 0705615B-06AA

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6080114	Date of Collection:	5/24/07
Dil. Factor:	19.4	Date of Analysis:	6/1/07 12:01 PM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.48	2.0	130	540
TPH (Gasoline Range)	0.48	2.0	150	600

Q = Exceeds Quality Control limits, due to matrix effects. Matrix effects confirmed by re-analysis.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	224 Q	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-4-10

Lab ID#: 0705615B-07A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6080112	Date of Collection:	5/24/07
Dil. Factor:	11.4	Date of Analysis:	6/1/07 11:08 AM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.28	1.2	100	430
TPH (Gasoline Range)	0.28	1.2	120	480

Q = Exceeds Quality Control limits, possibly due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	263 Q	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-1-5A

Lab ID#: 0705615B-08A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6060113	Date of Collection:	5/24/07
Dil. Factor:	2.33	Date of Analysis:	6/1/07 11:35 AM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.058	0.24	3.3	13
TPH (Gasoline Range)	0.058	0.24	2.0	8.4

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	91	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-4-5A

Lab ID#: 0705615B-09A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6060115	Date of Collection:	5/24/07
Dil. Factor:	2.24	Date of Analysis:	6/1/07 12:28 PM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.056	0.23	9.0	37
TPH (Gasoline Range)	0.056	0.23	7.8	32

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	123	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-5-5

Lab ID#: 0705615B-10A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	5060116	Date of Collection:	5/24/07
Dil. Factor:	2.38	Date of Analysis:	6/1/07 12:59 PM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.060	0.24	13	54
TPH (Gasoline Range)	0.060	0.24	13	53

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	131	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-5-10

Lab ID#: 0705615B-11A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6060117	Date of Collection:	5/24/07
Dil. Factor:	2.33	Date of Analysis:	6/1/07 01:26 PM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.058	0.24	6.7	27
TPH (Gasoline Range)	0.058	0.24	5.6	23

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	105	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-6-5

Lab ID#: 0705615B-12A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6060118	Date of Collection:	5/24/07
Dil. Factor:	2.42	Date of Analysis:	6/1/07 01:52 PM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.060	0.25	5.6	23
TPH (Gasoline Range)	0.060	0.25	4.6	19

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	101	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-6-10

Lab ID#: 0705615B-13A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6085119	Date of Collection:	5/24/07
Dil. Factor:	4.66	Date of Analysis:	6/1/07 02:19 PM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.12	0.48	38	160
TPH (Gasoline Range)	0.12	0.48	41	170

Q = Exceeds Quality Control limits, possibly due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	250 Q	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Trip Blank

Lab ID#: 0705615B-14A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	5060120	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	6/1/07 02:46 PM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.025	0.10	Not Detected	Not Detected
TPH (Gasoline Range)	0.025	0.10	Not Detected	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	87	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0705615B-15A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6060105	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	6/10/07 06:52 AM

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (C5+ Hydrocarbons) ref. to Gasoline	0.025	0.10	Not Detected	Not Detected
TPH (Gasoline Range)	0.025	0.10	Not Detected	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	88	75-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0705615B-16A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	8050129	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	6/1/07 08:03 PM

Compound	%Recovery
TPH (C2+ Hydrocarbons) ref. to Gasoline	93
TPH (Gasoline Range)	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	102	75-150



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager MARK JONAS
 Collected by: (Print and Sign) Christina McCrelland
 Company CRA Email mjonas@CRAwork
 Address 5900 Hollis St. #A City Emeryville State CA Zip 94608
 Phone (510)420-0700 Fax (510)420-9170

Project Info:	Turn Around Time:	Lab Use Only
P.O. # _____ from _____	<input type="checkbox"/> Normal <input type="checkbox"/> Rush	Pressurized by: _____
Project # <u>130105</u>		Date: _____
Project Name <u>Golden Empire Properties</u>		Pressurization Gas: _____ N ₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	SV-1-10	35653	5/24/07	11:19	TO-3, TO-15	28	5		
01A	SV-1-10	1449	5/24/07	12:15	TO-3, TO-15	-29.5	-5		
02A	SV-2-5	35684	5/24/07	12:56	TO-3, TO-15	-30	-5		
03A	SV-2-10	2049	5/24/07	13:27	TO-3, TO-15	-28	-5		
04A	SV-3-5	25210	5/24/07	14:46	TO-3, TO-15	-29.5	-5		
05A	SV-3-10	14515	5/24/07	15:01	TO-3, TO-15	-30	-5		
06A	SV-4-5	34094	5/24/07	16:10	TO-3, TO-15	29.5	5		
06A	SV-4- 10 DUPLICATE	1463	5/24/07	16:00	TO-3, TO-15	-29	-5		
07A	SV-4-10	34127	5/24/07	16:31	TO-3, TO-15	-30	-4		

