Perjury Statement

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.

Ted Dang, President

7/12/06
Date

424 First Street
Benicia, California 94510
707 748-3170

July 7, 2007
Project: CA1264-6

Global ID: SL0609503209

Mr. Jerry Wickham
Alameda County Environmental Health Department
1131 Harbor Bay Parkway
Alameda, California
94502-6577

**Quarterly Groundwater Monitoring Report**
**Second Quarter 2007**
Former Gas Station
2547 East 27th Street
Oakland, California

Dear Mr. Wickham:

Ceres Associates is pleased to present this Second Quarter 2007, Quarterly Groundwater Monitoring Report, on behalf of Tomorrow Development for the former gas station at 2547 East 27th Street, Oakland, California (Property; *refer to Figure 1 - Property Location Map*).

**Background**

The Property is currently undeveloped with a chain-link fence along the perimeter. Some concrete pieces, remnants of the former foundation, were observed on the Property. The Property is located amongst single and multiple family residences.

The Property was formerly developed with a fuel and service station between 1927 and 1994. In 1994, one 100-gallon waste oil underground storage tank (UST) and four 500-gallon gasoline USTs were removed from the Property. After the tanks were removed, the excavation pits were lined with visqueen plastic and backfilled with the excavated material.

Assessment of the Property began in 2002 by Kleinfelder, followed by additional sampling events both on and off-site by Ceres Associates in 2005 and 2006. Contaminated backfill material was identified as a potential source of subsurface contamination. A total of approximately 200 cubic yards of contaminated soil was excavated and removed from the Property in late 2006 and early 2007. Copies of previous assessments can be found by contacting the Alameda County Environmental Health Department (EHD).

The regulatory risk criteria utilized in this report are Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB) for residential sites where groundwater IS a potential or current drinking water source.

**Geology and Hydrogeology**

The soils on the Property consist of generally sandy gravel fill from the surface to four (4) feet below ground surface (bgs). From four (4) to twelve (12) feet bgs the soil appears to be fat and lean silty clays. Below twelve (12) feet the soil is generally gravel and sand with some clay. Off-site soils are generally consistent with on-site soils.

Groundwater has been encountered on the Property between approximately three and fourteen (14) feet bgs. Once encountered, groundwater appears to rise to within approximately three to five feet of the ground surface. The variable groundwater elevations across the Property suggest the possibility of a perched groundwater lense. Groundwater flow gradients have historically been to the east-southeast.

**Scope of Sampling**

Ceres Associates conducted quarterly groundwater sampling activities of six monitoring wells on April 30, 2007: MW-1, MW-2, MW-3, MW-4, MW-5, and EX-1 *(refer to Figure 2 – Second Quarter 2007 Quarterly Monitoring Results).*

**Sampling Process**

Ceres Associates measured the depth to water from the top of each well casing *(refer to Appendix for a copy of the Monitoring Well Data Forms).*

As per the approved work plan, Ceres Associates employed a "low flow technique" to monitor the groundwater at the site. Polyethylene tubing was extended from the surface to the approximate mid-point of the screened interval of the well. The tubing was connected to a peristaltic pump, which pumped the groundwater to a flow-through multi-parameter cell devise. The water then flowed into additional tubing into a collection bucket to be transferred to the above mentioned 55-gallon drum for future disposal.

The wells were purged for at least five minutes at a rate of less than 1 liter per minute until the readings on the flow-through devise showed less than a 10% change for three consecutive minutes, for the following parameters: pH, conductivity, dissolved oxygen, and temperature. A sounding probe was used during the collection so that the pumping rate could be adjusted to assure that the well water depth remained stable. However, MW-2 was not able to supply enough water to allow for pumping for more than approximately six minutes. Thus, for this well only, the 10% change for three consecutive minutes parameter was not followed. For MW-2 the 40-milliliter glass vial samples were collected during the

first attempt after a five minute purge, then the one-liter amber bottle sample was collected approximately 90 minutes later, after a three minute purge.

All of the water samples were then collected in laboratory-cleaned 40-milliliter glass vials and one-liter amber bottles with Teflon-lined caps. The samples were then placed into an ice-cooled chest for delivery to a State of California-certified analytical laboratory.

Decontamination was accomplished by discarding all the tubing and then washing the flow-through cell and sounding probe using a non-phosphate detergent followed by two freshwater rinses.

Groundwater generated during the sampling and decontamination processes was placed into an on-site 55-gallon drum, pending laboratory analysis for proper disposal.

Ceres Associates requested that the laboratory analyze the sample for total petroleum hydrocarbons (TPH) as gasoline (TPHg), as diesel (TPHd), and as motor oil (TPHmo) using US EPA method 8015C; for benzene, toluene, ethylbenzene, and xylenes (BTEX) using US EPA Method 8021B; and for volatile organic compounds (VOCs) using US EPA Method 8260B. The sampling schematic changed since the previous quarterly monitoring event in compliance with a request made by the EHD in a letter dated April 26, 2007 (refer to Appendix – Regulatory Correspondence). Where analytes overlapped in methods, the higher result was reported herein.

**Results**

During April 2007, the groundwater gradient ranged from east to south-southeast, with an overall trend toward the southeast *(refer to Figure 3 - Groundwater Contour Map).*

The following table details the concentrations reported by the laboratory for samples submitted from this sampling event as well as historic values (no isoconcentration maps were generated for this data because there are insufficient data points for contouring).

# Quarterly Groundwater Monitoring Data and Results

*Site: 2547 East 27th Street, Oakland, California*

| Well *(TOC)* | Sample Date | Depth to Groundwater (ft) | Groundwater Elevation (ft amsl) | TPHg | TPHd | TPHmo | Benzene | Toluene | Ethylbenzene | Xylenes | MTBE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Concentrations reported as micrograms per Liter (µg/L)* | | | | | | | |
| *ESL (Table F-1a): Groundwater IS a current or potential source of drinking water* | | | | 100 | 100 | 100 | 1 | 40 | 30 | 20 | 5 |
| *ESL (Table E-1a): Potential Vapor Intrusion; High Permeability Soils, Residential Use* | | | | use soil gas | use soil gas | use soil gas | 540 | 380,000 | 170,000 | 160,000 | 24,000 |
| MW-1 | 8/24/2006 | 4.63 | 104.12 | ND | ND | NA | ND | ND | ND | ND | ND |
| *108.75* | 11/17/2006 | 4.50 | 104.25 | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1/30/2007 | 4.14 | 104.61 | ND | 78 | 280 | ND | ND | ND | ND | ND |
| | 4/30/2007 | 4.04 | 104.71 | ND | ND | ND | ND | ND | ND | ND | ND |
| MW-2 | 8/24/2006 | 4.26 | 105.29 | ND | 78 | NA | ND | ND | 0.65 | 1.5 | ND |
| *109.55* | 11/17/2006 | 4.16 | 105.39 | ND | ND | ND | ND | ND | 0.8 | 1.8 | ND |
| | 1/30/2007 | 4.29 | 105.26 | ND | ND | ND | ND | ND | 1 | 2 | ND |
| | 4/30/2007 | 4.53 | 105.02 | ND | 60 | ND | ND | ND | ND | ND | ND |
| MW-3 | 8/24/2006 | 4.40 | 104.00 | ND | ND | NA | ND | ND | ND | ND | ND |
| *108.4* | 11/17/2006 | 3.92 | 104.48 | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1/30/2007 | 4.30 | 104.10 | ND | ND | ND | ND | ND | ND | ND | ND |
| | 4/30/2007 | 4.22 | 104.18 | ND | ND | ND | ND | ND | ND | ND | ND |
| MW-4 | 8/24/2006 | 4.87 | 103.02 | ND | ND | NA | ND | ND | ND | ND | ND |
| *107.89* | 11/17/2006 | 3.75 | 104.14 | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1/30/2007 | 3.82 | 104.07 | ND | ND | ND | ND | ND | ND | ND | ND |
| | 4/30/2007 | 4.50 | 103.39 | ND | ND | ND | ND | ND | ND | ND | ND |
| MW-5 | 8/24/2006 | 5.00 | 103.65 | ND | ND | NA | ND | ND | ND | ND | ND |
| *108.65* | 11/17/2006 | 3.30 | 105.35 | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1/30/2007 | 3.22 | 105.43 | ND | ND | ND | ND | ND | ND | ND | ND |
| | 4/30/2007 | 3.20 | 105.45 | ND | ND | ND | ND | ND | ND | ND | ND |
| EX-1 | 8/24/2006 | 4.84 | 104.62 | 460 | 220 | NA | ND | ND | ND | ND | ND |
| *109.46* | 11/17/2006 | 4.38 | 105.08 | 270 | 130 | ND | ND | ND | ND | 1.9 | ND |
| | 1/30/2007 | 4.00 | 105.46 | 2,200 | 800 | 270 | 1 | ND | 3.9 | 3.2 | ND<10 |
| | 4/30/2007 | 4.20 | 105.26 | 1,000 | 740 | ND | ND | ND | 1.7 | 2.4 | ND |

**Abbreviations and Notes**

| | |
|---|---|
| µg/L | micrograms per Liter |
| TOC | elevation of well at the top of the casing, in feet above mean sea level |
| TPHg | total petroleum hydrocarbons as gasoline using US EPA method 8015C |
| TPHd | total petroleum hydrocarbons as diesel using US EPA method 8015C |
| TPHmo | total petroleum hydrocarbons as motor oil using US EPA method 8015C |
| MTBE | methyl tertiary butyl ether using US EPA method 8260B and/or 8021B |
| * | benzene, toluene, ethylbenzene, and xylenes were analyzed by US EPA method 8021B and 8260B (only the highest concentration was reported here) |
| ESL | Environmental Screening Limit, published by San Francisco Bay Regional Water Quality Control Board |
| NA | not analyzed |
| ND | not detected below the method reporting limit |
| ND < X | not detected below an increased method reporting limit (see lab sheets for further details) |
| NE | not yet an established value |

**Discussion**

*Petroleum Hydrocarbons*

TPHg, TPHd, and TPHmo were not detected in samples collected from MW-3, MW-4, or MW-5. This is consistent with historical monitoring events.

Though concentrations of TPHd and TPHmo were detected above the method reporting limits in MW-1 during the First Quarter 2007 monitoring event conducted in January 2007, concentrations of these analytes were not detected above the method detection limit during this Second Quarter 2007 monitoring event. The only TPHd and TPHmo concentrations reported in MW-1 above the method detection limit was the First Quarter 2007 event at 78 micrograms per liter (µg/L) and 280 µg/L, respectively.

