

## Khatri, Paresh, Env. Health

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**From:** Mehrdad Javaher [mehrdad@endpoint-inc.com]  
**Sent:** Wednesday, November 04, 2009 3:12 PM  
**To:** Khatri, Paresh, Env. Health  
**Cc:** Chan, Barney, Env. Health; TianaCJenkins@aol.com  
**Subject:** 2960 Castro Valley Blvd., Castro Valley, CA  
**Attachments:** Alameda County Health letter 10-21-09.pdf; Laboratory Analytical Results-Castro Valley.pdf

Hi Paresh (and Barney)-

Please find attached a letter from Barney Chan of the ACDEH, on which you were cc'd, regarding the status of a five-gallon container of investigation-derived soils from our recent soil vapor (6 shallow probes) and grab groundwater (one soil boring) investigation at the subject site, the results of which were recently submitted to you. The letter refers to the status of the 5-gallon container, as it has since been removed from the site.

In response to Barney's inquiry, please also find attached laboratory analytical results which confirm that the soils in the container were non-hazardous (see sample results for Sample ID CompS1 on Pages 4 and 10 of the attached lab reports) . Accordingly, we have contracted Asbury Environmental, whom has since removed the container from the site.

Please let me know if you or Barney need any additional information.

Thank you both.

Regards,  
Mehrdad

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

October 21, 2009

Mr. Gabriel Chiu  
10898 Inspiration Court  
Dublin, CA 94568

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

Facility: Adobe Shopping Center, 2960 Castro Valley Blvd., Castro Valley, CA 94546

Dear Mr. Chiu:

**NOTICE TO COMPLY**

On October 16, 2009, the referenced property, received a regulatory inspection by Alameda County Department of Environmental Health (ACDEH). At that time, a plastic five (5) gallon container of unknown contents was observed on the property outside the western dumpster area. The inspector sampled the contents and determined that the content was likely a solvent based stain or preservative and therefore, a hazardous waste. The container was placed inside the dumpster area and Ms. Tiana Jenkins, your property manager, was contacted. She was informed that this container should be properly disposed and its disposal documented. The container was observed to be gone from the dumpster area on October 19, 2009. In addition, another 5 gallon plastic container was found inside the same dumpster area. The container was labeled "Cairox, Potassium Permanganate" on the side and "HOLD-DO NOT PUT IN DUMPSTER 10-9-09 2966 Castro Valley Blvd. ENDPOINT CONSULTING Soil - GW-1 415 7068935" on the top. It appears this container may contain material from an investigation in this same general area of the storm drain and dumpster. Please be aware that this container is improperly labeled and could be mistaken as hazardous waste. You, as the property owner, are responsible for the characterization and disposal of the drums and contents. The following violation requires your immediate attention.

1. Title 22 CCR 66262.11, requires a person who generates waste to determine if a waste is hazardous waste and to then handle it appropriately.

Corrective Action: The contents of the containers must be determined, the containers must be properly labeled and if hazardous waste, the container(s) must be disposed of properly. Please provide our office documentation as to the contents and disposition of the containers within 30 days of this letter.

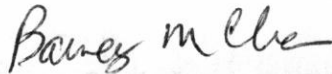
Currently, our records indicate that you have not demonstrated to us that the required corrective action has been satisfactorily completed. Be advised that failure to complete the listed corrective action and/or submit evidence of such to ACDEH may result in a re-inspection of your facility or potential enforcement.

Mr. Gabriel Chiu  
Re: Adobe Shopping Center, Castro Valley  
October 20, 2009  
Page 2 of 2

You must provide appropriate evidence documenting that the noted corrections have been completed **within 30 calendar days of the date of this letter**. This information should be sent to the undersigned.

If you have already provided the requested evidence or have additional questions regarding your inspection or compliance requirement, please contact me at 510-567-6765.

Sincerely,



Barney M. Chan  
Sr. Hazardous Materials Specialist

cc: files

S. Hugo, ACDEH, Manager  
Ms. Tiana Jenkins, Marquis Properties, 12988 Hawkins Dr., San Ramon, CA 94583  
P. Khatri, ACDEH, HMS  
S. Seery, B. Chan, Sr. HMS



**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

|   |                                      |                          |
|---|--------------------------------------|--------------------------|
| Endpoint<br><br>98 Battery Street, Suite 200<br><br>San Francisco, CA 94111 | Client Project ID: 2960 Casro Valley | Date Sampled: 10/05/09   |
|   |                                      | Date Received: 10/05/09  |
|   | Client Contact: Mehrdad Javaher      | Date Reported: 10/09/09  |
|   | Client P.O.:                         | Date Completed: 10/09/09 |

**WorkOrder: 0910092**

October 09, 2009

Dear Mehrdad:

Enclosed within are:

- 1) The results of the **1** analyzed sample from your project: **2960 Casro Valley**,
- 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.



0910092

**McCAMPBELL ANALYTICAL, INC.**

1534 WILLOW PASS ROAD  
PITTSBURG, CA 94565-1701

Website: [www.mccampbell.com](http://www.mccampbell.com) Email: [main@mccampbell.com](mailto: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)

Report To: *Mehrdad Javaherian* Bill To: *Endpoint*  
 Company: *Endpoint*  
*98 Battery St. # 200*  
*San Francisco CA* E-Mail: *m.javaherian@irm-consulting.com*  
 Tele: *(510) 5935382* Fax: ( )  
 Project #: Project Name: *2960 Castro Valley*  
 Project Location: *2960 Castro Valley Blvd, Castro Valley*  
 Sampler Signature: *Jad*

| Analysis Request                             |                                   |                                  |  |                                      |                                       |                                      |   |                                |                                       | Other   | Comments                       |                                   |   |   |   |                          |  |
|--|-----------------------------------|----------------------------------|--|--------------------------------------|---------------------------------------|--------------------------------------|---|--------------------------------|---------------------------------------|---|--------------------------------|-----------------------------------|---|---|---|--------------------------|--|
| MTBE / BTEX & TPH as Gas (602 / 8021 + 8015) | MTBE / BTEX ONLY (EPA 602 / 8021) | TPH as Diesel / Motor Oil (8015) | Total Petroleum Oil & Grease (1664 / 5520 E/R&F) | Total Petroleum Hydrocarbons (418.1) | EPA 502.2 / 601 (801B / 8021 (BVOCs)) | EPA 505 / 608 / 8081 (CI Pesticides) | EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners | EPA 507 / 8141 (NP Pesticides) | EPA 515 / 8151 (Acidic CI Herbicides) | EPA 524.2 / 62 (8026 (VOCs)) <i>8010 List</i> | EPA 525.2 / 625 / 8270 (SVOCs) | EPA 8270 SIM / 8310 (PAHs / PNAS) | CAM 17 Metals (200.7 / 206.8 / 6010 / 6020) | LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020) | Lead (200.7 / 200.8 / 6010 / 6020) <i>16/19 6 day</i> | <i>7015 800 800 List</i> | Filter Samples for Metals analysis: Yes / No |