Relinquished by: (signature) <u>Christina McCrelland</u> Date/Time <u>5/25/07 11:07</u>	Received by: (signature) <u>Secured location</u> Date/Time <u>5/25/07 11:07</u>	Notes: DO NOT ANALYZE SV-1-5 DUE TO SAMPLING SV-4-5 COMPLICATIONS
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) <u>Monica Stephen</u> Date/Time <u>5/25/07 10:25</u>	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>DHL</u>	Air Bill # <u>21777081452</u>	Temp (°C) <u>NA</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>0705615</u>
--------------	-------------------------	-------------------------------	---------------------	-----------------------	--	-----------------------------



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Mark Jonas

Collected by: (Print and Sign) Christina McClelland

Company CRA Email mjonas@cra.com

Address 5100 Hill's St #A City Emeryville State CA Zip 94608

Phone (510) 420-0700 Fax (510) 420-9170

Project Info:		Turn Around Time:	<i>Lab Use Only</i>
P.O. # _____	Project # <u>130105</u>		Pressurized by: _____
Project Name <u>GEP</u>		<input type="checkbox"/> Normal	Date: _____
		<input type="checkbox"/> Rush	Pressurization Gas: _____
		specify _____	<u>N₂</u> <u>He</u>

Lab ID.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final Test
08A	SV-1-5A	13368	5/24/07	16:42	TD-3, TD-15	-30	-4		
09A	SV-4-5A	11823	5/24/07	17:20	TD-3, TD-15	-29.5	-4		
10A	SV-5-5	24387	5/24/07	17:54	TD-3, TD-15	-28	-5		
11A	SV-5-10	24401	5/24/07	18:00	TD-3, TD-15	-28	-5		
12A	SV-6-5	11429	5/24/07	18:22	TD-3, TD-15	-28	-5		
13A	SV-6-10	1448	5/24/07	18:27	TD-3, TD-15	-29.5	-5		

Relinquished by: (signature) <u>Christina McClelland</u> Date/Time <u>5/25/07 11:07</u>	Received by: (signature) <u>Secured location</u> Date/Time <u>5/25/07 11:07</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) <u>Monica Segura</u> Date/Time <u>5/30/07 10:25</u>	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name: <u>DHL</u>	Air Bill # <u>21777031452</u>	Temp (°C) <u>NA</u>	Condition <u>Good</u>	Custody Seals Intact? <u>Yes</u> <u>No</u> <u>None</u>	Work Order # <u>0705615</u>



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
		Date Received: 12/08/08
	Client Contact: Mark Jonas	Date Reported: 12/19/08
	Client P.O.:	Date Completed: 12/24/08

WorkOrder: 0812256

December 24, 2008

Dear Mark:

Enclosed within are:

- 1) The results of the 9 analyzed samples from your project: **#130105; Golden Empire Properties,**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

0812256

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
www.main@meccampbell.com

Telephone: (925) 252-9262

Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No

Report To: Mark Jonas

Bill To: CRA

Lab Use Only

Company: Conestoga-Rovers & Associates

Pressurized By

Date

Pressurization Gas

N2

He

CC: ESYRSTAD@CRAWOOD.COM

E-Mail: MSONAS@CRAWOOD.COM

Tele: (510) 420-0700

Fax: (510) 420-9170

Project #: 130105

Project Name: Golden Empire Properties

Project Location: 3055 35th Ave, Oakland, CA

Sampler Signature: *[Signature]*

Notes: T-03 (TPH)
T-05 (BTEX, MTBE)
T-05 TIC (Isobutane, propane, butane) - leak check
ASTM 1926 (Oxygen, Carbon Dioxide, Methane)

Field Sample ID (Location)	Collection		Canister SN#	Sampler Kit SN#	Analysis Requested	Indoor Air	Soil Gas	Canister Pressure/Vacuum			
	Date	Time						Initial	Final	Receipt	Final (psi)
SV-14	12/5/08	12:08			T-03, T-05, T-05 TIC ASTM 1926		X	-30	-5		
SV-10		13:30					X	-30	-5		
SV-11		13:50					X	-30	-5		
SV-12		14:24					X	-30	-5		
SV-9		15:10					X	-30	-5		
SV-8		16:40					X	-30	-10		
SV-7		16:26					X	-30	-5		
SV-13		11:48					X	-29	-5		
SV-13-DUP		11:48					X	-29	-5		

Relinquished By:

[Signature]

Date:

12/5/08

Time:

17:10

Received By:

[Signature]

Relinquished By:

[Signature]

Date:

12/8/08

Time:

5:10

Received By:

[Signature]

Relinquished By:

[Signature]

Date:

12/8/08

Time:

11:19

Received By:

[Signature]

Temp (°C): MA

Work Order #:

0812256

Condition: GOOD

Custody Seals Intact? Yes No None

Shipped Via: Rob Campbell



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0812256

ClientCode: CETE

WriteOn
 EDF
 Excel
 Fax
 Email
 HardCopy
 ThirdParty
 J-flag

Report to:

Mark Jonas
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: mjonas@CRAworld.com
cc:
PO:
ProjectNo: #130105; Golden Empire Properties

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 12/08/2008

Date Printed: 12/09/2008

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	
0812256-001	SV-14	Soil Vapor	12/5/2008 12:08	<input type="checkbox"/>	A	A	A										
0812256-002	SV-10	Soil Vapor	12/5/2008 13:30	<input type="checkbox"/>	A	A	A										
0812256-003	SV-11	Soil Vapor	12/5/2008 13:50	<input type="checkbox"/>	A	A	A										
0812256-004	SV-12	Soil Vapor	12/5/2008 14:24	<input type="checkbox"/>	A	A	A										
0812256-005	SV-9	Soil Vapor	12/5/2008 15:10	<input type="checkbox"/>	A	A	A										
0812256-006	SV-8	Soil Vapor	12/5/2008 16:40	<input type="checkbox"/>	A	A	A										
0812256-007	SV-7	Soil Vapor	12/5/2008 16:26	<input type="checkbox"/>	A	A	A										
0812256-008	SV-13	Soil Vapor	12/5/2008 11:48	<input type="checkbox"/>	A	A	A										
0812256-009	SV-13-Dup	Soil Vapor	12/5/2008 11:48	<input type="checkbox"/>	A	A	A										

Test Legend:

1 ATMOSPHERIC GAS SOILGA	2 RSK174 SOIL GAS	3 TO3 SOIL GAS	4	5
6	7	8	9	10
11	12			

The following Sample IDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A contain testgroup.

Prepared by: Samantha Arbuckle

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.



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Project Name: **#130105; Golden Empire Properties**
WorkOrder N°: **0812256** Matrix Soil Vapor

Date and Time Received: **12/8/08 7:45:06 PM**
Checklist completed and reviewed by: **Samantha Arbuckle**
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp:		NA <input checked="" type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLIC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Samples Received on Ice?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

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

Client contacted: _____ Date contacted: _____ Contacted by: _____

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
	Client Contact: Mark Jonas	Date Received: 12/08/08
	Client P.O.:	Date Extracted: 12/17/08-12/22/08
		Date Analyzed: 12/17/08-12/22/08

Light Gases, Atmospheric*

Extraction Method: ASTM D 1946-90

Analytical Method: ASTM D 1946-90

Work Order: 0812256

Lab ID	0812256-001A	0812256-002A	0812256-003A	0812256-004A	Reporting Limit for DF =1 and Pressure Ratio (Final/Initial) = 2	
Client ID	SV-14	SV-10	SV-11	SV-12		
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor		
Initial Pressure (psia)	11.9	12.31	11.81	11.9		
Final Pressure (psia)	11.9	12.31	11.81	11.9		
DF	5	20	5	5	Soil Vapor	W
Compound	Concentration				µL/L	ug/L
Carbon Dioxide	22,000	28,000	18,000	6500	20	NA
Oxygen	190,000	190,000	180,000	190,000	500	NA
Surrogate Recoveries (%)						
%SS:	N/A	N/A	N/A	N/A		
Comments						

* soil vapor samples are reported in µL/L.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
	Client Contact: Mark Jonas	Date Received: 12/08/08
	Client P.O.:	Date Extracted: 12/17/08-12/22/08
		Date Analyzed: 12/17/08-12/22/08

Light Gases, Atmospheric*

Extraction Method: ASTM D 1946-90

Analytical Method: ASTM D 1946-90

Work Order: 0812256

Lab ID	0812256-005A	0812256-006A	0812256-007A	0812256-008A	Reporting Limit for DF =1 and Pressure Ratio (Final/Initial) = 2	
Client ID	SV-9	SV-8	SV-7	SV-13		
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor		
Initial Pressure (psia)	12.25	10.9	11.6	12.25		
Final Pressure (psia)	12.25	10.9	11.6	12.25		
DF	5	5	5	5	Soil Vapor	W
Compound	Concentration				µL/L	ug/L
Carbon Dioxide	27,000	33,000	32,000	14,000	20	NA
Oxygen	190,000	160,000	160,000	190,000	500	NA
Surrogate Recoveries (%)						
%SS:	N/A	N/A	N/A	N/A		
Comments						