Concentrations of TPHd in MW-2 have been sporadic, being reported above the method detection limit in half of the quarterly monitoring events: Third Quarter 2006 at 78 µg/L and Second Quarter 2007 at 60 µg/L. Both of these reported concentrations are below the Residential ESL for these compounds of 100 µg/L.

In groundwater monitoring well EX-1 concentrations of TPHg and TPHd have fluctuated over time. Further, concentrations of TPHmo have been reported above the method detection limit during only one quarter monitoring event, First Quarter 2007, which coincides with the only one other TPHmo concentration above the method detection limit (in MW-1 during the same quarter). The concentrations of TPHg and TPHd in groundwater monitoring well EX-1 have exceeded the Residential ESL since August 2006. Given the recent remedial efforts on-site, and given the proximity of this well to the remediation area, it is likely that future groundwater monitoring events will show a decrease in constituents in the groundwater in this area.

*Volatile Organic Compounds (VOCs)*

At the request of the EHD Ceres Associates requested VOC analysis using US EPA method 8260. VOC analytes were not detected in those samples collected from MW-1, MW-3, MW-4, or MW-5. This is consistent with historical monitoring events. Further, EDB, EDC, MTBE, TAME, ETBE, DIPE, and TBA were not detected above the method detection levels in all wells sampled. Chlorinated hydrocarbons carbon tetrachloride, ethylene dichloride, methylene chloride, tetrachloroethane, and trichloroethylene were also not detected above method detection levels in all wells sampled.

Benzene has only been reported in one well (EX-1) and in only one quarter (First Quarter 2007). However, concentrations of benzene were not reported during the current Second Quarter 2007 event above the method reporting limit of 0.5 µg/L. During the current sampling, sec-butyl benzene (refer to full laboratory reports in the appendix) was reported at 3.1 µg/L, isopropylbenzene at 8.5 µg/L, and n-propyl benzene at 7.6 µg/L. According to the laboratory these compounds are benzene rings with additional organic constituents, and are all common components of gasoline fuel. The laboratory further noted that these constituents are not usually significant components of diesel or kerosene.

Though during the first three quarterly monitoring events of MW-2 concentrations of ethylbenzene and xylenes were reported above the method detection limits (generally at or below 2 µg/L), during the current event these analytes were not detected above the method detection limit. During the current quarterly sampling event of this well, the laboratory reported that the sampled contained chloroform at 23 µg/L, bromoform at 0.51 µg/L, dichlorobromomethane at 0.55 µg/L, and bromochloromethane at 1.5 µg/L. This was the only well that such analytes were reported above the method detection limits. The source of these compounds is likely laboratory cross-contamination.

**Conclusions and Recommendations**

Concentrations of TPHg and TPHd were detected in groundwater monitoring well EX-1 at concentrations above the residential ESL. Concentrations of these analytes were not reported in the other monitoring wells. These results indicated that the affected groundwater is localized in the area of well EX-1. Minor concentrations of VOCs (primarily ethylbenzene and toluene) have been associated with higher concentrations of TPH compounds detected in well EX-1. These concentrations have continued to decrease, and are below the Residential ESLs.

Concentrations of TPHd and select VOCs detected presently and historically in MW-2 are well below residential ESLs are do not indicate a concern for the Property. This well is located off of the Property and cross-gradient to the source area on the Property. Installation details of well MW-2 from (refer to Revised Soil and Groundwater Sampling Report, dated July 2006) indicate that this monitoring well was installed to a depth of approximately 8 feet below ground surface (bgs) because of what the drill rig operator described as a large block of concrete beneath the well. The well is screened between 3 and 8 feet bgs and is located amongst several utility conduits (which frequently include gravelly layers for utility placement). Given the relatively shallow nature of the well and it's proximity to utility trenches, it is probable that the source of these constituents in MW-2 is from off the Property and such constituents may be migrating along the utility trenches.

Ceres Associates recommends conducting additional quarterly groundwater monitoring at the Property to assess the effectiveness of on-site remediation as well as general natural attenuation processes. The next quarterly groundwater monitoring event is scheduled for July 2007.

**Limitations**

This report was prepared according to accepted industry standards and guidelines for similar activities conducted in this geographic region at this time. Any data supplied by others is not the responsibility of Ceres Associates.

If you have questions regarding this project please contact Ryan Meyer at (707) 748-3170 or via email at ryanmeyer@ceresassociates.com.

Prepared by:

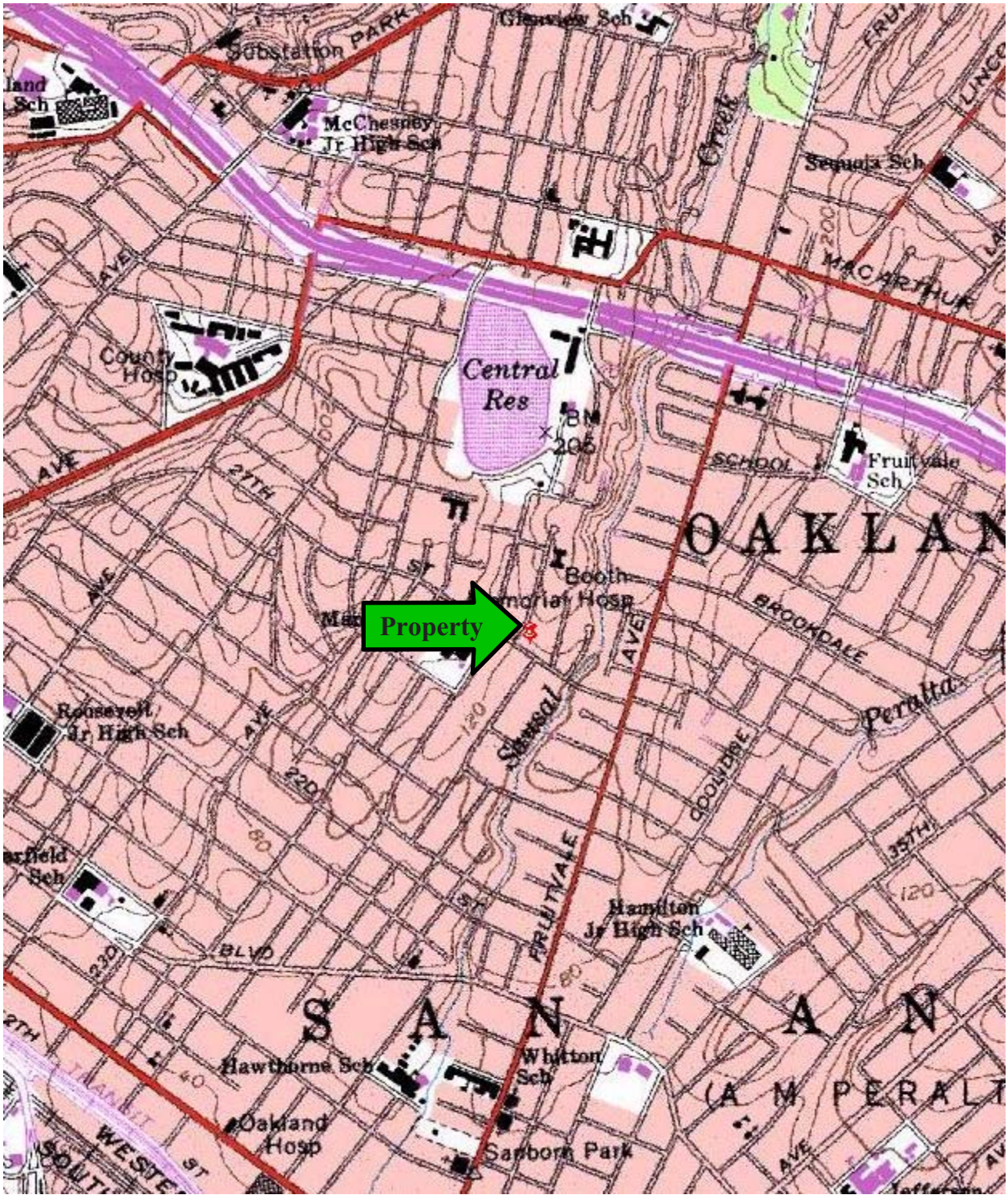
Ryan Meyer, REA
Project Geologist, Project Manager

Reviewed by:


Kimberly Brandt, PG CHG
Senior Project Geologist, Senior Project Manager

# Appendix

# Figures




N

1 inch equals 2000 feet

Map Taken From:

United States Geological Survey
7.5 Minute Topographic Series
Oakland East, California Quadrangle