X30

| SAMPLE ID | LOCATION/<br>Field Point<br>Name | SAMPLING |        | # Containers | Type Containers | MATRIX |      |     |        |       | METHOD PRESERVED |     |                  |       |  |   |   |
|-----------|----------------------------------|----------|--------|--------------|-----------------|--------|------|-----|--------|-------|------------------|-----|------------------|-------|--|---|---|
|           |                                  | Date     | Time   |              |                 | Water  | Soil | Air | Sludge | Other | ICE              | HCL | HNO <sub>3</sub> | Other |  |   |   |
| GW-1      |                                  | 10-5-09  | 1240PM | 3            | 100             | X      |      |     |        |       | X                | X   |                  |       |  |   |   |
| SS-1      |                                  |          | 1020AM | 1            | 5in.            |        |      | X   |        |       |                  |     |                  |       |  |   | X |
| SS-2      |                                  |          | 956AM  |              |                 |        |      | X   |        |       |                  |     |                  |       |  |   | X |
| SV 1      |                                  |          | 1146AM |              |                 |        |      | X   |        |       |                  |     |                  |       |  |   | X |
| SV 3      |                                  |          | 1049AM |              |                 |        |      | X   |        |       |                  |     |                  |       |  |   | X |
| SV 4      |                                  |          | 1258PM |              |                 |        |      | X   |        |       |                  |     |                  |       |  |   | X |
| Comp 1    |                                  |          | 1229PM | 1            | L               | X      |      |     |        | X     |                  |     |                  |       |  | X |   |

Relinquished By: *Jad* Date: *10-5-09* Time: *2:32PM* Received By: *Enviro-Tech SR*  
 Relinquished By: *GW DO CONSULTING* Date: *10/5* Time: *15:31* Received By: *Dark Lab*  
 Relinquished By: *Dark Lab* Date: *10/5* Time: Received By: *Dark Lab*

ICE/T: *1.4* COMMENTS:  
 GOOD CONDITION \_\_\_\_\_  
 HEAD SPACE ABSENT \_\_\_\_\_  
 DECHLORINATED IN LAB \_\_\_\_\_  
 APPROPRIATE CONTAINERS \_\_\_\_\_  
 PRESERVED IN LAB \_\_\_\_\_  
 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: 091009 **A**

ClientCode: EPB

WaterTrax   
  WriteOn   
  EDF   
  Excel   
  Fax   
  Email   
  HardCopy   
  ThirdParty   
  J-flag

Report to:  
 Mehrdad Javaher  
 Endpoint  
 98 Battery Street, Suite 200  
 San Francisco, CA 94111  
 415-706-8935    FAX

Email: mehrdad@endpoint-inc.com  
 cc:  
 PO:  
 ProjectNo: 2960 Casro Valley

Bill to:  
 Accounts Payable  
 Endpoint  
 98 Battery Street, Suite 200  
 San Francisco, CA 94111  
 cage2usa@aol.com

Requested TAT: **5 days**  
*Date Received:* **10/05/2009**  
*Date Add-On:* **10/06/2009**  
*Date Printed:* **10/06/2009**

| 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 |  |  |
| 0910092-007 | CompS1    | Soil   | 10/5/2009 12:29 | <input type="checkbox"/> | A                                  |   |   |   |   |   |   |   |   |    |    |    |  |  |

**Test Legend:**

|    |        |    |  |   |  |   |  |    |  |
|----|--------|----|--|---|--|---|--|----|--|
| 1  | PBMS_S | 2  |  | 3 |  | 4 |  | 5  |  |
| 6  |        | 7  |  | 8 |  | 9 |  | 10 |  |
| 11 |        | 12 |  |   |  |   |  |    |  |

**Prepared by: Ana Venegas**

**Comments:** 007 added for TTLC Pb 10/6/09 5d per email

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.





**QC SUMMARY REPORT FOR 6020A**

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0910092

| EPA Method 6020A |        | Extraction SW3050B |        |        |        |        | BatchID: 46260 |        |          | Spiked Sample ID: 0910092-007A |     |          |     |
|------------------|--------|--------------------|--------|--------|--------|--------|----------------|--------|----------|--------------------------------|-----|----------|-----|
| 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 |
| Lead             | 54     | 50                 | NR     | NR     | NR     | 10     | 99.8           | 107    | 7.09     | 75 - 125                       | 20  | 75 - 125 | 20  |
| %SS:             | 104    | 250                | 84     | 86     | 2.41   | 250    | 111            | 118    | 6.64     | 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 46260 SUMMARY

| Lab ID       | Date Sampled      | Date Extracted | Date Analyzed    | Lab ID | Date Sampled | Date Extracted | Date Analyzed |
|--------------|-------------------|----------------|------------------|--------|--------------|----------------|---------------|
| 0910092-007A | 10/05/09 12:29 PM | 10/06/09       | 10/07/09 5:56 PM |        |              |                |               |

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.  
 % Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).  
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.  
 N/A = not applicable to this method.  
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.





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|   |                                      |                          |
|---|--------------------------------------|--------------------------|
| Endpoint<br>98 Battery Street, Suite 200<br>San Francisco, CA 94111 | Client Project ID: 2960 Casro Valley | Date Sampled: 10/05/09   |
|   |                                      | Date Received: 10/05/09  |
|   | Client Contact: Mehrdad Javaher      | Date Reported: 10/09/09  |
|   | Client P.O.:                         | Date Completed: 10/09/09 |

**WorkOrder: 0910092**

October 09, 2009

Dear Mehrdad:

Enclosed within are:

- 1) The results of the **7** analyzed samples from your project: **2960 Casro Valley**,
- 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.

0910092

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)

Report To: *Mehrdad Javehanan* Bill To: *Endpoint*  
Company: *Endpoint*  
*98 Battery St. # 200*  
*San Francisco CA* E-Mail: *m.javehanan@irm-*  
Tele: *(510) 5935382* Fax: ( ) *consolting.com*  
Project #: Project Name: *2960 Castro Valley*  
Project Location: *2960 Castro Valley Blvd. Castro Valley*  
Sampler Signature: *Jael M*