* soil vapor samples are reported in µL/L.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
		Date Received: 12/08/08
	Client Contact: Mark Jonas	Date Extracted: 12/17/08-12/22/08
	Client P.O.:	Date Analyzed: 12/17/08-12/22/08

Light Gases, Atmospheric*

Extraction Method: ASTM D 1946-90

Analytical Method: ASTM D 1946-90

Work Order: 0812256

Lab ID	0812256-009A				Reporting Limit for DF =1 and Pressure Ratio (Final/Initial) = 2	
Client ID	SV-13-Dup					
Matrix	Soil Vapor					
Initial Pressure (psia)	12.48					
Final Pressure (psia)	12.48					
DF	5					Soil Vapor
Compound	Concentration				µL/L	ug/L
Carbon Dioxide	11,000				20	NA
Oxygen	180,000				500	NA
Surrogate Recoveries (%)						
%SS:	N/A					
Comments						
* soil vapor samples are reported in µL/L.						



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
	Client Contact: Mark Jonas	Date Received: 12/08/08
	Client P.O.:	Date Extracted: 12/16/08-12/17/08
		Date Analyzed: 12/16/08-12/17/08

Light Gases, Hydrocarbons*

Extraction method ASTM D 1946-90

Analytical methods ASTM D 1946-90

Work Order: 0812256

Lab ID	Client ID	Matrix	Initial Pressure	Final Pressure	Methane	DF	% SS
001A	SV-14	Soil Vapor	1	1	ND	1	N/A
002A	SV-10	Soil Vapor	1	1	ND	1	N/A
003A	SV-11	Soil Vapor	1	1	ND	1	N/A
004A	SV-12	Soil Vapor	1	1	ND	1	N/A
005A	SV-9	Soil Vapor	1	1	ND	1	N/A
006A	SV-8	Soil Vapor	1	1	ND	1	N/A
007A	SV-7	Soil Vapor	1	1	ND	1	N/A
008A	SV-13	Soil Vapor	1	1	ND	1	N/A
009A	SV-13-Dup	Soil Vapor	1	1	ND	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	psia	psia	NA	NA
	Soil Vapor	psia	psia	5.0	µL/L

* soil vapor samples are reported in µL/L.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
		Date Received: 12/08/08
	Client Contact: Mark Jonas	Date Extracted: 12/13/08-12/14/08
	Client P.O.:	Date Analyzed 12/13/08-12/14/08

Leak Check Compound*

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0812256

Lab ID	0812256-001A	0812256-002A	0812256-003A	0812256-004A	Reporting Limit for DF = 1 and Pressure Ratio (Final/Initial) = 2
Client ID	SV-14	SV-10	SV-11	SV-12	
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	
Initial Pressure (psia)	11.9	12.31	11.81	11.9	
Final Pressure (psia)	11.9	12.31	11.81	11.9	
DF	1	1	1	1	

Soil Vapor W

Compound	Concentration				µg/L	ug/L
Butane as Hexane	ND	ND	ND	ND	10	NA
Isobutane as Hexane	ND	ND	ND	ND	10	NA
Propane as Propene	ND	ND	ND	ND	10	NA

Surrogate Recoveries (%)

%SS1:	N/A	N/A	N/A	N/A	
Comments					

* leak check compound is reported in µg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

The IPA reference is:

DTSC, Advisory-Active Soil Gas Investigations, January 28, 2003, page 10, section 2.4.2:

"Tracer compounds, such as ...isopropanol..., may be used as leak check compounds, if a detection limit of 10 ug/L or less can be achieved."

This implies that 10 µg/L is the cut off definition for a leak, which equals 10,000 µg/m³.

The other low IPA hits may be due to extremely small leaks or may be naturally occurring in soil gas, particularly at biologically active sites.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com B-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
		Date Received: 12/08/08
	Client Contact: Mark Jonas	Date Extracted: 12/13/08-12/14/08
	Client P.O.:	Date Analyzed 12/13/08-12/14/08

Leak Check Compound*

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0812256

Lab ID	0812256-005A	0812256-006A	0812256-007A	0812256-008A	Reporting Limit for DF =1 and Pressure Ratio (Final/Initial) = 2	
Client ID	SV-9	SV-8	SV-7	SV-13		
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor		
Initial Pressure (psia)	12.25	10.9	11.6	12.25		
Final Pressure (psia)	12.25	10.9	11.6	12.25		
DF	1	1	1	4	Soil Vapor	W
Compound	Concentration				µg/L	ug/L
Butane as Hexane	ND	ND	ND	ND	10	NA
Isobutane as Hexane	ND	ND	ND	ND	10	NA
Propane as Propene	ND	ND	ND	ND	10	NA

Surrogate Recoveries (%)

%SS1:	N/A	N/A	N/A	N/A
Comments				

* leak check compound is reported in µg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

The IPA reference is:

DTSC, Advisory-Active Soil Gas Investigations, January 28, 2003, page 10, section 2.4.2:

"Tracer compounds, such as ...isopropanol..., may be used as leak check compounds, if a detection limit of 10 µg/L or less can be achieved."