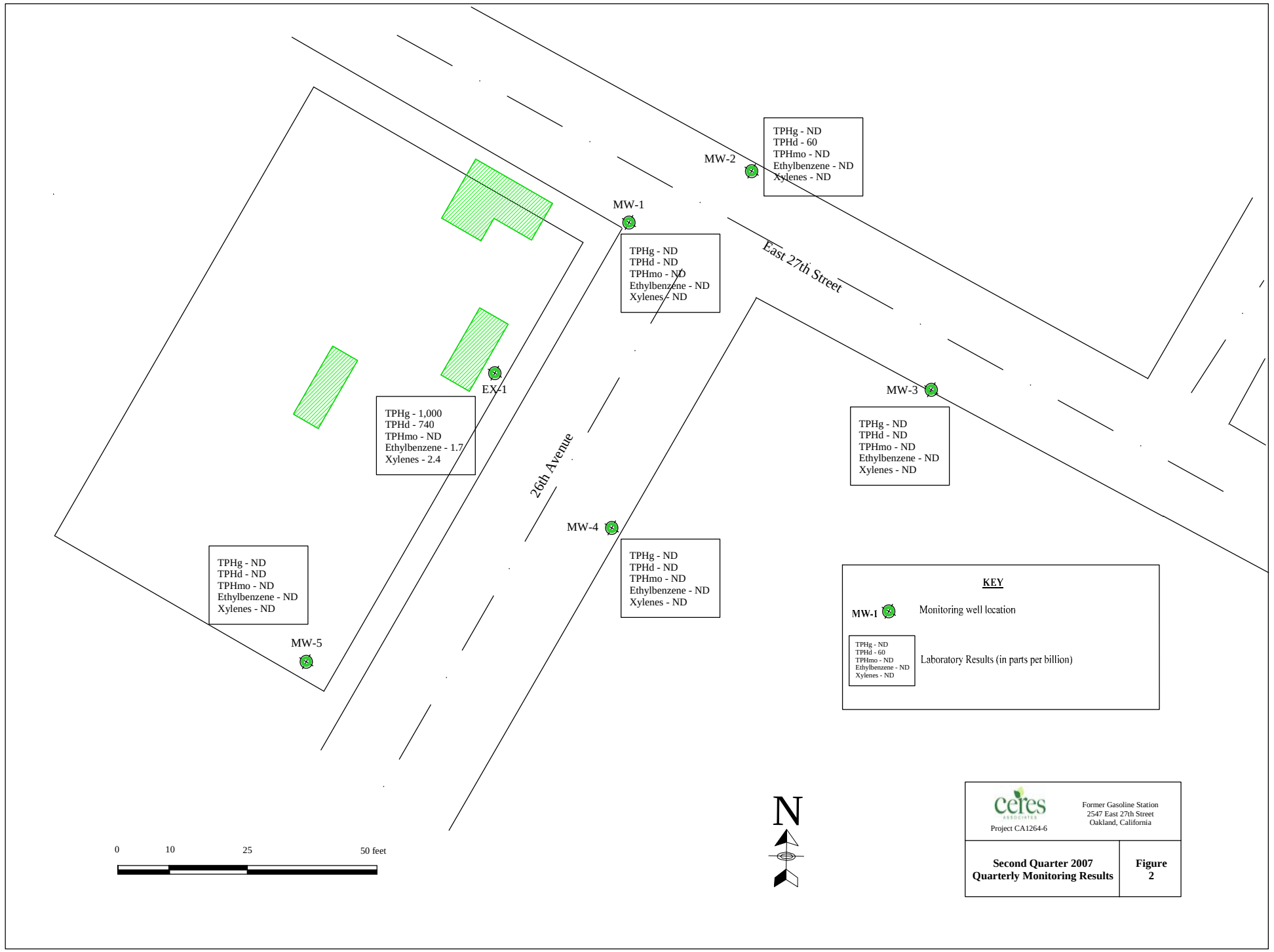
Ceres Associates

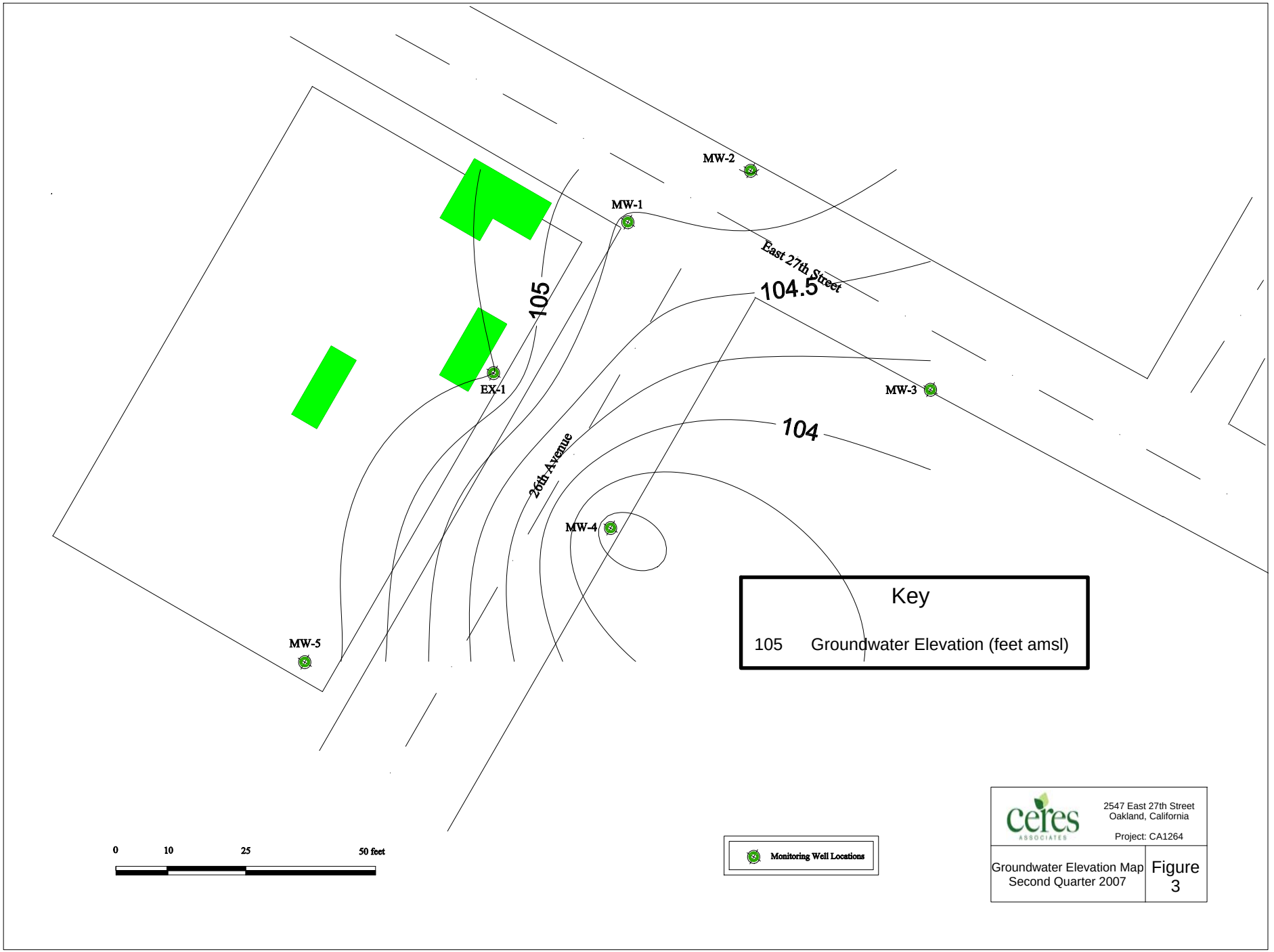
Project CA1264-6

Former Gasoline Station
2547 East 27th Street
Oakland, California

**PROPERTY LOCATION MAP**

**FIGURE 1**


MW-2
TPHg - ND
TPHd - 60
TPHmo - ND
Ethylbenzene - ND
Xylenes - ND
MW-1
TPHg - ND
TPHd - ND
TPHmo - ND
Ethylbenzene - ND
Xylenes - ND
East 27th Street
EX-1
TPHg - 1,000
TPHd - 740
TPHmo - ND
Ethylbenzene - 1.7
Xylenes - 2.4
26th Avenue
MW-3
TPHg - ND
TPHd - ND
TPHmo - ND
Ethylbenzene - ND
Xylenes - ND
MW-4
TPHg - ND
TPHd - ND
TPHmo - ND
Ethylbenzene - ND
Xylenes - ND
TPHg - ND
TPHd - ND
TPHmo - ND
Ethylbenzene - ND
Xylenes - ND
MW-5
KEY
MW-1
Monitoring well location
TPHg - ND
TPHd - 60
TPHmo - ND
Ethylbenzene - ND
Xylenes - ND
Laboratory Results (in parts per billion)
0
10
25
50 feet
N
ceres ASSOCIATES
Project CA1264-6
Former Gasoline Station
2547 East 27th Street
Oakland, California
Second Quarter 2007
Quarterly Monitoring Results
Figure
2




ceres ASSOCIATES

2547 East 27th Street
Oakland, California

Project: CA1264

Groundwater Elevation Map
Second Quarter 2007

Figure 3

# Laboratory Data Sheets

**McCampbell 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

| | | |
|---|---|---|
| Ceres Associates | Client Project ID: CA 1264; Qtrly Tomorrow | Date Sampled: 04/30/07 |
| 424 First Street | | Date Received: 04/30/07 |
| Benicia, CA 94510 | Client Contact: Ryan Meyer | Date Reported: 05/07/07 |
| | Client P.O.: | Date Completed: 05/07/07 |

**WorkOrder: 0704630**

May 07, 2007

Dear Ryan:

Enclosed are:

1). the results of **6** analyzed samples from your **CA 1264; Qtrly Tomorrow project,**

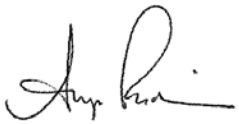
2). a QC report for the above samples

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. McCampbell 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

0704630 CAB

# 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: | Ryan Meyer |
| Company: | Delta Associates |
| | 1724 1st Street |
| | Benicia, CA 94510 |
| Tele: | (707) 748-3170 |
| Project #: | CA 1264- |
| Project Location: | Copeland |
| Sampler Signature: | |
| Bill To: | |
| E-Mail: | RYANMeyer@deltaassociates.com |
| Fax: | (707) 748-3171 |
| Project Name: | Qtrly Tommrow |

| SAMPLE ID | LOCATION/ Field Point Name | SAMPLING Date | SAMPLING Time | # Containers | Type Containers | MATRIX Water | MATRIX Soil | MATRIX Air | MATRIX Sludge | MATRIX Other | METHOD PRESERVED ICE | METHOD PRESERVED HCL | METHOD PRESERVED $HNO_3$ | METHOD PRESERVED Other | BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE | TPH as Diesel (8015) (MS/MSD) | Total Petroleum Oil & Grease (1664 / 5520 E/B&F) | Total Petroleum Hydrocarbons (418.1) | EPA 502.2 / 601 / 8010 / 8021 (HVOCs) | MTBE / BTEX ONLY (EPA 602 / 8021) | EPA 505/ 608 / 8081 (Cl Pesticides) | EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners | EPA 507 / 8141 (NP Pesticides) | EPA 515 / 8151 (Acidic Cl 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) | Other | Other | Other | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-1 | | 4-30-07 | | 5 | | X | | | | | X | X | | | X | X | | | | | | | | | X | | | | | | | | | |
| MW-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EX-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Relinquished By: [signature] Date: 4/30 Time: 2:55 Received By: Environtech (CA) 1455

Relinquished By: Environtech (CA) Date: 4/30/07 Time: 5:00 Received By:

Relinquished By: [signature] Date: 4/30/07 Time: 4:30 Received By: [signature]

ICE/t° 7.0 COMMENTS:
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION ✓ VOAS O&G METALS OTHER pH<2

Filter Samples for Metals analysis: Yes / No

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

# CHAIN-OF-CUSTODY RECORD



**WorkOrder: 0704630** **ClientID: CAB**

☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

**Report to:**
Ryan Meyer
Ceres Associates
424 First Street
Benicia, CA 94510

Email: ryanmeyer@ceresassociates.com
TEL: (707) 748-317 FAX: (707) 748-317
ProjectNo: CA 1264; Qtrly Tomorrow
PO:

**Bill t**
Chwania Mejia
Ceres Associates
424 First Street
Benicia, CA 94510
cmejia@ceresassociates.com

**Requested TAT:** 5 days

***Date Received*** **04/30/2007**
***Date Printed:*** **04/30/2007**

| Sample ID | ClientSampID | Matrix | Collection Date | Hold | Requested Tests (See legend below) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 0704630-001 | MW-1 | Water | 4/30/2007 | ☐ | C | A | | B | | | | | | | | |
| 0704630-002 | MW-2 | Water | 4/30/2007 | ☐ | C | A | C | B | | | | | | | | |
| 0704630-003 | MW-3 | Water | 4/30/2007 | ☐ | C | A | | B | | | | | | | | |
| 0704630-004 | MW-4 | Water | 4/30/2007 | ☐ | C | A | | B | | | | | | | | |
| 0704630-005 | MW-5 | Water | 4/30/2007 | ☐ | C | A | | B | | | | | | | | |
| 0704630-006 | EX-1 | Water | 4/30/2007 | ☐ | C | A | | B | | | | | | | | |

**Test Legend:**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 8260B_W | 2 | G-MBTEX_W | 3 | PREDF REPORT | 4 | TPH(DMO)_W | 5 | |
| 6 | | 7 | | 8 | | 9 | | 10 | |
| 11 | | 12 | | | | | | | |

**Prepared by: Sheli Cryderman**

**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.

**McCampbell 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

| | | |
|---|---|---|
| Ceres Associates | Client Project ID: CA 1264; Qtrly Tomorrow | Date Sampled: 04/30/07 |
| | | Date Received: 04/30/07 |
| 424 First Street | Client Contact: Ryan Meyer | Date Extracted: 05/01/07 |
| Benicia, CA 94510 | Client P.O.: | Date Analyzed: 05/01/07 |

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0704630

| | |
|---|---|
| Lab ID | 0704630-001C |
| Client ID | MW-1 |
| Matrix | Water |

| Compound | Concentration * | DF | Reporting Limit | Compound | Concentration * | DF | Reporting Limit |
|---|---|---|---|---|---|---|---|
| Acetone | ND | 1.0 | 10 | Acrolein (Propenal) | ND | 1.0 | 5.0 |
| Acrylonitrile | ND | 1.0 | 2.0 | tert-Amyl methyl ether (TAME) | ND | 1.0 | 0.5 |
| Benzene | ND | 1.0 | 0.5 | Bromobenzene | ND | 1.0 | 0.5 |
| Bromochloromethane | ND | 1.0 | 0.5 | Bromodichloromethane | ND | 1.0 | 0.5 |
| Bromoform | ND | 1.0 | 0.5 | Bromomethane | ND | 1.0 | 0.5 |
| 2-Butanone (MEK) | ND | 1.0 | 2.0 | t-Butyl alcohol (TBA) | ND | 1.0 | 5.0 |
| n-Butyl benzene | ND | 1.0 | 0.5 | sec-Butyl benzene | ND | 1.0 | 0.5 |
| tert-Butyl benzene | ND | 1.0 | 0.5 | Carbon Disulfide | ND | 1.0 | 0.5 |
| Carbon Tetrachloride | ND | 1.0 | 0.5 | Chlorobenzene | ND | 1.0 | 0.5 |
| Chloroethane | ND | 1.0 | 0.5 | 2-Chloroethyl Vinyl Ether | ND | 1.0 | 1.0 |
| Chloroform | ND | 1.0 | 0.5 | Chloromethane | ND | 1.0 | 0.5 |
| 2-Chlorotoluene | ND | 1.0 | 0.5 | 4-Chlorotoluene | ND | 1.0 | 0.5 |
| Dibromochloromethane | ND | 1.0 | 0.5 | 1,2-Dibromo-3-chloropropane | ND | 1.0 | 0.5 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | 0.5 | Dibromomethane | ND | 1.0 | 0.5 |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.5 | 1,3-Dichlorobenzene | ND | 1.0 | 0.5 |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.5 | Dichlorodifluoromethane | ND | 1.0 | 0.5 |
| 1,1-Dichloroethane | ND | 1.0 | 0.5 | 1,2-Dichloroethane (1,2-DCA) | ND | 1.0 | 0.5 |
| 1,1-Dichloroethene | ND | 1.0 | 0.5 | cis-1,2-Dichloroethene | ND | 1.0 | 0.5 |
| trans-1,2-Dichloroethene | ND | 1.0 | 0.5 | 1,2-Dichloropropane | ND | 1.0 | 0.5 |
| 1,3-Dichloropropane | ND | 1.0 | 0.5 | 2,2-Dichloropropane | ND | 1.0 | 0.5 |
| 1,1-Dichloropropene | ND | 1.0 | 0.5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.5 |
| trans-1,3-Dichloropropene | ND | 1.0 | 0.5 | Diisopropyl ether (DIPE) | ND | 1.0 | 0.5 |
| Ethylbenzene | ND | 1.0 | 0.5 | Ethyl tert-butyl ether (ETBE) | ND | 1.0 | 0.5 |
| Freon 113 | ND | 1.0 | 10 | Hexachlorobutadiene | ND | 1.0 | 0.5 |
| Hexachloroethane | ND | 1.0 | 0.5 | 2-Hexanone | ND | 1.0 | 0.5 |
| Isopropylbenzene | ND | 1.0 | 0.5 | 4-Isopropyl toluene | ND | 1.0 | 0.5 |
| Methyl-t-butyl ether (MTBE) | ND | 1.0 | 0.5 | Methylene chloride | ND | 1.0 | 0.5 |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.0 | 0.5 | Naphthalene | ND | 1.0 | 0.5 |
| Nitrobenzene | ND | 1.0 | 10 | n-Propyl benzene | ND | 1.0 | 0.5 |
| Styrene | ND | 1.0 | 0.5 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 0.5 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.5 | Tetrachloroethene | ND | 1.0 | 0.5 |
| Toluene | ND | 1.0 | 0.5 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.5 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.5 | 1,1,1-Trichloroethane | ND | 1.0 | 0.5 |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.5 | Trichloroethene | ND | 1.0 | 0.5 |
| Trichlorofluoromethane | ND | 1.0 | 0.5 | 1,2,3-Trichloropropane | ND | 1.0 | 0.5 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.5 | 1,3,5-Trimethylbenzene | ND | 1.0 | 0.5 |
| Vinyl Chloride | ND | 1.0 | 0.5 | Xylenes | ND | 1.0 | 0.5 |

**Surrogate Recoveries (%)**

| | | | |
|---|---|---|---|
| %SS1: | 97 | %SS2: | 92 |
| %SS3: | 108 | | |

Comments:

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

ND means not detected above the reporting limit; 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; q) reported in ppm.

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

| | | |
|---|---|---|
| Ceres Associates | Client Project ID: CA 1264; Qtrly Tomorrow | Date Sampled: 04/30/07 |
| | | Date Received: 04/30/07 |
| 424 First Street | Client Contact: Ryan Meyer | Date Extracted: 05/01/07 |
| Benicia, CA 94510 | Client P.O.: | Date Analyzed: 05/01/07 |

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0704630

| | |
|---|---|
| Lab ID | 0704630-002C |
| Client ID | MW-2 |
| Matrix | Water |

| Compound | Concentration * | DF | Reporting Limit | Compound | Concentration * | DF | Reporting Limit |
|---|---|---|---|---|---|---|---|
| Acetone | ND | 1.0 | 10 | Acrolein (Propenal) | ND | 1.0 | 5.0 |
| Acrylonitrile | ND | 1.0 | 2.0 | tert-Amyl methyl ether (TAME) | ND | 1.0 | 0.5 |
| Benzene | ND | 1.0 | 0.5 | Bromobenzene | ND | 1.0 | 0.5 |
| Bromochloromethane | ND | 1.0 | 0.5 | Bromodichloromethane | 1.5 | 1.0 | 0.5 |
| Bromoform | 0.51 | 1.0 | 0.5 | Bromomethane | ND | 1.0 | 0.5 |
| 2-Butanone (MEK) | ND | 1.0 | 2.0 | t-Butyl alcohol (TBA) | ND | 1.0 | 5.0 |
| n-Butyl benzene | ND | 1.0 | 0.5 | sec-Butyl benzene | ND | 1.0 | 0.5 |
| tert-Butyl benzene | ND | 1.0 | 0.5 | Carbon Disulfide | ND | 1.0 | 0.5 |
| Carbon Tetrachloride | ND | 1.0 | 0.5 | Chlorobenzene | ND | 1.0 | 0.5 |
| Chloroethane | ND | 1.0 | 0.5 | 2-Chloroethyl Vinyl Ether | ND | 1.0 | 1.0 |
| Chloroform | 23 | 1.0 | 0.5 | Chloromethane | ND | 1.0 | 0.5 |
| 2-Chlorotoluene | ND | 1.0 | 0.5 | 4-Chlorotoluene | ND | 1.0 | 0.5 |
| Dibromochloromethane | 0.55 | 1.0 | 0.5 | 1,2-Dibromo-3-chloropropane | ND | 1.0 | 0.5 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | 0.5 | Dibromomethane | ND | 1.0 | 0.5 |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.5 | 1,3-Dichlorobenzene | ND | 1.0 | 0.5 |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.5 | Dichlorodifluoromethane | ND | 1.0 | 0.5 |
| 1,1-Dichloroethane | ND | 1.0 | 0.5 | 1,2-Dichloroethane (1,2-DCA) | ND | 1.0 | 0.5 |
| 1,1-Dichloroethene | ND | 1.0 | 0.5 | cis-1,2-Dichloroethene | ND | 1.0 | 0.5 |
| trans-1,2-Dichloroethene | ND | 1.0 | 0.5 | 1,2-Dichloropropane | ND | 1.0 | 0.5 |
| 1,3-Dichloropropane | ND | 1.0 | 0.5 | 2,2-Dichloropropane | ND | 1.0 | 0.5 |
| 1,1-Dichloropropene | ND | 1.0 | 0.5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.5 |
| trans-1,3-Dichloropropene | ND | 1.0 | 0.5 | Diisopropyl ether (DIPE) | ND | 1.0 | 0.5 |
| Ethylbenzene | ND | 1.0 | 0.5 | Ethyl tert-butyl ether (ETBE) | ND | 1.0 | 0.5 |
| Freon 113 | ND | 1.0 | 10 | Hexachlorobutadiene | ND | 1.0 | 0.5 |
| Hexachloroethane | ND | 1.0 | 0.5 | 2-Hexanone | ND | 1.0 | 0.5 |
| Isopropylbenzene | ND | 1.0 | 0.5 | 4-Isopropyl toluene | ND | 1.0 | 0.5 |
| Methyl-t-butyl ether (MTBE) | ND | 1.0 | 0.5 | Methylene chloride | ND | 1.0 | 0.5 |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.0 | 0.5 | Naphthalene | ND | 1.0 | 0.5 |
| Nitrobenzene | ND | 1.0 | 10 | n-Propyl benzene | ND | 1.0 | 0.5 |
| Styrene | ND | 1.0 | 0.5 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 0.5 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.5 | Tetrachloroethene | ND | 1.0 | 0.5 |
| Toluene | ND | 1.0 | 0.5 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.5 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.5 | 1,1,1-Trichloroethane | ND | 1.0 | 0.5 |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.5 | Trichloroethene | ND | 1.0 | 0.5 |
| Trichlorofluoromethane | ND | 1.0 | 0.5 | 1,2,3-Trichloropropane | ND | 1.0 | 0.5 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.5 | 1,3,5-Trimethylbenzene | ND | 1.0 | 0.5 |
| Vinyl Chloride | ND | 1.0 | 0.5 | Xylenes | ND | 1.0 | 0.5 |

**Surrogate Recoveries (%)**

| | | | |
|---|---|---|---|
| %SS1: | 98 | %SS2: | 92 |
| %SS3: | 108 | | |

Comments:

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

ND means not detected above the reporting limit; 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; q) reported in ppm.