Analysis Request

Other

Comments

| SAMPLE ID          | LOCATION<br>Field Point<br>Name | SAMPLING       |               | # Containers | Type Containers | MATRIX   |      |          |        |          | METHOD PRESERVED |          |                  |       | MIBE / BTEX & TPH as Gas (602 / 8021 + 8015) | MIBE / BTEX ONLY (EPA 602 / 8021) | TPH as Diesel / Motor Oil (8015) | Total Petroleum Oil & Grease (1664 / 8520 E/B&F) | Total Petroleum Hydrocarbons (418.1) | EPA 502.2 / 601 / 8010 / 8021 (HVOCs) | EPA 505 / 608 / 8081 (CI Pesticides) | EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners | EPA 507 / 8141 (NP Pesticides) | EPA 515 / 8151 (Acidic CI Herbicides) | EPA 524.2 / 62 / 8260 (VOCs) <i>8010 List</i> | 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) | 7015 <del>800</del> 800 List | Filter Samples for Metals analysis: Yes / No |  |  |  |  |  |
|--------------------|---------------------------------|----------------|---------------|--------------|-----------------|----------|------|----------|--------|----------|------------------|----------|------------------|-------|--|-----------------------------------|----------------------------------|--|--------------------------------------|---------------------------------------|--------------------------------------|---|--------------------------------|---------------------------------------|---|--------------------------------|-----------------------------------|---|---|------------------------------------|------------------------------|--|--|--|--|--|--|
|                    |                                 | Date           | Time          |              |                 | Water    | Soil | Air      | Sludge | Other    | ICE              | HCL      | HNO <sub>3</sub> | Other |  |                                   |                                  |  |                                      |                                       |                                      |   |                                |                                       |   |                                |                                   |   |   |                                    |                              |  |  |  |  |  |  |
| <i>X30</i><br>GW-1 |                                 | <i>10-5-09</i> | <i>1240AM</i> | <i>3</i>     | <i>100</i>      | <i>X</i> |      |          |        |          | <i>X</i>         | <i>X</i> |                  |       |  |                                   |                                  |  |                                      |                                       |                                      |   |                                |                                       |   |                                |                                   |   |   |                                    |                              |  |  |  |  |  |  |
| SS-1               |                                 |                | <i>1020AM</i> | <i>1</i>     | <i>5m</i>       |          |      | <i>X</i> |        |          |                  |          |                  |       |  |                                   |                                  |  |                                      |                                       |                                      |   |                                |                                       |   |                                |                                   |   |   |                                    |                              |  |  |  |  |  |  |
| SS-2               |                                 |                | <i>956AM</i>  |              |                 |          |      | <i>X</i> |        |          |                  |          |                  |       |  |                                   |                                  |  |                                      |                                       |                                      |   |                                |                                       |   |                                |                                   |   |   |                                    |                              |  |  |  |  |  |  |
| SV 1               |                                 |                | <i>1176AM</i> |              |                 |          |      | <i>X</i> |        |          |                  |          |                  |       |  |                                   |                                  |  |                                      |                                       |                                      |   |                                |                                       |   |                                |                                   |   |   |                                    |                              |  |  |  |  |  |  |
| SV 3               |                                 |                | <i>1049AM</i> |              |                 |          |      | <i>X</i> |        |          |                  |          |                  |       |  |                                   |                                  |  |                                      |                                       |                                      |   |                                |                                       |   |                                |                                   |   |   |                                    |                              |  |  |  |  |  |  |
| SV 4               |                                 |                | <i>1258PM</i> |              |                 |          |      | <i>X</i> |        |          |                  |          |                  |       |  |                                   |                                  |  |                                      |                                       |                                      |   |                                |                                       |   |                                |                                   |   |   |                                    |                              |  |  |  |  |  |  |
| Comp SI            |                                 |                | <i>1229PM</i> | <i>1</i>     | <i>L</i>        | <i>X</i> |      |          |        | <i>X</i> |                  |          |                  |       |  |                                   |                                  | <i>X</i>   |                                      |                                       |                                      |   |                                |                                       |   |                                |                                   |   |   |                                    |                              |  |  |  |  |  |  |

Relinquished By: *Jael M* Date: *10-5-09* Time: *2:37PM* Received By: *Enviro-Tech SR*

Relinquished By: *Enviro-Tech Services* Date: *10/5* Time: *15:31* Received By: *Dark Lab*

Relinquished By: *Dark Lab* Date: *10/5* Time: Received By: *Dark Lab*

ICE/P *1.0* COMMENTS:

GOOD CONDITION \_\_\_\_\_  
 HEAD SPACE ABSENT \_\_\_\_\_  
 DECHLORINATED IN LAB \_\_\_\_\_  
 APPROPRIATE CONTAINERS \_\_\_\_\_  
 PRESERVED IN LAB \_\_\_\_\_

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: 0910092

ClientCode: EPB

WaterTrax   
  WriteOn   
  EDF   
  Excel   
  Fax   
  Email   
  HardCopy   
  ThirdParty   
  J-flag

**Report to:**

Mehrdad Javaher  
Endpoint  
98 Battery Street, Suite 200  
San Francisco, CA 94111  
415-706-8935    FAX

Email: mehrdad@endpoint-inc.com  
cc:  
PO:  
ProjectNo: 2960 Casro Valley

**Bill to:**

Accounts Payable  
Endpoint  
98 Battery Street, Suite 200  
San Francisco, CA 94111  
cage2usa@aol.com

**Requested TAT: 5 days**

**Date Received: 10/05/2009**

**Date Printed: 10/05/2009**

| 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 |  |
| 0910092-001 | GW-1      | Water      | 10/5/2009 12:40 | <input type="checkbox"/> |                                    | A | A |   |   |   |   |   |   |    |    |    |  |
| 0910092-002 | SS-1      | Soil Vapor | 10/5/2009 10:20 | <input type="checkbox"/> |                                    |   |   | A |   |   |   |   |   |    |    |    |  |
| 0910092-003 | SS-2      | Soil Vapor | 10/5/2009 9:56  | <input type="checkbox"/> |                                    |   |   | A |   |   |   |   |   |    |    |    |  |
| 0910092-004 | SV1       | Soil Vapor | 10/5/2009 11:16 | <input type="checkbox"/> |                                    |   |   | A |   |   |   |   |   |    |    |    |  |
| 0910092-005 | SV3       | Soil Vapor | 10/5/2009 10:49 | <input type="checkbox"/> |                                    |   |   | A |   |   |   |   |   |    |    |    |  |
| 0910092-006 | SV4       | Soil Vapor | 10/5/2009 12:38 | <input type="checkbox"/> |                                    |   |   | A |   |   |   |   |   |    |    |    |  |
| 0910092-007 | CompS1    | Soil       | 10/5/2009 12:29 | <input type="checkbox"/> | A                                  |   |   |   |   |   |   |   |   |    |    |    |  |

**Test Legend:**

|    |           |    |           |   |             |   |                       |    |  |
|----|-----------|----|-----------|---|-------------|---|-----------------------|----|--|
| 1  | 8010BMS_S | 2  | 8010BMS_W | 3 | PREF REPORT | 4 | TO15-8010_SOIL(UG/M3) | 5  |  |
| 6  |           | 7  |           | 8 |             | 9 |                       | 10 |  |
| 11 |           | 12 |           |   |             |   |                       |    |  |

The following SampIDs: 002A, 003A, 004A, 005A, 006A contain testgroup.

**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: **Endpoint** Date and Time Received: **10/5/2009 5:15:07 PM**  
 Project Name: **2960 Casro Valley** Checklist completed and reviewed by: **Ana Venegas**  
 WorkOrder N°: **0910092** Matrix Soil/Soil Vapor/Water Carrier: Derik Cartan (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: 1.6°C NA   
 Water - VOA vials have zero headspace / no bubbles? Yes  No  No VOA vials submitted   
 Sample labels checked for correct preservation? Yes  No   
 Metal - pH acceptable upon receipt (pH<2)? Yes  No  NA   
 Samples Received on Ice? Yes  No   
 (Ice Type: WET ICE )

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

-----

Client contacted: Date contacted: Contacted by:

Comments:



# McC Campbell Analytical, Inc.

"When Quality Counts"

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Web: www.mcccampbell.com E-mail: main@mcccampbell.com  
Telephone: 877-252-9262 Fax: 925-252-9269

|   |                                      |                          |
|---|--------------------------------------|--------------------------|
| Endpoint<br><br>98 Battery Street, Suite 200<br><br>San Francisco, CA 94111 | Client Project ID: 2960 Casro Valley | Date Sampled: 10/05/09   |
|   |                                      | Date Received: 10/05/09  |
|   | Client Contact: Mehrdad Javaher      | Date Extracted: 10/05/09 |
|   | Client P.O.:                         | Date Analyzed 10/07/09   |

### Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)\*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0910092

|           |              |  |  |  |                              |   |
|-----------|--------------|--|--|--|------------------------------|---|
| Lab ID    | 0910092-007A |  |  |  | Reporting Limit for<br>DF =1 |   |
| Client ID | CompS1       |  |  |  |                              |   |
| Matrix    | S            |  |  |  | S                            | W |
| DF        | 1            |  |  |  |                              |   |

| Compound                     | Concentration |  |  |  | mg/kg | µg/L |
|------------------------------|---------------|--|--|--|-------|------|
| Bromodichloromethane         | ND            |  |  |  | 0.005 | NA   |
| Bromoform                    | ND            |  |  |  | 0.005 | NA   |
| Bromomethane                 | ND            |  |  |  | 0.005 | NA   |
| Carbon Tetrachloride         | ND            |  |  |  | 0.005 | NA   |
| Chlorobenzene                | ND            |  |  |  | 0.005 | NA   |
| Chloroethane                 | ND            |  |  |  | 0.005 | NA   |
| Chloroform                   | ND            |  |  |  | 0.005 | NA   |
| Chloromethane                | ND            |  |  |  | 0.005 | NA   |
| Dibromochloromethane         | ND            |  |  |  | 0.005 | NA   |
| 1,2-Dibromoethane (EDB)      | ND            |  |  |  | 0.004 | NA   |
| 1,2-Dichlorobenzene          | ND            |  |  |  | 0.005 | NA   |
| 1,3-Dichlorobenzene          | ND            |  |  |  | 0.005 | NA   |
| 1,4-Dichlorobenzene          | ND            |  |  |  | 0.005 | NA   |
| Dichlorodifluoromethane      | ND            |  |  |  | 0.005 | NA   |
| 1,1-Dichloroethane           | ND            |  |  |  | 0.005 | NA   |
| 1,2-Dichloroethane (1,2-DCA) | ND            |  |  |  | 0.004 | NA   |
| 1,1-Dichloroethene           | ND            |  |  |  | 0.005 | NA   |
| cis-1,2-Dichloroethene       | ND            |  |  |  | 0.005 | NA   |
| trans-1,2-Dichloroethene     | ND            |  |  |  | 0.005 | NA   |
| 1,2-Dichloropropane          | ND            |  |  |  | 0.005 | NA   |
| cis-1,3-Dichloropropene      | ND            |  |  |  | 0.005 | NA   |
| trans-1,3-Dichloropropene    | ND            |  |  |  | 0.005 | NA   |
| Freon 113                    | ND            |  |  |  | 0.1   | NA   |
| Methylene chloride           | ND            |  |  |  | 0.005 | NA   |
| 1,1,1,2-Tetrachloroethane    | ND            |  |  |  | 0.005 | NA   |
| 1,1,1,2,2-Tetrachloroethane  | ND            |  |  |  | 0.005 | NA   |
| Tetrachloroethene            | ND            |  |  |  | 0.005 | NA   |
| 1,1,1-Trichloroethane        | ND            |  |  |  | 0.005 | NA   |
| 1,1,2-Trichloroethane        | ND            |  |  |  | 0.005 | NA   |
| Trichloroethene              | ND            |  |  |  | 0.005 | NA   |
| Trichlorofluoromethane       | ND            |  |  |  | 0.005 | NA   |
| Vinyl Chloride               | ND            |  |  |  | 0.005 | NA   |

#### Surrogate Recoveries (%)

|       |     |  |  |  |
|-------|-----|--|--|--|
| %SS1: | 86  |  |  |  |
| %SS2: | 112 |  |  |  |
| %SS3: | 102 |  |  |  |

#### Comments

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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





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|   |                                      |                          |
|---|--------------------------------------|--------------------------|
| Endpoint<br><br>98 Battery Street, Suite 200<br><br>San Francisco, CA 94111 | Client Project ID: 2960 Casro Valley | Date Sampled: 10/05/09   |
|   |                                      | Date Received: 10/05/09  |
|   | Client Contact: Mehrdad Javaher      | Date Extracted: 10/07/09 |
|   | Client P.O.:                         | Date Analyzed 10/07/09   |

### Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)\*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0910092

|           |              |  |  |  |                              |   |
|-----------|--------------|--|--|--|------------------------------|---|
| Lab ID    | 0910092-001A |  |  |  | Reporting Limit for<br>DF =1 |   |
| Client ID | GW-1         |  |  |  |                              |   |
| Matrix    | W            |  |  |  | S                            | W |
| DF        | 1            |  |  |  |                              |   |

| Compound                     | Concentration |  |  |  | µg/kg | µg/L |
|------------------------------|---------------|--|--|--|-------|------|
| Bromodichloromethane         | ND            |  |  |  | NA    | 0.5  |
| Bromoform                    | ND            |  |  |  | NA    | 0.5  |
| Bromomethane                 | ND            |  |  |  | NA    | 0.5  |
| Carbon Tetrachloride         | ND            |  |  |  | NA    | 0.5  |
| Chlorobenzene                | ND            |  |  |  | NA    | 0.5  |
| Chloroethane                 | ND            |  |  |  | NA    | 0.5  |
| Chloroform                   | ND            |  |  |  | NA    | 0.5  |
| Chloromethane                | ND            |  |  |  | NA    | 0.5  |
| Dibromochloromethane         | ND            |  |  |  | NA    | 0.5  |
| 1,2-Dibromoethane (EDB)      | ND            |  |  |  | NA    | 0.5  |
| 1,2-Dichlorobenzene          | ND            |  |  |  | NA    | 0.5  |
| 1,3-Dichlorobenzene          | ND            |  |  |  | NA    | 0.5  |
| 1,4-Dichlorobenzene          | ND            |  |  |  | NA    | 0.5  |
| Dichlorodifluoromethane      | ND            |  |  |  | NA    | 0.5  |
| 1,1-Dichloroethane           | ND            |  |  |  | NA    | 0.5  |
| 1,2-Dichloroethane (1,2-DCA) | ND            |  |  |  | NA    | 0.5  |
| 1,1-Dichloroethene           | ND            |  |  |  | NA    | 0.5  |
| cis-1,2-Dichloroethene       | ND            |  |  |  | NA    | 0.5  |
| trans-1,2-Dichloroethene     | ND            |  |  |  | NA    | 0.5  |
| 1,2-Dichloropropane          | ND            |  |  |  | NA    | 0.5  |
| cis-1,3-Dichloropropene      | ND            |  |  |  | NA    | 0.5  |
| trans-1,3-Dichloropropene    | ND            |  |  |  | NA    | 0.5  |
| Freon 113                    | ND            |  |  |  | NA    | 10   |
| Methylene chloride           | ND            |  |  |  | NA    | 0.5  |
| 1,1,1,2-Tetrachloroethane    | ND            |  |  |  | NA    | 0.5  |
| 1,1,1,2,2-Tetrachloroethane  | ND            |  |  |  | NA    | 0.5  |
| Tetrachloroethene            | ND            |  |  |  | NA    | 0.5  |
| 1,1,1-Trichloroethane        | ND            |  |  |  | NA    | 0.5  |
| 1,1,2-Trichloroethane        | ND            |  |  |  | NA    | 0.5  |
| Trichloroethene              | ND            |  |  |  | NA    | 0.5  |
| Trichlorofluoromethane       | ND            |  |  |  | NA    | 0.5  |
| Vinyl Chloride               | ND            |  |  |  | NA    | 0.5  |