This implies that 10 µg/L is the cut off definition for a leak, which equals 10,000 µg/m³.

The other low IPA hits may be due to extremely small leaks or may be naturally occurring in soil gas, particularly at biologically active sites.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
	Client Contact: Mark Jonas	Date Received: 12/08/08
	Client P.O.:	Date Extracted: 12/13/08-12/14/08
		Date Analyzed: 12/13/08-12/14/08

Leak Check Compound*

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0812256

Lab ID	0812256-009A				Reporting Limit for DF =1 and Pressure Ratio (Final/Initial) = 2
Client ID	SV-13-Dup				
Matrix	Soil Vapor				
Initial Pressure (psia)	12.48				
Final Pressure (psia)	12.48				
DF	4				Soil Vapor W

Compound	Concentration				µg/L	ug/L
Butane as Hexane	ND				10	NA
Isobutane as Hexane	ND				10	NA
Propane as Propene	ND				10	NA

Surrogate Recoveries (%)

%SS1:	N/A			
Comments				

* leak check compound is reported in µg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

The IPA reference is:

DTSC, Advisory-Active Soil Gas Investigations, January 28, 2003, page 10, section 2.4.2:

"Tracer compounds, such as ...isopropanol..., may be used as leak check compounds, if a detection limit of 10 µg/L or less can be achieved." This implies that 10 µg/L is the cut off definition for a leak, which equals 10,000 µg/m³. The other low IPA hits may be due to extremely small leaks or may be naturally occurring in soil gas, particularly at biologically active sites.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
	Client Contact: Mark Jonas	Date Received: 12/08/08
	Client P.O.:	Date Extracted: 12/13/08-12/14/08
		Date Analyzed: 12/13/08-12/14/08

Volatile Organic Compounds in $\mu\text{g}/\text{m}^{3*}$

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0812256

Lab ID	0812256-001A	0812256-002A	0812256-003A	0812256-004A	Reporting Limit for DF =1 and Pressure Ratio (Final/Initial) = 2
Client ID	SV-14	SV-10	SV-11	SV-12	
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	
Initial Pressure (psia)	11.9	12.31	11.81	11.9	
Final Pressure (psia)	11.9	12.31	11.81	11.9	
DF	1	1	1	1	

Compound	Concentration				$\mu\text{g}/\text{m}^3$	ug/L
	Benzene	ND	ND	ND	ND	6.5
Ethylbenzene	ND	16	ND	ND	8.8	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	7.3	NA
Toluene	ND	23	ND	ND	7.7	NA
Xylenes	ND	79	ND	ND	27	NA

Surrogate Recoveries (%)

%SS1:	92	95	92	93
%SS2:	101	102	102	102
%SS3:	103	105	103	102

Comments

*vapor samples are reported in $\mu\text{g}/\text{m}^3$.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
		Date Received: 12/08/08
	Client Contact: Mark Jonas	Date Extracted: 12/13/08-12/14/08
	Client P.O.:	Date Analyzed 12/13/08-12/14/08

Volatile Organic Compounds in $\mu\text{g}/\text{m}^3$ *

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0812256

Lab ID	0812256-005A	0812256-006A	0812256-007A	0812256-008A	Reporting Limit for DF =1 and Pressure Ratio (Final/Initial) = 2
Client ID	SV-9	SV-8	SV-7	SV-13	
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	
Initial Pressure (psia)	12.25	10.9	11.6	12.25	
Final Pressure (psia)	12.25	10.9	11.6	12.25	
DF	1	1	1	1	Soil Vapor W

Compound	Concentration				$\mu\text{g}/\text{m}^3$	ug/L
Benzene	ND	ND	ND	ND	6.5	NA
Ethylbenzene	ND	ND	ND	38	8.8	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	7.3	NA
Toluene	ND	ND	7.9	33	7.7	NA
Xylenes	ND	ND	29	210	27	NA

Surrogate Recoveries (%)

%SS1:	95	90	93	90
%SS2:	102	98	101	97
%SS3:	102	100	103	99

Comments

*vapor samples are reported in $\mu\text{g}/\text{m}^3$.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
	Client Contact: Mark Jonas	Date Received: 12/08/08
	Client P.O.:	Date Extracted: 12/13/08-12/14/08
		Date Analyzed: 12/13/08-12/14/08