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| | | |
|---|---|---|
| Ceres Associates | Client Project ID: CA 1264; Qtrly Tomorrow | Date Sampled: 04/30/07 |
| | | Date Received: 04/30/07 |
| 424 First Street | Client Contact: Ryan Meyer | Date Extracted: 05/01/07 |
| Benicia, CA 94510 | Client P.O.: | Date Analyzed: 05/01/07 |

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0704630

| | |
|---|---|
| Lab ID | 0704630-003C |
| Client ID | MW-3 |
| Matrix | Water |

| Compound | Concentration * | DF | Reporting Limit | Compound | Concentration * | DF | Reporting Limit |
|---|---|---|---|---|---|---|---|
| Acetone | ND | 1.0 | 10 | Acrolein (Propenal) | ND | 1.0 | 5.0 |
| Acrylonitrile | ND | 1.0 | 2.0 | tert-Amyl methyl ether (TAME) | ND | 1.0 | 0.5 |
| Benzene | ND | 1.0 | 0.5 | Bromobenzene | ND | 1.0 | 0.5 |
| Bromochloromethane | ND | 1.0 | 0.5 | Bromodichloromethane | ND | 1.0 | 0.5 |
| Bromoform | ND | 1.0 | 0.5 | Bromomethane | ND | 1.0 | 0.5 |
| 2-Butanone (MEK) | ND | 1.0 | 2.0 | t-Butyl alcohol (TBA) | ND | 1.0 | 5.0 |
| n-Butyl benzene | ND | 1.0 | 0.5 | sec-Butyl benzene | ND | 1.0 | 0.5 |
| tert-Butyl benzene | ND | 1.0 | 0.5 | Carbon Disulfide | ND | 1.0 | 0.5 |
| Carbon Tetrachloride | ND | 1.0 | 0.5 | Chlorobenzene | ND | 1.0 | 0.5 |
| Chloroethane | ND | 1.0 | 0.5 | 2-Chloroethyl Vinyl Ether | ND | 1.0 | 1.0 |
| Chloroform | ND | 1.0 | 0.5 | Chloromethane | ND | 1.0 | 0.5 |
| 2-Chlorotoluene | ND | 1.0 | 0.5 | 4-Chlorotoluene | ND | 1.0 | 0.5 |
| Dibromochloromethane | ND | 1.0 | 0.5 | 1,2-Dibromo-3-chloropropane | ND | 1.0 | 0.5 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | 0.5 | Dibromomethane | ND | 1.0 | 0.5 |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.5 | 1,3-Dichlorobenzene | ND | 1.0 | 0.5 |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.5 | Dichlorodifluoromethane | ND | 1.0 | 0.5 |
| 1,1-Dichloroethane | ND | 1.0 | 0.5 | 1,2-Dichloroethane (1,2-DCA) | ND | 1.0 | 0.5 |
| 1,1-Dichloroethene | ND | 1.0 | 0.5 | cis-1,2-Dichloroethene | ND | 1.0 | 0.5 |
| trans-1,2-Dichloroethene | ND | 1.0 | 0.5 | 1,2-Dichloropropane | ND | 1.0 | 0.5 |
| 1,3-Dichloropropane | ND | 1.0 | 0.5 | 2,2-Dichloropropane | ND | 1.0 | 0.5 |
| 1,1-Dichloropropene | ND | 1.0 | 0.5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.5 |
| trans-1,3-Dichloropropene | ND | 1.0 | 0.5 | Diisopropyl ether (DIPE) | ND | 1.0 | 0.5 |
| Ethylbenzene | ND | 1.0 | 0.5 | Ethyl tert-butyl ether (ETBE) | ND | 1.0 | 0.5 |
| Freon 113 | ND | 1.0 | 10 | Hexachlorobutadiene | ND | 1.0 | 0.5 |
| Hexachloroethane | ND | 1.0 | 0.5 | 2-Hexanone | ND | 1.0 | 0.5 |
| Isopropylbenzene | ND | 1.0 | 0.5 | 4-Isopropyl toluene | ND | 1.0 | 0.5 |
| Methyl-t-butyl ether (MTBE) | ND | 1.0 | 0.5 | Methylene chloride | ND | 1.0 | 0.5 |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.0 | 0.5 | Naphthalene | ND | 1.0 | 0.5 |
| Nitrobenzene | ND | 1.0 | 10 | n-Propyl benzene | ND | 1.0 | 0.5 |
| Styrene | ND | 1.0 | 0.5 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 0.5 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.5 | Tetrachloroethene | ND | 1.0 | 0.5 |
| Toluene | ND | 1.0 | 0.5 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.5 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.5 | 1,1,1-Trichloroethane | ND | 1.0 | 0.5 |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.5 | Trichloroethene | ND | 1.0 | 0.5 |
| Trichlorofluoromethane | ND | 1.0 | 0.5 | 1,2,3-Trichloropropane | ND | 1.0 | 0.5 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.5 | 1,3,5-Trimethylbenzene | ND | 1.0 | 0.5 |
| Vinyl Chloride | ND | 1.0 | 0.5 | Xylenes | ND | 1.0 | 0.5 |

**Surrogate Recoveries (%)**

| | | | |
|---|---|---|---|
| %SS1: | 98 | %SS2: | 92 |
| %SS3: | 108 | | |

Comments:

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

ND means not detected above the reporting limit; 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; q) reported in ppm.

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| | | |
|---|---|---|
| Ceres Associates | Client Project ID: CA 1264; Qtrly Tomorrow | Date Sampled: 04/30/07 |
| | | Date Received: 04/30/07 |
| 424 First Street | Client Contact: Ryan Meyer | Date Extracted: 05/01/07 |
| Benicia, CA 94510 | Client P.O.: | Date Analyzed: 05/01/07 |

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0704630

| | |
|---|---|
| Lab ID | 0704630-004C |
| Client ID | MW-4 |
| Matrix | Water |

| Compound | Concentration * | DF | Reporting Limit | Compound | Concentration * | DF | Reporting Limit |
|---|---|---|---|---|---|---|---|
| Acetone | ND | 1.0 | 10 | Acrolein (Propenal) | ND | 1.0 | 5.0 |
| Acrylonitrile | ND | 1.0 | 2.0 | tert-Amyl methyl ether (TAME) | ND | 1.0 | 0.5 |
| Benzene | ND | 1.0 | 0.5 | Bromobenzene | ND | 1.0 | 0.5 |
| Bromochloromethane | ND | 1.0 | 0.5 | Bromodichloromethane | ND | 1.0 | 0.5 |
| Bromoform | ND | 1.0 | 0.5 | Bromomethane | ND | 1.0 | 0.5 |
| 2-Butanone (MEK) | ND | 1.0 | 2.0 | t-Butyl alcohol (TBA) | ND | 1.0 | 5.0 |
| n-Butyl benzene | ND | 1.0 | 0.5 | sec-Butyl benzene | ND | 1.0 | 0.5 |
| tert-Butyl benzene | ND | 1.0 | 0.5 | Carbon Disulfide | ND | 1.0 | 0.5 |
| Carbon Tetrachloride | ND | 1.0 | 0.5 | Chlorobenzene | ND | 1.0 | 0.5 |
| Chloroethane | ND | 1.0 | 0.5 | 2-Chloroethyl Vinyl Ether | ND | 1.0 | 1.0 |
| Chloroform | ND | 1.0 | 0.5 | Chloromethane | ND | 1.0 | 0.5 |
| 2-Chlorotoluene | ND | 1.0 | 0.5 | 4-Chlorotoluene | ND | 1.0 | 0.5 |
| Dibromochloromethane | ND | 1.0 | 0.5 | 1,2-Dibromo-3-chloropropane | ND | 1.0 | 0.5 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | 0.5 | Dibromomethane | ND | 1.0 | 0.5 |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.5 | 1,3-Dichlorobenzene | ND | 1.0 | 0.5 |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.5 | Dichlorodifluoromethane | ND | 1.0 | 0.5 |
| 1,1-Dichloroethane | ND | 1.0 | 0.5 | 1,2-Dichloroethane (1,2-DCA) | ND | 1.0 | 0.5 |
| 1,1-Dichloroethene | ND | 1.0 | 0.5 | cis-1,2-Dichloroethene | ND | 1.0 | 0.5 |
| trans-1,2-Dichloroethene | ND | 1.0 | 0.5 | 1,2-Dichloropropane | ND | 1.0 | 0.5 |
| 1,3-Dichloropropane | ND | 1.0 | 0.5 | 2,2-Dichloropropane | ND | 1.0 | 0.5 |
| 1,1-Dichloropropene | ND | 1.0 | 0.5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.5 |
| trans-1,3-Dichloropropene | ND | 1.0 | 0.5 | Diisopropyl ether (DIPE) | ND | 1.0 | 0.5 |
| Ethylbenzene | ND | 1.0 | 0.5 | Ethyl tert-butyl ether (ETBE) | ND | 1.0 | 0.5 |
| Freon 113 | ND | 1.0 | 10 | Hexachlorobutadiene | ND | 1.0 | 0.5 |
| Hexachloroethane | ND | 1.0 | 0.5 | 2-Hexanone | ND | 1.0 | 0.5 |
| Isopropylbenzene | ND | 1.0 | 0.5 | 4-Isopropyl toluene | ND | 1.0 | 0.5 |
| Methyl-t-butyl ether (MTBE) | ND | 1.0 | 0.5 | Methylene chloride | ND | 1.0 | 0.5 |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.0 | 0.5 | Naphthalene | ND | 1.0 | 0.5 |
| Nitrobenzene | ND | 1.0 | 10 | n-Propyl benzene | ND | 1.0 | 0.5 |
| Styrene | ND | 1.0 | 0.5 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 0.5 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.5 | Tetrachloroethene | ND | 1.0 | 0.5 |
| Toluene | ND | 1.0 | 0.5 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.5 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.5 | 1,1,1-Trichloroethane | ND | 1.0 | 0.5 |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.5 | Trichloroethene | ND | 1.0 | 0.5 |
| Trichlorofluoromethane | ND | 1.0 | 0.5 | 1,2,3-Trichloropropane | ND | 1.0 | 0.5 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.5 | 1,3,5-Trimethylbenzene | ND | 1.0 | 0.5 |
| Vinyl Chloride | ND | 1.0 | 0.5 | Xylenes | ND | 1.0 | 0.5 |