#### Surrogate Recoveries (%)

|       |     |  |  |  |
|-------|-----|--|--|--|
| %SS1: | 91  |  |  |  |
| %SS2: | 100 |  |  |  |
| %SS3: | 99  |  |  |  |

**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 surrogate coelutes with another peak.

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



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|   |                                      |                          |
|---|--------------------------------------|--------------------------|
| Endpoint<br><br>98 Battery Street, Suite 200<br>San Francisco, CA 94111 | Client Project ID: 2960 Casro Valley | Date Sampled: 10/05/09   |
|   | Client Contact: Mehrdad Javaher      | Date Received: 10/05/09  |
|   | Client P.O.:                         | Date Extracted: 10/08/09 |
|   |                                      | Date Analyzed: 10/08/09  |

### Halogenated Volatile Organic Compounds in $\mu\text{g}/\text{m}^3$ \*

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0910092

| Lab ID                                 | 0910092-002A  | 0910092-003A | 0910092-004A | 0910092-005A | Reporting Limit for DF =1 |      |
|--|---------------|--------------|--------------|--------------|---------------------------|------|
| Client ID                              | SS-1          | SS-2         | SV1          | SV3          | Soil Vapor                | W    |
| Matrix                                 | Soil Vapor    | Soil Vapor   | Soil Vapor   | Soil Vapor   |                           |      |
| DF                                     | 1             | 1            | 1            | 1            |                           |      |
| Initial Pressure (psia)                | 13.82         | 14.88        | 13.98        | 14.77        |                           |      |
| Final Pressure (psia)                  | 27.54         | 29.68        | 27.9         | 29.48        |                           |      |
| Compound                               | Concentration |              |              |              | $\mu\text{g}/\text{m}^3$  | ug/L |
| Bromodichloromethane                   | ND            | ND           | ND           | ND           | 14                        | NA   |
| Bromoform                              | ND            | ND           | ND           | ND           | 21                        | NA   |
| Bromomethane                           | ND            | ND           | ND           | ND           | 7.9                       | NA   |
| Carbon Tetrachloride                   | ND            | ND           | ND           | ND           | 13                        | NA   |
| Chlorobenzene                          | ND            | ND           | ND           | ND           | 9.4                       | NA   |
| Chloroethane                           | ND            | ND           | ND           | ND           | 5.4                       | NA   |
| Chloroform                             | ND            | ND           | ND           | ND           | 9.9                       | NA   |
| Chloromethane                          | ND            | ND           | ND           | ND           | 4.2                       | NA   |
| Dibromochloromethane                   | ND            | ND           | ND           | ND           | 17                        | NA   |
| 1,2-Dibromoethane (EDB)                | ND            | ND           | ND           | ND           | 16                        | NA   |
| 1,2-Dichlorobenzene                    | ND            | ND           | ND           | ND           | 12                        | NA   |
| 1,3-Dichlorobenzene                    | ND            | ND           | ND           | ND           | 12                        | NA   |
| 1,4-Dichlorobenzene                    | ND            | ND           | ND           | ND           | 12                        | NA   |
| Dichlorodifluoromethane                | ND            | ND           | ND           | ND           | 10                        | NA   |
| 1,1-Dichloroethane                     | ND            | ND           | ND           | ND           | 8.2                       | NA   |
| 1,2-Dichloroethane (1,2-DCA)           | ND            | ND           | ND           | ND           | 8.2                       | NA   |
| 1,1-Dichloroethene                     | ND            | ND           | ND           | ND           | 8.1                       | NA   |
| cis-1,2-Dichloroethene                 | ND            | ND           | 21           | ND           | 8.1                       | NA   |
| trans-1,2-Dichloroethene               | ND            | ND           | ND           | ND           | 8.1                       | NA   |
| 1,2-Dichloropropane                    | ND            | ND           | ND           | ND           | 9.4                       | NA   |
| cis-1,3-Dichloropropene                | ND            | ND           | ND           | ND           | 9.2                       | NA   |
| trans-1,3-Dichloropropene              | ND            | ND           | ND           | ND           | 9.2                       | NA   |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | ND            | ND           | ND           | ND           | 14                        | NA   |
| Freon 113                              | ND            | ND           | ND           | ND           | 16                        | NA   |
| Methylene chloride                     | ND            | ND           | ND           | ND           | 7.1                       | NA   |
| 1,1,1,2-Tetrachloroethane              | ND            | ND           | ND           | ND           | 14                        | NA   |
| 1,1,2,2-Tetrachloroethane              | ND            | ND           | ND           | ND           | 14                        | NA   |
| Tetrachloroethene                      | 900           | 1500         | 3000         | 1200         | 14                        | NA   |
| 1,2,4-Trichlorobenzene                 | ND            | ND           | ND           | ND           | 15                        | NA   |
| 1,1,1-Trichloroethane                  | ND            | ND           | ND           | ND           | 11                        | NA   |
| 1,1,2-Trichloroethane                  | ND            | ND           | ND           | ND           | 11                        | NA   |
| Trichloroethene                        | ND            | ND           | 800          | ND           | 11                        | NA   |
| Trichlorofluoromethane                 | ND            | ND           | ND           | ND           | 11                        | NA   |
| Vinyl Chloride                         | ND            | ND           | ND           | ND           | 5.2                       | NA   |
| Surrogate Recoveries (%)               |               |              |              |              |                           |      |
| %SS1:                                  | 96            | 97           | 99           | 99           |                           |      |
| %SS2:                                  | 101           | 102          | 105          | 104          |                           |      |
| %SS3:                                  | 103           | 110          | 107          | 107          |                           |      |

**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.



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|   |                                      |                          |
|---|--------------------------------------|--------------------------|
| Endpoint<br><br>98 Battery Street, Suite 200<br>San Francisco, CA 94111 | Client Project ID: 2960 Casro Valley | Date Sampled: 10/05/09   |
|   | Client Contact: Mehrdad Javaher      | Date Received: 10/05/09  |
|   | Client P.O.:                         | Date Extracted: 10/08/09 |
|   |                                      | Date Analyzed: 10/08/09  |