Volatile Organic Compounds in $\mu\text{g}/\text{m}^3$ *

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0812256

Lab ID	0812256-009A				Reporting Limit for DF = 1 and Pressure Ratio (Final/Initial) = 2	
Client ID	SV-13-Dup					
Matrix	Soil Vapor					
Initial Pressure (psia)	12.48					
Final Pressure (psia)	12.48					
DF	1					
					Soil Vapor	W

Compound	Concentration				$\mu\text{g}/\text{m}^3$	ug/L
Benzene	ND				6.5	NA
Ethylbenzene	40				8.8	NA
Methyl-t-butyl ether (MTBE)	ND				7.3	NA
Toluene	33				7.7	NA
Xylenes	220				27	NA

Surrogate Recoveries (%)

%SS1:	93			
%SS2:	101			
%SS3:	103			

Comments

*vapor samples are reported in $\mu\text{g}/\text{m}^3$.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
		Date Received: 12/08/08
	Client Contact: Mark Jonas	Date Extracted: 12/13/08-12/14/08
	Client P.O.:	Date Analyzed 12/13/08-12/14/08

Volatile Organic Compounds in nL/L*

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0812256

Lab ID	0812256-001A	0812256-002A	0812256-003A	0812256-004A	Reporting Limit for DF = 1 and Pressure Ratio (Final/Initial) = 2
Client ID	SV-14	SV-10	SV-11	SV-12	
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	
Initial Pressure (psia)	11.9	12.31	11.81	11.9	
Final Pressure (psia)	11.9	12.31	11.81	11.9	
DF	1	1	1	1	

Compound	Concentration				nL/L	ug/L
	Benzene	ND	ND	ND	ND	2.0
Ethylbenzene	ND	3.7	ND	ND	2.0	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	2.0	NA
Toluene	ND	6.1	ND	ND	2.0	NA
Xylenes	ND	18	ND	ND	6.0	NA

Surrogate Recoveries (%)

%SS1:	92	95	93	93
%SS2:	101	102	102	102
%SS3:	103	105	103	102

Comments

*vapor samples are reported in nL/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
		Date Received: 12/08/08
	Client Contact: Mark Jonas	Date Extracted: 12/13/08-12/14/08
	Client P.O.:	Date Analyzed 12/13/08-12/14/08

Volatile Organic Compounds in nL/L*

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0812256

Lab ID	0812256-005A	0812256-006A	0812256-007A	0812256-008A	Reporting Limit for DF = 1 and Pressure Ratio (Final/Initial) = 2	
Client ID	SV-9	SV-8	SV-7	SV-13		
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor		
Initial Pressure (psia)	12.25	10.9	11.6	12.25		
Final Pressure (psia)	12.25	10.9	11.6	12.25		
DF	1	1	1	1		
					Soil Vapor	W

Compound	Concentration				nL/L	ug/L
Benzene	ND	ND	ND	ND	2.0	NA
Ethylbenzene	ND	ND	ND	8.7	2.0	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	2.0	NA
Toluene	ND	ND	2.1	8.6	2.0	NA
Xylenes	ND	ND	6.5	48	6.0	NA

Surrogate Recoveries (%)

%SS1:	95	90	93	90
%SS2:	102	98	101	97
%SS3:	102	100	103	99

Comments

*vapor samples are reported in nL/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Client Project ID: #130105; Golden Empire Properties
Client Contact: Mark Jonas
Client P.O.:

Date Sampled: 12/05/08
Date Received: 12/08/08
Date Extracted: 12/13/08-12/14/08
Date Analyzed 12/13/08-12/14/08

Volatile Organic Compounds in nL/L*

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0812256

Lab ID	0812256-009A				Reporting Limit for DF =1 and Pressure Ratio (Final/Initial) = 2
Client ID	SV-13-Dup				
Matrix	Soil Vapor				
Initial Pressure (psia)	12.48				
Final Pressure (psia)	12.48				
DF	1				Soil Vapor W

Compound	Concentration				nL/L	ug/L
Benzene	ND				2.0	NA
Ethylbenzene	9.1				2.0	NA
Methyl-t-butyl ether (MTBE)	ND				2.0	NA
Toluene	8.8				2.0	NA
Xylenes	50				6.0	NA

Surrogate Recoveries (%)

%SS1:	93			
%SS2:	101			
%SS3:	103			

Comments

*vapor samples are reported in nL/L.
ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.
surrogate diluted out of range or surrogate coelutes with another peak.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
	Client Contact: Mark Jonas	Date Received: 12/08/08
	Client P.O.:	Date Extracted: 12/10/08-12/11/08
		Date Analyzed: 12/10/08-12/11/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline in $\mu\text{g}/\text{m}^3$ *

Extraction method TO3

Analytical methods TO3

Work Order: 0812256

Lab ID	Client ID	Matrix	Initial Pressure	Final Pressure	TPH(g)	DF	% SS
001A	SV-14	Soil Vapor	11.9	11.9	ND	1	N/A
002A	SV-10	Soil Vapor	12.31	12.31	ND	1	N/A
003A	SV-11	Soil Vapor	11.81	11.81	ND	1	N/A
004A	SV-12	Soil Vapor	11.9	11.9	ND	1	N/A
005A	SV-9	Soil Vapor	12.25	12.25	ND	1	N/A
006A	SV-8	Soil Vapor	10.9	10.9	ND	1	N/A
007A	SV-7	Soil Vapor	11.6	11.6	ND	1	N/A
008A	SV-13	Soil Vapor	12.25	12.25	ND	1	N/A
009A	SV-13-Dup	Soil Vapor	12.48	12.48	ND	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	psia	psia	NA	NA
	Soil Vapor	psia	psia	1800	$\mu\text{g}/\text{m}^3$

*soil vapor samples are reported in $\mu\text{g}/\text{m}^3$.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130105; Golden Empire Properties	Date Sampled: 12/05/08
	Client Contact: Mark Jonas	Date Received: 12/08/08
	Client P.O.:	Date Extracted: 12/10/08-12/11/08
		Date Analyzed: 12/10/08-12/11/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline in nL/L*

Extraction method TO3 Analytical methods TO3 Work Order: 0812256

Lab ID	Client ID	Matrix	Initial Pressure	Final Pressure	TPH(g)	DF	% SS
001A	SV-14	Soil Vapor	11.9	11.9	ND	1	N/A
002A	SV-10	Soil Vapor	12.31	12.31	ND	1	N/A
003A	SV-11	Soil Vapor	11.81	11.81	ND	1	N/A
004A	SV-12	Soil Vapor	11.9	11.9	ND	1	N/A
005A	SV-9	Soil Vapor	12.25	12.25	ND	1	N/A
006A	SV-8	Soil Vapor	10.9	10.9	ND	1	N/A
007A	SV-7	Soil Vapor	11.6	11.6	ND	1	N/A
008A	SV-13	Soil Vapor	12.25	12.25	ND	1	N/A
009A	SV-13-Dup	Soil Vapor	12.48	12.48	ND	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	psia	psia	NA	NA
	Soil Vapor	psia	psia	500	nL/L

*soil vapor samples are reported in nL/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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



QC SUMMARY REPORT FOR ASTM D 1946-90

W.O. Sample Matrix: Soil Vapor

QC Matrix: Soil Vapor

BatchID: 40164

WorkOrder 0812256

EPA Method ASTM D 1946-90		Extraction ASTM D 1946-90							Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µL/L	µL/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Carbon Dioxide	N/A	200	N/A	N/A	N/A	112	106	5.40	N/A	N/A	70 - 130	20

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

BATCH 40164 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0812256-001A	12/05/08 12:08 PM	12/17/08	12/17/08 1:16 PM	0812256-001A	12/05/08 12:08 PM	12/22/08	12/22/08 12:37 PM
0812256-002A	12/05/08 1:30 PM	12/17/08	12/17/08 1:31 PM	0812256-002A	12/05/08 1:30 PM	12/22/08	12/22/08 1:05 PM
0812256-003A	12/05/08 1:50 PM	12/17/08	12/17/08 1:45 PM	0812256-003A	12/05/08 1:50 PM	12/22/08	12/22/08 3:08 PM
0812256-004A	12/05/08 2:24 PM	12/17/08	12/17/08 1:56 PM	0812256-004A	12/05/08 2:24 PM	12/22/08	12/22/08 3:22 PM
0812256-005A	12/05/08 3:10 PM	12/17/08	12/17/08 2:30 PM	0812256-005A	12/05/08 3:10 PM	12/22/08	12/22/08 3:44 PM
0812256-006A	12/05/08 4:40 PM	12/17/08	12/17/08 2:41 PM	0812256-006A	12/05/08 4:40 PM	12/22/08	12/22/08 4:09 PM
0812256-007A	12/05/08 4:26 PM	12/17/08	12/17/08 2:52 PM	0812256-007A	12/05/08 4:26 PM	12/22/08	12/22/08 4:24 PM
0812256-008A	12/05/08 11:48 AM	12/17/08	12/17/08 3:04 PM	0812256-008A	12/05/08 11:48 AM	12/22/08	12/22/08 4:38 PM
0812256-009A	12/05/08 11:48 AM	12/17/08	12/17/08 3:15 PM	0812256-009A	12/05/08 11:48 AM	12/22/08	12/22/08 4:52 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.



QC SUMMARY REPORT FOR ASTM D 1946-90

W.O. Sample Matrix: Soil Vapor

QC Matrix: Water

BatchID: 40108

WorkOrder 0812256

EPA Method ASTM D 1946-90		Extraction ASTM D 1946-90							Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Methane	N/A	1.17	N/A	N/A	N/A	98.6	98.2	0.395	N/A	N/A	80 - 120	20

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

BATCH 40108 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0812256-001A	12/05/08 12:08 PM	12/16/08	12/16/08 5:22 PM	0812256-002A	12/05/08 1:30 PM	12/16/08	12/16/08 5:34 PM
0812256-003A	12/05/08 1:50 PM	12/16/08	12/16/08 5:48 PM	0812256-004A	12/05/08 2:24 PM	12/16/08	12/16/08 6:00 PM
0812256-005A	12/05/08 3:10 PM	12/16/08	12/16/08 6:23 PM	0812256-006A	12/05/08 4:40 PM	12/16/08	12/16/08 6:41 PM
0812256-007A	12/05/08 4:26 PM	12/17/08	12/17/08 9:51 AM	0812256-008A	12/05/08 11:48 AM	12/17/08	12/17/08 10:06 AM
0812256-009A	12/05/08 11:48 AM	12/17/08	12/17/08 10:19 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.



QC SUMMARY REPORT FOR TO15

W.O. Sample Matrix: Soil Vapor

QC Matrix: Soil Vapor

BatchID: 40081

WorkOrder: 0812256

Table with columns: EPA Method: TO15, Extraction: TO15, Spiked Sample ID: N/A, Analyte, Sample, Spiked, MS, MSD, MS-MSD, LCS, LCSD, LCS-LCSD, Acceptance Criteria (%). Rows list various analytes like Acrylonitrile, Benzene, Chlorobenzene, etc.

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.



QC SUMMARY REPORT FOR TO15

W.O. Sample Matrix: Soil Vapor

QC Matrix: Soil Vapor

BatchID: 40081

WorkOrder: 0812256

Table with columns: EPA Method: TO15, Extraction: TO15, Spiked Sample ID: N/A, Analyte, Sample nL/L, Spiked nL/L, MS % Rec., MSD % Rec., MS-MSD % RPD, LCS % Rec., LCSD % Rec., LCS-LCSD % RPD, and Acceptance Criteria (%).

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.

Signature QA/QC Officer



QC SUMMARY REPORT FOR TO15

W.O. Sample Matrix: Soil Vapor

QC Matrix: Soil Vapor

BatchID: 40081

WorkOrder: 0812256

EPA Method: TO15		Extraction: TO15							Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	nL/L	nL/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD

BATCH 40081 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0812256-001A	12/05/08 12:08 PM	12/13/08	12/13/08 7:57 PM	0812256-002A	12/05/08 1:30 PM	12/13/08	12/13/08 8:41 PM
0812256-003A	12/05/08 1:50 PM	12/13/08	12/13/08 9:25 PM	0812256-004A	12/05/08 2:24 PM	12/13/08	12/13/08 10:10 PM
0812256-005A	12/05/08 3:10 PM	12/13/08	12/13/08 10:54 PM	0812256-006A	12/05/08 4:40 PM	12/13/08	12/13/08 11:41 PM
0812256-007A	12/05/08 4:26 PM	12/14/08	12/14/08 12:27 AM	0812256-008A	12/05/08 11:48 AM	12/14/08	12/14/08 1:15 AM
0812256-009A	12/05/08 11:48 AM	12/14/08	12/14/08 1:59 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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.



QC SUMMARY REPORT FOR TO3

W.O. Sample Matrix: Soil Vapor

QC Matrix: Soil Vapor

BatchID: 40082

WorkOrder: 0812256

EPA Method: TO3		Extraction: TO3							Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	nL/L	nL/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(g)	N/A	1250	N/A	N/A	N/A	87.1	85.6	1.64	N/A	N/A	70 - 130	20
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE												

BATCH 40082 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0812256-001A	12/05/08 12:08 PM	12/10/08	12/10/08 6:25 PM	0812256-002A	12/05/08 1:30 PM	12/10/08	12/10/08 7:04 PM
0812256-003A	12/05/08 1:50 PM	12/10/08	12/10/08 7:40 PM	0812256-004A	12/05/08 2:24 PM	12/10/08	12/10/08 8:16 PM
0812256-005A	12/05/08 3:10 PM	12/11/08	12/11/08 11:04 AM	0812256-006A	12/05/08 4:40 PM	12/11/08	12/11/08 11:43 AM
0812256-007A	12/05/08 4:26 PM	12/11/08	12/11/08 12:19 PM	0812256-008A	12/05/08 11:48 AM	12/11/08	12/11/08 12:57 PM
0812256-009A	12/05/08 11:48 AM	12/11/08	12/11/08 1:33 PM				

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

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

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.