**Surrogate Recoveries (%)**

| | | | |
|---|---|---|---|
| %SS1: | 97 | %SS2: | 93 |
| %SS3: | 108 | | |

Comments:

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

ND means not detected above the reporting limit; 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; q) reported in ppm.

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| | | |
|---|---|---|
| Ceres Associates | Client Project ID: CA 1264; Qtrly Tomorrow | Date Sampled: 04/30/07 |
| | | Date Received: 04/30/07 |
| 424 First Street | Client Contact: Ryan Meyer | Date Extracted: 05/01/07 |
| Benicia, CA 94510 | Client P.O.: | Date Analyzed: 05/01/07 |

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0704630

| | |
|---|---|
| Lab ID | 0704630-005C |
| Client ID | MW-5 |
| Matrix | Water |

| Compound | Concentration * | DF | Reporting Limit | Compound | Concentration * | DF | Reporting Limit |
|---|---|---|---|---|---|---|---|
| Acetone | ND | 1.0 | 10 | Acrolein (Propenal) | ND | 1.0 | 5.0 |
| Acrylonitrile | ND | 1.0 | 2.0 | tert-Amyl methyl ether (TAME) | ND | 1.0 | 0.5 |
| Benzene | ND | 1.0 | 0.5 | Bromobenzene | ND | 1.0 | 0.5 |
| Bromochloromethane | ND | 1.0 | 0.5 | Bromodichloromethane | ND | 1.0 | 0.5 |
| Bromoform | ND | 1.0 | 0.5 | Bromomethane | ND | 1.0 | 0.5 |
| 2-Butanone (MEK) | ND | 1.0 | 2.0 | t-Butyl alcohol (TBA) | ND | 1.0 | 5.0 |
| n-Butyl benzene | ND | 1.0 | 0.5 | sec-Butyl benzene | ND | 1.0 | 0.5 |
| tert-Butyl benzene | ND | 1.0 | 0.5 | Carbon Disulfide | ND | 1.0 | 0.5 |
| Carbon Tetrachloride | ND | 1.0 | 0.5 | Chlorobenzene | ND | 1.0 | 0.5 |
| Chloroethane | ND | 1.0 | 0.5 | 2-Chloroethyl Vinyl Ether | ND | 1.0 | 1.0 |
| Chloroform | ND | 1.0 | 0.5 | Chloromethane | ND | 1.0 | 0.5 |
| 2-Chlorotoluene | ND | 1.0 | 0.5 | 4-Chlorotoluene | ND | 1.0 | 0.5 |
| Dibromochloromethane | ND | 1.0 | 0.5 | 1,2-Dibromo-3-chloropropane | ND | 1.0 | 0.5 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | 0.5 | Dibromomethane | ND | 1.0 | 0.5 |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.5 | 1,3-Dichlorobenzene | ND | 1.0 | 0.5 |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.5 | Dichlorodifluoromethane | ND | 1.0 | 0.5 |
| 1,1-Dichloroethane | ND | 1.0 | 0.5 | 1,2-Dichloroethane (1,2-DCA) | ND | 1.0 | 0.5 |
| 1,1-Dichloroethene | ND | 1.0 | 0.5 | cis-1,2-Dichloroethene | ND | 1.0 | 0.5 |
| trans-1,2-Dichloroethene | ND | 1.0 | 0.5 | 1,2-Dichloropropane | ND | 1.0 | 0.5 |
| 1,3-Dichloropropane | ND | 1.0 | 0.5 | 2,2-Dichloropropane | ND | 1.0 | 0.5 |
| 1,1-Dichloropropene | ND | 1.0 | 0.5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.5 |
| trans-1,3-Dichloropropene | ND | 1.0 | 0.5 | Diisopropyl ether (DIPE) | ND | 1.0 | 0.5 |
| Ethylbenzene | ND | 1.0 | 0.5 | Ethyl tert-butyl ether (ETBE) | ND | 1.0 | 0.5 |
| Freon 113 | ND | 1.0 | 10 | Hexachlorobutadiene | ND | 1.0 | 0.5 |
| Hexachloroethane | ND | 1.0 | 0.5 | 2-Hexanone | ND | 1.0 | 0.5 |
| Isopropylbenzene | ND | 1.0 | 0.5 | 4-Isopropyl toluene | ND | 1.0 | 0.5 |
| Methyl-t-butyl ether (MTBE) | ND | 1.0 | 0.5 | Methylene chloride | ND | 1.0 | 0.5 |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.0 | 0.5 | Naphthalene | ND | 1.0 | 0.5 |
| Nitrobenzene | ND | 1.0 | 10 | n-Propyl benzene | ND | 1.0 | 0.5 |
| Styrene | ND | 1.0 | 0.5 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 0.5 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.5 | Tetrachloroethene | ND | 1.0 | 0.5 |
| Toluene | ND | 1.0 | 0.5 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.5 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.5 | 1,1,1-Trichloroethane | ND | 1.0 | 0.5 |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.5 | Trichloroethene | ND | 1.0 | 0.5 |
| Trichlorofluoromethane | ND | 1.0 | 0.5 | 1,2,3-Trichloropropane | ND | 1.0 | 0.5 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.5 | 1,3,5-Trimethylbenzene | ND | 1.0 | 0.5 |
| Vinyl Chloride | ND | 1.0 | 0.5 | Xylenes | ND | 1.0 | 0.5 |

**Surrogate Recoveries (%)**

| | | | |
|---|---|---|---|
| %SS1: | 97 | %SS2: | 92 |
| %SS3: | 106 | | |

Comments:

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

ND means not detected above the reporting limit; 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; q) reported in ppm.

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| | | |
|---|---|---|
| Ceres Associates | Client Project ID: CA 1264; Qtrly Tomorrow | Date Sampled: 04/30/07 |
| | | Date Received: 04/30/07 |
| 424 First Street | Client Contact: Ryan Meyer | Date Extracted: 05/02/07 |
| Benicia, CA 94510 | Client P.O.: | Date Analyzed: 05/02/07 |

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0704630

| | |
|---|---|
| Lab ID | 0704630-006C |
| Client ID | EX-1 |
| Matrix | Water |

| Compound | Concentration * | DF | Reporting Limit | Compound | Concentration * | DF | Reporting Limit |
|---|---|---|---|---|---|---|---|
| Acetone | ND | 1.0 | 10 | Acrolein (Propenal) | ND | 1.0 | 5.0 |
| Acrylonitrile | ND | 1.0 | 2.0 | tert-Amyl methyl ether (TAME) | ND | 1.0 | 0.5 |
| Benzene | ND | 1.0 | 0.5 | Bromobenzene | ND | 1.0 | 0.5 |
| Bromochloromethane | ND | 1.0 | 0.5 | Bromodichloromethane | ND | 1.0 | 0.5 |
| Bromoform | ND | 1.0 | 0.5 | Bromomethane | ND | 1.0 | 0.5 |
| 2-Butanone (MEK) | ND | 1.0 | 2.0 | t-Butyl alcohol (TBA) | ND | 1.0 | 5.0 |
| n-Butyl benzene | ND | 1.0 | 0.5 | sec-Butyl benzene | 3.1 | 1.0 | 0.5 |
| tert-Butyl benzene | ND | 1.0 | 0.5 | Carbon Disulfide | ND | 1.0 | 0.5 |
| Carbon Tetrachloride | ND | 1.0 | 0.5 | Chlorobenzene | ND | 1.0 | 0.5 |
| Chloroethane | ND | 1.0 | 0.5 | 2-Chloroethyl Vinyl Ether | ND | 1.0 | 1.0 |
| Chloroform | ND | 1.0 | 0.5 | Chloromethane | ND | 1.0 | 0.5 |
| 2-Chlorotoluene | ND | 1.0 | 0.5 | 4-Chlorotoluene | ND | 1.0 | 0.5 |
| Dibromochloromethane | ND | 1.0 | 0.5 | 1,2-Dibromo-3-chloropropane | ND | 1.0 | 0.5 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | 0.5 | Dibromomethane | ND | 1.0 | 0.5 |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.5 | 1,3-Dichlorobenzene | ND | 1.0 | 0.5 |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.5 | Dichlorodifluoromethane | ND | 1.0 | 0.5 |
| 1,1-Dichloroethane | ND | 1.0 | 0.5 | 1,2-Dichloroethane (1,2-DCA) | ND | 1.0 | 0.5 |
| 1,1-Dichloroethene | ND | 1.0 | 0.5 | cis-1,2-Dichloroethene | ND | 1.0 | 0.5 |
| trans-1,2-Dichloroethene | ND | 1.0 | 0.5 | 1,2-Dichloropropane | ND | 1.0 | 0.5 |
| 1,3-Dichloropropane | ND | 1.0 | 0.5 | 2,2-Dichloropropane | ND | 1.0 | 0.5 |
| 1,1-Dichloropropene | ND | 1.0 | 0.5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.5 |
| trans-1,3-Dichloropropene | ND | 1.0 | 0.5 | Diisopropyl ether (DIPE) | ND | 1.0 | 0.5 |
| Ethylbenzene | ND | 1.0 | 0.5 | Ethyl tert-butyl ether (ETBE) | ND | 1.0 | 0.5 |
| Freon 113 | ND | 1.0 | 10 | Hexachlorobutadiene | ND | 1.0 | 0.5 |
| Hexachloroethane | ND | 1.0 | 0.5 | 2-Hexanone | ND | 1.0 | 0.5 |
| Isopropylbenzene | 8.5 | 1.0 | 0.5 | 4-Isopropyl toluene | ND | 1.0 | 0.5 |
| Methyl-t-butyl ether (MTBE) | ND | 1.0 | 0.5 | Methylene chloride | ND | 1.0 | 0.5 |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.0 | 0.5 | Naphthalene | ND | 1.0 | 0.5 |
| Nitrobenzene | ND | 1.0 | 10 | n-Propyl benzene | 7.6 | 1.0 | 0.5 |
| Styrene | ND | 1.0 | 0.5 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 0.5 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.5 | Tetrachloroethene | ND | 1.0 | 0.5 |
| Toluene | ND | 1.0 | 0.5 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.5 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.5 | 1,1,1-Trichloroethane | ND | 1.0 | 0.5 |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.5 | Trichloroethene | ND | 1.0 | 0.5 |
| Trichlorofluoromethane | ND | 1.0 | 0.5 | 1,2,3-Trichloropropane | ND | 1.0 | 0.5 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.5 | 1,3,5-Trimethylbenzene | ND | 1.0 | 0.5 |
| Vinyl Chloride | ND | 1.0 | 0.5 | Xylenes | ND | 1.0 | 0.5 |