### Halogenated Volatile Organic Compounds in µg/m<sup>3</sup>\*

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0910092

|                         |              |  |  |  |                              |   |
|-------------------------|--------------|--|--|--|------------------------------|---|
| Lab ID                  | 0910092-006A |  |  |  | Reporting Limit for<br>DF =1 |   |
| Client ID               | SV4          |  |  |  |                              |   |
| Matrix                  | Soil Vapor   |  |  |  |                              |   |
| DF                      | 1            |  |  |  |                              |   |
| Initial Pressure (psia) | 14.9         |  |  |  | Soil Vapor                   | W |
| Final Pressure (psia)   | 29.75        |  |  |  |                              |   |

| Compound                               | Concentration |  |  |  | µg/m <sup>3</sup> | ug/L |
|--|---------------|--|--|--|-------------------|------|
| Bromodichloromethane                   | ND            |  |  |  | 14                | NA   |
| Bromoform                              | ND            |  |  |  | 21                | NA   |
| Bromomethane                           | ND            |  |  |  | 7.9               | NA   |
| Carbon Tetrachloride                   | ND            |  |  |  | 13                | NA   |
| Chlorobenzene                          | ND            |  |  |  | 9.4               | NA   |
| Chloroethane                           | ND            |  |  |  | 5.4               | NA   |
| Chloroform                             | ND            |  |  |  | 9.9               | NA   |
| Chloromethane                          | ND            |  |  |  | 4.2               | NA   |
| Dibromochloromethane                   | ND            |  |  |  | 17                | NA   |
| 1,2-Dibromoethane (EDB)                | ND            |  |  |  | 16                | NA   |
| 1,2-Dichlorobenzene                    | ND            |  |  |  | 12                | NA   |
| 1,3-Dichlorobenzene                    | ND            |  |  |  | 12                | NA   |
| 1,4-Dichlorobenzene                    | ND            |  |  |  | 12                | NA   |
| Dichlorodifluoromethane                | ND            |  |  |  | 10                | NA   |
| 1,1-Dichloroethane                     | ND            |  |  |  | 8.2               | NA   |
| 1,2-Dichloroethane (1,2-DCA)           | ND            |  |  |  | 8.2               | NA   |
| 1,1-Dichloroethene                     | ND            |  |  |  | 8.1               | NA   |
| cis-1,2-Dichloroethene                 | ND            |  |  |  | 8.1               | NA   |
| trans-1,2-Dichloroethene               | ND            |  |  |  | 8.1               | NA   |
| 1,2-Dichloropropane                    | ND            |  |  |  | 9.4               | NA   |
| cis-1,3-Dichloropropene                | ND            |  |  |  | 9.2               | NA   |
| trans-1,3-Dichloropropene              | ND            |  |  |  | 9.2               | NA   |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | ND            |  |  |  | 14                | NA   |
| Freon 113                              | ND            |  |  |  | 16                | NA   |
| Methylene chloride                     | ND            |  |  |  | 7.1               | NA   |
| 1,1,1,2-Tetrachloroethane              | ND            |  |  |  | 14                | NA   |
| 1,1,2,2-Tetrachloroethane              | ND            |  |  |  | 14                | NA   |
| Tetrachloroethene                      | 110           |  |  |  | 14                | NA   |
| 1,2,4-Trichlorobenzene                 | ND            |  |  |  | 15                | NA   |
| 1,1,1-Trichloroethane                  | ND            |  |  |  | 11                | NA   |
| 1,1,2-Trichloroethane                  | ND            |  |  |  | 11                | NA   |
| Trichloroethene                        | ND            |  |  |  | 11                | NA   |
| Trichlorofluoromethane                 | ND            |  |  |  | 11                | NA   |
| Vinyl Chloride                         | ND            |  |  |  | 5.2               | NA   |

#### Surrogate Recoveries (%)

|       |     |  |  |  |
|-------|-----|--|--|--|
| %SS1: | 98  |  |  |  |
| %SS2: | 102 |  |  |  |
| %SS3: | 106 |  |  |  |

**Comments**

\*vapor samples are reported in µg/m<sup>3</sup>.

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.



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|   |                                      |                          |
|---|--------------------------------------|--------------------------|
| Endpoint<br><br>98 Battery Street, Suite 200<br>San Francisco, CA 94111 | Client Project ID: 2960 Casro Valley | Date Sampled: 10/05/09   |
|   | Client Contact: Mehrdad Javaher      | Date Received: 10/05/09  |
|   | Client P.O.:                         | Date Extracted: 10/08/09 |
|   |                                      | Date Analyzed: 10/08/09  |

### Halogenated Volatile Organic Compounds in nL/L\*

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0910092

| Lab ID                  | 0910092-002A | 0910092-003A | 0910092-004A | 0910092-005A | Reporting Limit for DF =1 |   |
|-------------------------|--------------|--------------|--------------|--------------|---------------------------|---|
| Client ID               | SS-1         | SS-2         | SV1          | SV3          | Soil Vapor                | W |
| Matrix                  | Soil Vapor   | Soil Vapor   | Soil Vapor   | Soil Vapor   |                           |   |
| DF                      | 1            | 1            | 1            | 1            |                           |   |
| Initial Pressure (psia) | 13.82        | 14.88        | 13.98        | 14.77        |                           |   |
| Final Pressure (psia)   | 27.54        | 29.68        | 27.9         | 29.48        |                           |   |

| Compound                               | Concentration |     |     |     | nL/L | ug/L |
|--|---------------|-----|-----|-----|------|------|
| Bromodichloromethane                   | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Bromoform                              | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Bromomethane                           | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Carbon Tetrachloride                   | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Chlorobenzene                          | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Chloroethane                           | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Chloroform                             | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Chloromethane                          | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Dibromochloromethane                   | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,2-Dibromoethane (EDB)                | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,2-Dichlorobenzene                    | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,3-Dichlorobenzene                    | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,4-Dichlorobenzene                    | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Dichlorodifluoromethane                | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,1-Dichloroethane                     | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,2-Dichloroethane (1,2-DCA)           | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,1-Dichloroethene                     | ND            | ND  | ND  | ND  | 2.0  | NA   |
| cis-1,2-Dichloroethene                 | ND            | ND  | 5.3 | ND  | 2.0  | NA   |
| trans-1,2-Dichloroethene               | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,2-Dichloropropane                    | ND            | ND  | ND  | ND  | 2.0  | NA   |
| cis-1,3-Dichloropropene                | ND            | ND  | ND  | ND  | 2.0  | NA   |
| trans-1,3-Dichloropropene              | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Freon 113                              | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Methylene chloride                     | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,1,1,2-Tetrachloroethane              | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,1,2,2-Tetrachloroethane              | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Tetrachloroethene                      | 130           | 220 | 430 | 180 | 2.0  | NA   |
| 1,2,4-Trichlorobenzene                 | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,1,1-Trichloroethane                  | ND            | ND  | ND  | ND  | 2.0  | NA   |
| 1,1,2-Trichloroethane                  | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Trichloroethene                        | ND            | ND  | 150 | ND  | 2.0  | NA   |
| Trichlorofluoromethane                 | ND            | ND  | ND  | ND  | 2.0  | NA   |
| Vinyl Chloride                         | ND            | ND  | ND  | ND  | 2.0  | NA   |

#### Surrogate Recoveries (%)

|       |     |     |     |     |  |  |
|-------|-----|-----|-----|-----|--|--|
| %SS1: | 96  | 97  | 99  | 99  |  |  |
| %SS2: | 101 | 102 | 105 | 104 |  |  |
| %SS3: | 103 | 110 | 107 | 107 |  |  |

**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"

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

|   |                                      |                          |
|---|--------------------------------------|--------------------------|
| Endpoint<br><br>98 Battery Street, Suite 200<br>San Francisco, CA 94111 | Client Project ID: 2960 Casro Valley | Date Sampled: 10/05/09   |
|   | Client Contact: Mehrdad Javaher      | Date Received: 10/05/09  |
|   | Client P.O.:                         | Date Extracted: 10/08/09 |
|   |                                      | Date Analyzed: 10/08/09  |