**Surrogate Recoveries (%)**

| | | | |
|---|---|---|---|
| %SS1: | 101 | %SS2: | 81 |
| %SS3: | 101 | | |

Comments:

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

ND means not detected above the reporting limit; 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; q) reported in ppm.

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

| | | |
|---|---|---|
| Ceres Associates | Client Project ID: CA 1264; Qtrly Tomorrow | Date Sampled: 04/30/07 |
| 424 First Street | | Date Received: 04/30/07 |
| Benicia, CA 94510 | Client Contact: Ryan Meyer | Date Extracted: 05/03/07-05/04/07 |
| | Client P.O.: | Date Analyzed 05/03/07-05/04/07 |

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

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0704630

| Lab ID | Client ID | Matrix | TPH(g) | MTBE | Benzene | Toluene | Ethylbenzene | Xylenes | DF | % SS |
|---|---|---|---|---|---|---|---|---|---|---|
| 001A | MW-1 | W | ND | ND | ND | ND | ND | ND | 1 | 103 |
| 002A | MW-2 | W | ND | ND | ND | ND | ND | ND | 1 | 102 |
| 003A | MW-3 | W | ND | ND | ND | ND | ND | ND | 1 | 106 |
| 004A | MW-4 | W | ND | ND | ND | ND | ND | ND | 1 | 92 |
| 005A | MW-5 | W | ND | ND | ND | ND | ND | ND | 1 | 104 |
| 006A | EX-1 | W | 1000,b,m | ND | ND | ND | 1.7 | 2.4 | 1 | 97 |
| | | | | | | | | | | |
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|---|---|---|---|---|---|---|---|---|---|
| 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 McCampbell 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.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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| | | |
|---|---|---|
| Ceres Associates | Client Project ID: CA 1264; Qtrly Tomorrow | Date Sampled: 04/30/07 |
| 424 First Street | | Date Received: 04/30/07 |
| Benicia, CA 94510 | Client Contact: Ryan Meyer | Date Extracted: 04/30/07 |
| | Client P.O.: | Date Analyzed 05/02/07 |

**Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil***

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0704630

| Lab ID | Client ID | Matrix | TPH(d) | TPH(mo) | DF | % SS |
|---|---|---|---|---|---|---|
| 0704630-001B | MW-1 | W | ND | ND | 1 | 83 |
| 0704630-002B | MW-2 | W | 60,b | ND | 1 | 82 |
| 0704630-003B | MW-3 | W | ND | ND | 1 | 74 |
| 0704630-004B | MW-4 | W | ND | ND | 1 | 75 |
| 0704630-005B | MW-5 | W | ND | ND | 1 | 79 |
| 0704630-006B | EX-1 | W | 740,d | ND<2500 | 10 | 87 |
| | | | | | | |
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|---|---|---|---|---|
| Reporting Limit for DF =1; ND means not detected at or above the reporting limit | W | 50 | 250 | µg/L |
| | S | NA | NA | 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 McCampbell 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 range (?); no recognizable pattern; m) fuel oil; n) stoddard solvent/mineral spirits; p) see attached narrative.

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# QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0704630

| EPA Method SW8260B | Extraction SW5030B | | | | BatchID: 27763 | | | | Spiked Sample ID: 0704630-001C | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 93.1 | 95.1 | 2.13 | 95.9 | 96.6 | 0.759 | 70 - 130 | 30 | 70 - 130 | 30 |
| Benzene | ND | 10 | 98.8 | 98.1 | 0.769 | 96.4 | 96.7 | 0.350 | 70 - 130 | 30 | 70 - 130 | 30 |
| t-Butyl alcohol (TBA) | ND | 50 | 90.4 | 93.8 | 3.66 | 88.2 | 88.2 | 0 | 70 - 130 | 30 | 70 - 130 | 30 |
| Chlorobenzene | ND | 10 | 96 | 97.5 | 1.58 | 95.3 | 95.3 | 0 | 70 - 130 | 30 | 70 - 130 | 30 |
| 1,2-Dibromoethane (EDB) | ND | 10 | 82.5 | 83.2 | 0.760 | 85.9 | 87.2 | 1.49 | 70 - 130 | 30 | 70 - 130 | 30 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 10 | 110 | 113 | 1.99 | 117 | 113 | 2.94 | 70 - 130 | 30 | 70 - 130 | 30 |
| 1,1-Dichloroethene | ND | 10 | 70.8 | 71.2 | 0.594 | 78.9 | 74 | 6.32 | 70 - 130 | 30 | 70 - 130 | 30 |
| Diisopropyl ether (DIPE) | ND | 10 | 112 | 111 | 0.773 | 112 | 111 | 0.392 | 70 - 130 | 30 | 70 - 130 | 30 |
| Ethyl tert-butyl ether (ETBE) | ND | 10 | 102 | 102 | 0 | 104 | 105 | 0.896 | 70 - 130 | 30 | 70 - 130 | 30 |
| Methyl-t-butyl ether (MTBE) | ND | 10 | 97.8 | 99.5 | 1.78 | 105 | 103 | 1.92 | 70 - 130 | 30 | 70 - 130 | 30 |
| Toluene | ND | 10 | 82.6 | 82.5 | 0.143 | 85.7 | 85.3 | 0.564 | 70 - 130 | 30 | 70 - 130 | 30 |
| Trichloroethene | ND | 10 | 75.3 | 74.7 | 0.784 | 75 | 73 | 2.66 | 70 - 130 | 30 | 70 - 130 | 30 |
| %SS1: | 97 | 10 | 90 | 89 | 0.836 | 97 | 94 | 3.46 | 70 - 130 | 30 | 70 - 130 | 30 |
| %SS2: | 92 | 10 | 96 | 95 | 0.738 | 102 | 102 | 0 | 70 - 130 | 30 | 70 - 130 | 30 |
| %SS3: | 108 | 10 | 121 | 122 | 0.207 | 122 | 121 | 0.948 | 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 27763 SUMMARY

| Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample ID | Date Sampled | Date Extracted | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 0704630-001C | 04/30/07 | 05/01/07 | 05/01/07 5:17 PM | | | | |

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

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

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

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

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

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# QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0704630

| EPA Method SW8021B/8015Cm | Extraction SW5030B | | | | BatchID: 27772 | | | | Spiked Sample ID: 0704631-003A | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 92 | 91 | 1.18 | 100 | 91.4 | 9.28 | 70 - 130 | 30 | 70 - 130 | 30 |
| MTBE | ND | 10 | 94.7 | 94.4 | 0.315 | 115 | 110 | 4.74 | 70 - 130 | 30 | 70 - 130 | 30 |
| Benzene | ND | 10 | 95.7 | 93.9 | 1.90 | 107 | 109 | 1.90 | 70 - 130 | 30 | 70 - 130 | 30 |
| Toluene | ND | 10 | 97.1 | 95.2 | 1.99 | 98.2 | 99.8 | 1.53 | 70 - 130 | 30 | 70 - 130 | 30 |
| Ethylbenzene | ND | 10 | 95.5 | 93.3 | 2.40 | 108 | 108 | 0 | 70 - 130 | 30 | 70 - 130 | 30 |
| Xylenes | ND | 30 | 86.3 | 86 | 0.387 | 107 | 107 | 0 | 70 - 130 | 30 | 70 - 130 | 30 |
| %SS: | 101 | 10 | 109 | 107 | 1.97 | 97 | 100 | 3.02 | 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 27772 SUMMARY

| Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample ID | Date Sampled | Date Extracted | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 0704630-001A | 04/30/07 | 05/03/07 | 05/03/07 6:46 AM | 0704630-002A | 04/30/07 | 05/04/07 | 05/04/07 1:50 AM |
| 0704630-003A | 04/30/07 | 05/03/07 | 05/03/07 8:13 AM | 0704630-004A | 04/30/07 | 05/03/07 | 05/03/07 8:42 AM |
| 0704630-005A | 04/30/07 | 05/04/07 | 05/04/07 8:17 AM | 0704630-006A | 04/30/07 | 05/04/07 | 05/04/07 7:47 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.