### Halogenated Volatile Organic Compounds in nL/L\*

Extraction Method: TO15

Analytical Method: TO15

Work Order: 0910092

|                         |              |  |  |  |                              |   |
|-------------------------|--------------|--|--|--|------------------------------|---|
| Lab ID                  | 0910092-006A |  |  |  | Reporting Limit for<br>DF =1 |   |
| Client ID               | SV4          |  |  |  |                              |   |
| Matrix                  | Soil Vapor   |  |  |  |                              |   |
| DF                      | 1            |  |  |  |                              |   |
| Initial Pressure (psia) | 14.9         |  |  |  | Soil Vapor                   | W |
| Final Pressure (psia)   | 29.75        |  |  |  |                              |   |

| Compound                               | Concentration |  |  |  | nL/L | ug/L |
|--|---------------|--|--|--|------|------|
| Bromodichloromethane                   | ND            |  |  |  | 2.0  | NA   |
| Bromoform                              | ND            |  |  |  | 2.0  | NA   |
| Bromomethane                           | ND            |  |  |  | 2.0  | NA   |
| Carbon Tetrachloride                   | ND            |  |  |  | 2.0  | NA   |
| Chlorobenzene                          | ND            |  |  |  | 2.0  | NA   |
| Chloroethane                           | ND            |  |  |  | 2.0  | NA   |
| Chloroform                             | ND            |  |  |  | 2.0  | NA   |
| Chloromethane                          | ND            |  |  |  | 2.0  | NA   |
| Dibromochloromethane                   | ND            |  |  |  | 2.0  | NA   |
| 1,2-Dibromoethane (EDB)                | ND            |  |  |  | 2.0  | NA   |
| 1,2-Dichlorobenzene                    | ND            |  |  |  | 2.0  | NA   |
| 1,3-Dichlorobenzene                    | ND            |  |  |  | 2.0  | NA   |
| 1,4-Dichlorobenzene                    | ND            |  |  |  | 2.0  | NA   |
| Dichlorodifluoromethane                | ND            |  |  |  | 2.0  | NA   |
| 1,1-Dichloroethane                     | ND            |  |  |  | 2.0  | NA   |
| 1,2-Dichloroethane (1,2-DCA)           | ND            |  |  |  | 2.0  | NA   |
| 1,1-Dichloroethene                     | ND            |  |  |  | 2.0  | NA   |
| cis-1,2-Dichloroethene                 | ND            |  |  |  | 2.0  | NA   |
| trans-1,2-Dichloroethene               | ND            |  |  |  | 2.0  | NA   |
| 1,2-Dichloropropane                    | ND            |  |  |  | 2.0  | NA   |
| cis-1,3-Dichloropropene                | ND            |  |  |  | 2.0  | NA   |
| trans-1,3-Dichloropropene              | ND            |  |  |  | 2.0  | NA   |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | ND            |  |  |  | 2.0  | NA   |
| Freon 113                              | ND            |  |  |  | 2.0  | NA   |
| Methylene chloride                     | ND            |  |  |  | 2.0  | NA   |
| 1,1,1,2-Tetrachloroethane              | ND            |  |  |  | 2.0  | NA   |
| 1,1,2,2-Tetrachloroethane              | ND            |  |  |  | 2.0  | NA   |
| Tetrachloroethene                      | 16            |  |  |  | 2.0  | NA   |
| 1,2,4-Trichlorobenzene                 | ND            |  |  |  | 2.0  | NA   |
| 1,1,1-Trichloroethane                  | ND            |  |  |  | 2.0  | NA   |
| 1,1,2-Trichloroethane                  | ND            |  |  |  | 2.0  | NA   |
| Trichloroethene                        | ND            |  |  |  | 2.0  | NA   |
| Trichlorofluoromethane                 | ND            |  |  |  | 2.0  | NA   |
| Vinyl Chloride                         | ND            |  |  |  | 2.0  | NA   |

#### Surrogate Recoveries (%)

|       |     |  |  |  |
|-------|-----|--|--|--|
| %SS1: | 98  |  |  |  |
| %SS2: | 102 |  |  |  |
| %SS3: | 106 |  |  |  |

**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.





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|   |                                      |                          |
|---|--------------------------------------|--------------------------|
| Endpoint<br><br>98 Battery Street, Suite 200<br><br>San Francisco, CA 94111 | Client Project ID: 2960 Casro Valley | Date Sampled: 10/05/09   |
|   |                                      | Date Received: 10/05/09  |
|   | Client Contact: Mehrdad Javaher      | Date Extracted: 10/08/09 |
|   | Client P.O.:                         | Date Analyzed: 10/08/09  |

### Leak Check Compound\*

Extraction method: TO15

Analytical methods: TO15

Work Order: 0910092

| Lab ID | Client ID | Matrix     | Initial Pressure | Final Pressure | Isopropyl Alcohol | DF | % SS | Comments |
|--------|-----------|------------|------------------|----------------|-------------------|----|------|----------|
| 002A   | SS-1      | Soil Vapor | 13.82            | 27.54          | ND                | 1  | N/A  |          |
| 003A   | SS-2      | Soil Vapor | 14.88            | 29.68          | ND                | 1  | N/A  |          |
| 004A   | SV1       | Soil Vapor | 13.98            | 27.9           | ND                | 1  | N/A  |          |
| 005A   | SV3       | Soil Vapor | 14.77            | 29.48          | ND                | 1  | N/A  |          |
| 006A   | SV4       | Soil Vapor | 14.9             | 29.75          | ND                | 1  | N/A  |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |
|        |           |            |                  |                |                   |    |      |          |

|  |            |      |      |    |      |
|--|------------|------|------|----|------|
| Reporting Limit for DF =1;<br>ND means not detected at or<br>above the reporting limit | W          | psia | psia | NA | NA   |
|  | Soil Vapor | psia | psia | 10 | µg/L |

\* leak check compound is reported in µg/L. 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.



### QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

BatchID: 46185

WorkOrder 0910092

| EPA Method SW8260B           | Extraction SW5030B |        |        |        |       |        |        |       | Spiked Sample ID: 0910020-006A |                         |          |     |
|------------------------------|--------------------|--------|--------|--------|-------|--------|--------|-------|--------------------------------|-------------------------|----------|-----|
|                              | 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 |
| Chlorobenzene                | ND                 | 0.050  | 113    | 93.9   | 18.2  | 104    | 86.2   | 18.3  | 60 - 130                       | 30                      | 60 - 130 | 30  |
| 1,2-Dibromoethane (EDB)      | ND                 | 0.050  | 95     | 82.6   | 14.0  | 89.1   | 74.8   | 17.4  | 60 - 130                       | 30                      | 60 - 130 | 30  |
| 1,2-Dichloroethane (1,2-DCA) | ND                 | 0.050  | 118    | 101    | 15.5  | 99.9   | 84.5   | 16.7  | 60 - 130                       | 30                      | 60 - 130 | 30  |
| 1,1-Dichloroethene           | ND                 | 0.050  | 129    | 110    | 15.9  | 109    | 92.5   | 16.1  | 60 - 130                       | 30                      | 60 - 130 | 30  |
| Trichloroethene              | ND                 | 0.050  | 130    | 108    | 18.5  | 114    | 94.2   | 19.2  | 60 - 130                       | 30                      | 60 - 130 | 30  |
| %SS1:                        | 106                | 0.12   | 71     | 72     | 0.496 | 71     | 72     | 1.83  | 70 - 130                       | 30                      | 70 - 130 | 30  |
| %SS2:                        | 102                | 0.12   | 94     | 94     | 0     | 95     | 95     | 0     | 70 - 130                       | 30                      | 70 - 130 | 30  |
| %SS3:                        | 113                | 0.012  | 87     | 89     | 3.03  | 87     | 86     | 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 46185 SUMMARY

| Lab ID       | Date Sampled      | Date Extracted | Date Analyzed    | Lab ID | Date Sampled | Date Extracted | Date Analyzed |
|--------------|-------------------|----------------|------------------|--------|--------------|----------------|---------------|
| 0910092-007A | 10/05/09 12:29 PM | 10/05/09       | 10/07/09 3:59 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 / 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 freon 113 may occasionally appear in the method blank at low levels.



### QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 46224

WorkOrder 0910092

| EPA Method SW8260B           | Extraction SW5030B |        |        |        |       |        |        |        | Spiked Sample ID: 0910055-010A |                         |          |     |
|------------------------------|--------------------|--------|--------|--------|-------|--------|--------|--------|--------------------------------|-------------------------|----------|-----|
|                              | 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 |
| Chlorobenzene                | ND                 | 10     | 101    | 97.7   | 3.25  | 87.1   | 87     | 0.0796 | 70 - 130                       | 30                      | 70 - 130 | 30  |
| 1,2-Dibromoethane (EDB)      | ND                 | 10     | 101    | 105    | 3.67  | 99.3   | 102    | 2.59   | 70 - 130                       | 30                      | 70 - 130 | 30  |
| 1,2-Dichloroethane (1,2-DCA) | ND                 | 10     | 95.4   | 98.6   | 3.33  | 109    | 115    | 4.77   | 70 - 130                       | 30                      | 70 - 130 | 30  |
| 1,1-Dichloroethene           | ND                 | 10     | 111    | 105    | 6.24  | 106    | 106    | 0      | 70 - 130                       | 30                      | 70 - 130 | 30  |
| Trichloroethene              | ND                 | 10     | 114    | 112    | 1.42  | 101    | 105    | 3.65   | 70 - 130                       | 30                      | 70 - 130 | 30  |
| %SS1:                        | 76                 | 25     | 90     | 94     | 3.78  | 122    | 127    | 3.60   | 70 - 130                       | 30                      | 70 - 130 | 30  |
| %SS2:                        | 89                 | 25     | 101    | 99     | 1.68  | 95     | 96     | 0.894  | 70 - 130                       | 30                      | 70 - 130 | 30  |
| %SS3:                        | 80                 | 2.5    | 104    | 103    | 1.46  | 94     | 102    | 8.59   | 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 46224 SUMMARY

| Lab ID       | Date Sampled      | Date Extracted | Date Analyzed    | Lab ID | Date Sampled | Date Extracted | Date Analyzed |
|--------------|-------------------|----------------|------------------|--------|--------------|----------------|---------------|
| 0910092-001A | 10/05/09 12:40 PM | 10/07/09       | 10/07/09 4:31 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 freon 113 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: 46248

WorkOrder: 0910092

| EPA Method TO15                      | Extraction TO15 |        |        |        |        |        |        |          | Spiked Sample ID: N/A   |     |          |     |
|--------------------------------------|-----------------|--------|--------|--------|--------|--------|--------|----------|-------------------------|-----|----------|-----|
|                                      | 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 |
| 1,3-Butadiene                        | N/A             | 25     | N/A    | N/A    | N/A    | 85.3   | 89.9   | 5.20     | N/A                     | N/A | 70 - 130 | 30  |
| Chlorobenzene                        | N/A             | 25     | N/A    | N/A    | N/A    | 108    | 108    | 0        | N/A                     | N/A | 70 - 130 | 30  |
| 1,2-Dibromoethane (EDB)              | N/A             | 25     | N/A    | N/A    | N/A    | 113    | 114    | 1.13     | N/A                     | N/A | 70 - 130 | 30  |
| 1,2-Dichloroethane (1,2-DCA)         | N/A             | 25     | N/A    | N/A    | N/A    | 106    | 107    | 0.885    | N/A                     | N/A | 70 - 130 | 30  |
| 1,2-Dichloro-1,1,2,2-tetrafluoroetha | N/A             | 25     | N/A    | N/A    | N/A    | 88.9   | 96.6   | 8.26     | N/A                     | N/A | 70 - 130 | 30  |
| Freon 113                            | N/A             | 25     | N/A    | N/A    | N/A    | 103    | 106    | 3.01     | N/A                     | N/A | 70 - 130 | 30  |
| 1,1,1,2-Tetrachloroethane            | N/A             | 25     | N/A    | N/A    | N/A    | 111    | 112    | 0.743    | N/A                     | N/A | 70 - 130 | 30  |
| 1,1,2,2-Tetrachloroethane            | N/A             | 25     | N/A    | N/A    | N/A    | 97.5   | 98.2   | 0.654    | N/A                     | N/A | 70 - 130 | 30  |
| 1,2,4-Trichlorobenzene               | N/A             | 25     | N/A    | N/A    | N/A    | 81.8   | 84.5   | 3.25     | N/A                     | N/A | 70 - 130 | 30  |
| Trichloroethene                      | N/A             | 25     | N/A    | N/A    | N/A    | 105    | 104    | 0.726    | N/A                     | N/A | 70 - 130 | 30  |
| Xylenes                              | N/A             | 75     | N/A    | N/A    | N/A    | 109    | 109    | 0        | N/A                     | N/A | 70 - 130 | 30  |
| %SS1:                                | N/A             | 500    | N/A    | N/A    | N/A    | 105    | 106    | 1.41     | N/A                     | N/A | 70 - 130 | 30  |
| %SS2:                                | N/A             | 500    | N/A    | N/A    | N/A    | 109    | 109    | 0        | N/A                     | N/A | 70 - 130 | 30  |
| %SS3:                                | N/A             | 500    | N/A    | N/A    | N/A    | 109    | 109    | 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 46248 SUMMARY

| Lab ID       | Date Sampled      | Date Extracted | Date Analyzed     | Lab ID       | Date Sampled      | Date Extracted | Date Analyzed    |
|--------------|-------------------|----------------|-------------------|--------------|-------------------|----------------|------------------|
| 0910092-002A | 10/05/09 10:20 AM | 10/08/09       | 10/08/09 12:29 PM | 0910092-003A | 10/05/09 9:56 AM  | 10/08/09       | 10/08/09 1:18 PM |
| 0910092-003A | 10/05/09 9:56 AM  | 10/08/09       | 10/08/09 7:09 PM  | 0910092-004A | 10/05/09 11:16 AM | 10/08/09       | 10/08/09 2:06 PM |
| 0910092-004A | 10/05/09 11:16 AM | 10/08/09       | 10/08/09 7:52 PM  | 0910092-005A | 10/05/09 10:49 AM | 10/08/09       | 10/08/09 2:56 PM |
| 0910092-005A | 10/05/09 10:49 AM | 10/08/09       | 10/08/09 8:32 PM  | 0910092-006A | 10/05/09 12:38 PM | 10/08/09       | 10/08/09 3:45 PM |

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

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

\* MS 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.