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

# cluttered chromatogram; sample peak coelutes with surrogate peak.

DHS ELAP Certification N° 1644

QA/QC Officer

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# QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0704630

| EPA Method SW8260B | Extraction SW5030B | BatchID: 27774 | Spiked Sample ID: 0704630-004C |
|---|---|---|---|

| 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 | 96.9 | 98.6 | 1.77 | 108 | 104 | 3.32 | 70 - 130 | 30 | 70 - 130 | 30 |
| Benzene | ND | 10 | 103 | 96.6 | 5.93 | 107 | 106 | 1.36 | 70 - 130 | 30 | 70 - 130 | 30 |
| t-Butyl alcohol (TBA) | ND | 50 | 91.7 | 86.9 | 5.43 | 88.7 | 93.9 | 5.73 | 70 - 130 | 30 | 70 - 130 | 30 |
| Chlorobenzene | ND | 10 | 94.1 | 93.1 | 1.06 | 103 | 99.4 | 3.95 | 70 - 130 | 30 | 70 - 130 | 30 |
| 1,2-Dibromoethane (EDB) | ND | 10 | 81.8 | 85.2 | 4.16 | 94.6 | 90.1 | 4.84 | 70 - 130 | 30 | 70 - 130 | 30 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 10 | 117 | 117 | 0 | 128 | 122 | 4.56 | 70 - 130 | 30 | 70 - 130 | 30 |
| 1,1-Dichloroethene | ND | 10 | 82.7 | 84.6 | 2.28 | 88.1 | 89.4 | 1.40 | 70 - 130 | 30 | 70 - 130 | 30 |
| Diisopropyl ether (DIPE) | ND | 10 | 117 | 113 | 3.80 | 124 | 123 | 1.50 | 70 - 130 | 30 | 70 - 130 | 30 |
| Ethyl tert-butyl ether (ETBE) | ND | 10 | 107 | 106 | 0.741 | 117 | 114 | 2.54 | 70 - 130 | 30 | 70 - 130 | 30 |
| Methyl-t-butyl ether (MTBE) | ND | 10 | 105 | 108 | 2.69 | 118 | 112 | 4.67 | 70 - 130 | 30 | 70 - 130 | 30 |
| Toluene | ND | 10 | 86 | 84.6 | 1.66 | 94.5 | 89.1 | 5.80 | 70 - 130 | 30 | 70 - 130 | 30 |
| Trichloroethene | ND | 10 | 79.4 | 74.9 | 5.79 | 83.4 | 81.8 | 1.89 | 70 - 130 | 30 | 70 - 130 | 30 |
| %SS1: | 97 | 10 | 101 | 98 | 3.20 | 96 | 98 | 1.45 | 70 - 130 | 30 | 70 - 130 | 30 |
| %SS2: | 93 | 10 | 101 | 101 | 0 | 102 | 103 | 0.619 | 70 - 130 | 30 | 70 - 130 | 30 |
| %SS3: | 108 | 10 | 125 | 122 | 2.53 | 119 | 121 | 2.00 | 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 27774 SUMMARY

| Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample ID | Date Sampled | Date Extracted | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 0704630-002C | 04/30/07 | 05/01/07 | 05/01/07 6:19 PM | 0704630-003C | 04/30/07 | 05/01/07 | 05/01/07 7:03 PM |
| 0704630-004C | 04/30/07 | 05/01/07 | 05/01/07 7:47 PM | 0704630-005C | 04/30/07 | 05/01/07 | 05/01/07 8:31 PM |
| 0704630-006C | 04/30/07 | 05/02/07 | 05/02/07 2:17 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 N° 1644

QA/QC Officer

**McCampbell Analytical, Inc.**
"When Quality Counts"

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

# QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0704630

| EPA Method SW8015C | Extraction SW3510C | BatchID: 27777 | 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 | 95.4 | 106 | 10.4 | N/A | N/A | 70 - 130 | 30 |
| %SS: | N/A | 2500 | N/A | N/A | N/A | 88 | 104 | 16.9 | 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 27777 SUMMARY

| Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample ID | Date Sampled | Date Extracted | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 0704630-001B | 04/30/07 | 04/30/07 | 05/02/07 10:39 AM | 0704630-002B | 04/30/07 | 04/30/07 | 05/02/07 11:46 AM |
| 0704630-003B | 04/30/07 | 04/30/07 | 05/02/07 12:53 PM | 0704630-004B | 04/30/07 | 04/30/07 | 05/02/07 1:59 PM |
| 0704630-005B | 04/30/07 | 04/30/07 | 05/02/07 5:20 PM | 0704630-006B | 04/30/07 | 04/30/07 | 05/02/07 6:27 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 N° 1644

QA/QC Officer

# Monitoring Well Data Sheets

Ceres Associates

ID#: EX-1

| Quarter | Date 4/30/07 | Sampler MK |
|---|---|---|

| Well Details | Sampling Details |
|---|---|
| Depth to Water (initial) 4.2 ft | Start Time |
| Well Diameter | Stop Time |
| Well Depth | Pump Rate |
| Screened Interval 8' | Notes |
| Pumping Point | |
| | Analysis |

**Water Quality Data**

| Time | Depth | Temp (C) | Cond (mS/cm) | DO (mg/L) | pH (units) | ORP | Turb |
|---|---|---|---|---|---|---|---|
| 0 | 4.23 | 18.11 | 0.65 | 3.52 | 6.88 | -113 | 146 |
| 5 | 4.51 | 17.25 | .657 | .31 | 6.70 | -143 | 93.7 |
| 6 | 4.54 | 17.22 | .658 | .22 | 6.70 | -145 | 95.1 |
| 7 | 4.58 | 17.25 | .658 | .26 | 6.70 | -148 | 87.1 |
| 8 | 4.63 | 17.19 | .659 | .23 | 6.70 | -150 | 72.5 |
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Notes:

Strong petrol odor

Ceres Associates

**ID#:** MW-5

| **Quarter** | **Date** 04/30/07 | **Sampler** WK |
|---|---|---|

| **Well Details** | **Sampling Details** |
|---|---|
| Depth to Water (initial) 3.2 ft | Start Time |
| Well Diameter | Stop Time |
| Well Depth 8' | Pump Rate |
| Screened Interval | Notes |
| Pumping Point | |
| | Analysis |

**Water Quality Data**

| Time | Depth | Temp (C) | Cond (mS/cm) | DO (mg/L) | pH (units) | ORP | Turb |
|---|---|---|---|---|---|---|---|
| 0 | 3.80 | 16.19 | .803 | 2.79 | 668 | 44 | 146 |
| 5 | 4.10 | 16.17 | .803 | 0.92 | 6.52 | 51 | 138 |
| 6 | 4.14 | 16.15 | .803 | 0.70 | 6.50 | 54 | 116 |
| 7 | 4.20 | 16.15 | .803 | 0.65 | 6.50 | 56 | 114 |
| 8 | 4.25 | 16.11 | .803 | .60 | 6.45 | 57 | 110 |
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Notes:

WL 8.60

3006

Ceres Associates

**ID#:** MW-4

| **Quarter** | **Date** 04/30/07 | **Sampler** WK |
|---|---|---|

| **Well Details** | **Sampling Details** |
|---|---|
| Depth to Water (initial) 4.50 ft | Start Time |
| Well Diameter | Stop Time |
| Well Depth | Pump Rate |
| Screened Interval | Notes |
| Pumping Point | |
| | Analysis |

**Water Quality Data**

| Time | Depth | Temp (C) | Cond (mS/cm) | DO (mg/L) | pH (units) | ORP | Turb |
|---|---|---|---|---|---|---|---|
| 0 | 4.20 | 17.3 | .901 | 1.15 | 7.46 | 174 | 103 |
| 5 | 4.80 | 17.7 | .90 | .24 | 6.62 | 177 | ~~43~~ 41.8 |
| 6 | 4.80 | 17.67 | .90 | .23 | 6.58 | 177 | ~~34~~ 34.6 |
| 7 | 4.80 | 17.73 | .90 | .23 | ~~6~~ 6.57 | 175 | 33.9 |
| 8 | | | | | | | |
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Notes: water ~ 2" over PVC

Ceres Associates

**ID#:** MW-3

| Quarter | **Date** 04/30/07 | **Sampler** WK |
|---|---|---|

| **Well Details** | | **Sampling Details** | |
|---|---|---|---|
| Depth to Water (initial) | 4.22 | Start Time | |
| Well Diameter | | Stop Time | |
| Well Depth | [illegible] | Pump Rate | |
| Screened Interval | | Notes | |
| Pumping Point | 8' | | |
| | | Analysis | |

**Water Quality Data**

| Time | Depth | Temp (C) | Cond (mS/cm) | DO (mg/L) | pH (units) | ORP | Turb |
|---|---|---|---|---|---|---|---|
| 0 | 4.23 | 14.16 | 1.21 | 2.25 | 6.89 | 204 | 100 |
| 5 | 4.23 | 18.14 | 1.22 | 1.75 | 6.70 | 215 | 70.8 |
| 6 | 4.23 | 18.21 | 1.22 | 1.70 | 6.70 | 217 | 64.0 |
| 7 | 4.23 | 18.21 | 1.21 | 1.63 | 6.70 | 218 | 58.2 |
| 8 | | | | | | | |
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Notes:

rainwater ~ 1 inch above well pipe top

Ceres Associates

ID#: MW-2

| Quarter | Date 4/30/07 | Sampler MK |
|---|---|---|

| Well Details | Sampling Details |
|---|---|
| Depth to Water (initial) 4.53 | Start Time |
| Well Diameter | Stop Time |
| Well Depth | Pump Rate |
| Screened Interval 5 1/2 | Notes |
| Pumping Point | |
| | Analysis |

**Water Quality Data**

| Time | Depth | Temp (C) | Cond (mS/cm) | DO (mg/L) | pH (units) | ORP | Turb |
|---|---|---|---|---|---|---|---|
| 0 | 5.11 | 18.75 | .167 | 5.75 | 7.11 | 236 | 216 |
| 5 | 6.11 | 17.9 | .152 | 5.60 | 9.28 | 213 | 2000 |
| 6 | 6.38 | 18.0 | .151 | 5.74 | 9.31 | 210 | 1242 |
| 7 | | | | | | | |
| 8 | | | | | | | |
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Notes:

Why thin layer of water in well: difficult to keep water column in pump.

Amount of water

Pump ran dry - after 2 VOAs; returned to fill remaining glassware @ end of day

Ceres Associates

ID#: MW-1

| Quarter | Date 4/30/07 | Sampler |
|---|---|---|

| Well Details | Sampling Details |
|---|---|
| Depth to Water (initial) 4.04 ft | Start Time |
| Well Diameter | Stop Time |
| Well Depth | Pump Rate |
| Screened Interval | Notes |
| Pumping Point 5' | Analysis |

**Water Quality Data**

| Time | Depth | Temp (C) | Cond (mS/cm) | DO (mg/L) | pH (units) | ORP | Turb |
|---|---|---|---|---|---|---|---|
| 0 | 4.26 | | | | | | |
| 5 | 4.42 | 19.56 | .798 | .45 | 11.0 | 32 | 47.1 |
| 6 | 4.47 | 19.56 | .755 | .41 | 10.95 | 30 | 41.5 |
| 7 | 4.48 | 19.60 | .726 | .37 | 10.92 | 29 | 33.1 |
| 8 | 4.49 | 19.65 | .712 | .34 | 10.88 | 26 | 36.2 |
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Notes: