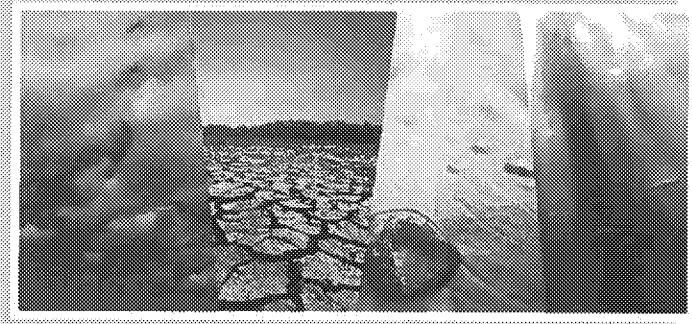
Calscience Environmental Laboratories, Inc.

# CALSCIENCE
## WORK ORDER NUMBER: 14-01-0923

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** The Bodhi Group

**Client Project Name:** 9067002

**Attention:** Sree Gopinath
5480 Baltimore Drive, Suite 207
La Mesa, CA 91942-2066

Approved for release on 01/24/2014 by:
Virendra Patel
Project Manager

ResultLink ▸

Email your PM ▸

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1427 | TEL (714) 895-5494 | FAX (714) 894-7501 | www.calscience.com

NELAP ID: 03205CA | DoD-ELAP ID: L10-51 | CSDLAC ID: 10409 | SCAQMD ID: 93LA0830

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Work Order Number: 14-01-0923


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ED_002285_00003663-00002

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# Work Order Narrative

Work Order: 14-01-0923



**Condition Upon Receipt:**

Samples were received under Chain of Custody (COC) on 01/16/14. They were assigned to Work Order 14-01-0923.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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# Sample Summary

| | | | |
|---|---|---|---|
| Client: | The Bodhi Group<br>5480 Baltimore Drive, Suite 207<br>La Mesa, CA 91942-2066 | Work Order: | 14-01-0923 |
| | | Project Name: | 9067002 |
| | | PO Number: | |
| | | Date/Time Received: | 01/16/14 19:30 |
| | | Number of Containers: | 7 |
| Attn: | Sree Gopinath | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| PBT019-1.3-1.4 | 14-01-0923-1 | 01/15/14 15:00 | 1 | Solid |
| PBT019-1.3-1.4D | 14-01-0923-2 | 01/15/14 15:00 | 1 | Solid |
| PBT008-1.8-1.9 | 14-01-0923-3 | 01/15/14 15:21 | 1 | Solid |
| PBT018-2.1-2.2 | 14-01-0923-4 | 01/15/14 15:37 | 1 | Solid |
| PBT005-2.0-2.1 | 14-01-0923-5 | 01/15/14 16:00 | 1 | Solid |
| PBT018-2.1-2.2D | 14-01-0923-6 | 01/15/14 15:37 | 1 | Solid |
| PBT006-2.1-2.2 | 14-01-0923-7 | 01/15/14 16:10 | 1 | Solid |

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# Detections Summary

Client: The Bodhi Group
5480 Baltimore Drive, Suite 207
La Mesa, CA 91942-2066

Work Order: 14-01-0923
Project Name: 9067002
Received: 01/16/14

Attn: Sree Gopinath



| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| PBT019-1.3-1.4 (14-01-0923-1) | | | | | | |
| Moisture | 5.20 | | 0.100 | % | ASTM D-2216 (M) | N/A |
| Aroclor-1248 | 350 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 470 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| PBT019-1.3-1.4D (14-01-0923-2) | | | | | | |
| Moisture | 4.30 | | 0.100 | % | ASTM D-2216 (M) | N/A |
| Aroclor-1248 | 32 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 170 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| PBT008-1.8-1.9 (14-01-0923-3) | | | | | | |
| Moisture | 3.90 | | 0.100 | % | ASTM D-2216 (M) | N/A |
| Aroclor-1248 | 38 | J | 15* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 330 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| PBT018-2.1-2.2 (14-01-0923-4) | | | | | | |
| Moisture | 9.90 | | 0.100 | % | ASTM D-2216 (M) | N/A |
| Aroclor-1254 | 18 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| PBT005-2.0-2.1 (14-01-0923-5) | | | | | | |
| Moisture | 6.80 | | 0.100 | % | ASTM D-2216 (M) | N/A |
| Aroclor-1248 | 150 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 220 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| PBT018-2.1-2.2D (14-01-0923-6) | | | | | | |
| Moisture | 10.0 | | 0.100 | % | ASTM D-2216 (M) | N/A |
| Aroclor-1248 | 20 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 45 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| PBT006-2.1-2.2 (14-01-0923-7) | | | | | | |
| Moisture | 6.80 | | 0.100 | % | ASTM D-2216 (M) | N/A |
| Aroclor-1248 | 260 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 340 | | 50 | ug/kg | EPA 8082 | EPA 3545 |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

| | | | |
|---|---|---|---|
| The Bodhi Group | | Date Received: | 01/16/14 |
| 5480 Baltimore Drive, Suite 207 | | Work Order: | 14-01-0923 |
| La Mesa, CA 91942-2066 | | Preparation: | N/A |
| | | Method: | ASTM D-2216 (M) |
| | | Units: | % |
| Project: 9067002 | | | Page 1 of 1 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **PBT019-1.3-1.4** | **14-01-0923-1-A** | **01/15/14 15:00** | **Solid** | **N/A** | **01/20/14** | **01/20/14 21:30** | **E0120MOIB1** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Moisture | 5.20 | 0.100 | 1 | |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Moisture | 4.30 | 0.100 | 1 | |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Moisture | 3.90 | 0.100 | 1 | |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Moisture | 9.90 | 0.100 | 1 | |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Moisture | 6.80 | 0.100 | 1 | |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Moisture | 10.0 | 0.100 | 1 | |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Moisture | 6.80 | 0.100 | 1 | |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Moisture | ND | 0.100 | 1 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

| | | | |
|---|---|---|---|
| The Bodhi Group | | Date Received: | 01/16/14 |
| 5480 Baltimore Drive, Suite 207 | | Work Order: | 14-01-0923 |
| La Mesa, CA 91942-2066 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| | | Units: | ug/kg |
| Project: 9067002 | | | Page 1 of 4 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **PBT019-1.3-1.4** | **14-01-0923-1-A** | **01/15/14 15:00** | **Solid** | **GC 31** | **01/20/14** | **01/23/14 18:11** | **140120L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1 | |
| Aroclor-1221 | ND | 50 | 13 | 1 | |
| Aroclor-1232 | ND | 50 | 11 | 1 | |
| Aroclor-1242 | ND | 50 | 12 | 1 | |
| Aroclor-1248 | 350 | 50 | 14 | 1 | |
| Aroclor-1254 | 470 | 50 | 12 | 1 | |
| Aroclor-1260 | ND | 50 | 11 | 1 | |
| Aroclor-1262 | ND | 50 | 12 | 1 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 103 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1 | |
| Aroclor-1221 | ND | 50 | 13 | 1 | |
| Aroclor-1232 | ND | 50 | 11 | 1 | |
| Aroclor-1242 | ND | 50 | 12 | 1 | |
| Aroclor-1248 | 32 | 50 | 14 | 1 | J |
| Aroclor-1254 | 170 | 50 | 12 | 1 | |
| Aroclor-1260 | ND | 50 | 11 | 1 | |
| Aroclor-1262 | ND | 50 | 12 | 1 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 99 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| The Bodhi Group | | Date Received: | 01/16/14 |
| 5480 Baltimore Drive, Suite 207 | | Work Order: | 14-01-0923 |
| La Mesa, CA 91942-2066 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| | | Units: | ug/kg |
| Project: 9067002 | | | Page 2 of 4 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **PBT008-1.8-1.9** | **14-01-0923-3-A** | **01/15/14 15:21** | **Solid** | **GC 31** | **01/20/14** | **01/23/14 18:49** | **140120L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1 | |
| Aroclor-1221 | ND | 50 | 13 | 1 | |
| Aroclor-1232 | ND | 50 | 11 | 1 | |
| Aroclor-1242 | ND | 50 | 13 | 1 | |
| Aroclor-1248 | 38 | 50 | 15 | 1 | J |
| Aroclor-1254 | 330 | 50 | 12 | 1 | |
| Aroclor-1260 | ND | 50 | 11 | 1 | |
| Aroclor-1262 | ND | 50 | 12 | 1 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 94 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1 | |
| Aroclor-1221 | ND | 50 | 13 | 1 | |
| Aroclor-1232 | ND | 50 | 11 | 1 | |
| Aroclor-1242 | ND | 50 | 12 | 1 | |
| Aroclor-1248 | ND | 50 | 14 | 1 | |
| Aroclor-1254 | 18 | 50 | 12 | 1 | J |
| Aroclor-1260 | ND | 50 | 11 | 1 | |
| Aroclor-1262 | ND | 50 | 12 | 1 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 93 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

| | | | |
|---|---|---|---|
| The Bodhi Group | | Date Received: | 01/16/14 |
| 5480 Baltimore Drive, Suite 207 | | Work Order: | 14-01-0923 |
| La Mesa, CA 91942-2066 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| | | Units: | ug/kg |
| Project: 9067002 | | | Page 3 of 4 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **PBT005-2.0-2.1** | **14-01-0923-5-A** | **01/15/14 16:00** | **Solid** | **GC 31** | **01/20/14** | **01/23/14 19:27** | **140120L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 0.996 | |
| Aroclor-1221 | ND | 50 | 13 | 0.996 | |
| Aroclor-1232 | ND | 50 | 11 | 0.996 | |
| Aroclor-1242 | ND | 50 | 13 | 0.996 | |
| Aroclor-1248 | 150 | 50 | 14 | 0.996 | |
| Aroclor-1254 | 220 | 50 | 12 | 0.996 | |
| Aroclor-1260 | ND | 50 | 11 | 0.996 | |
| Aroclor-1262 | ND | 50 | 12 | 0.996 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 81 | 25-145 | |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1 | |
| Aroclor-1221 | ND | 50 | 13 | 1 | |
| Aroclor-1232 | ND | 50 | 11 | 1 | |
| Aroclor-1242 | ND | 50 | 12 | 1 | |
| Aroclor-1248 | 20 | 50 | 14 | 1 | J |
| Aroclor-1254 | 45 | 50 | 12 | 1 | J |
| Aroclor-1260 | ND | 50 | 11 | 1 | |
| Aroclor-1262 | ND | 50 | 12 | 1 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

| | | | |
|---|---|---|---|
| The Bodhi Group | | Date Received: | 01/16/14 |
| 5480 Baltimore Drive, Suite 207 | | Work Order: | 14-01-0923 |
| La Mesa, CA 91942-2066 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| | | Units: | ug/kg |
| Project: 9067002 | | | Page 4 of 4 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **PBT006-2.1-2.2** | **14-01-0923-7-A** | **01/15/14 16:10** | **Solid** | **GC 31** | **01/20/14** | **01/23/14 20:05** | **140120L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1 | |
| Aroclor-1221 | ND | 50 | 13 | 1 | |
| Aroclor-1232 | ND | 50 | 11 | 1 | |
| Aroclor-1242 | ND | 50 | 12 | 1 | |
| Aroclor-1248 | 260 | 50 | 14 | 1 | |
| Aroclor-1254 | 340 | 50 | 12 | 1 | |
| Aroclor-1260 | ND | 50 | 11 | 1 | |
| Aroclor-1262 | ND | 50 | 12 | 1 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1 | |
| Aroclor-1221 | ND | 50 | 13 | 1 | |
| Aroclor-1232 | ND | 50 | 11 | 1 | |
| Aroclor-1242 | ND | 50 | 12 | 1 | |
| Aroclor-1248 | ND | 50 | 14 | 1 | |
| Aroclor-1254 | ND | 50 | 12 | 1 | |
| Aroclor-1260 | ND | 50 | 11 | 1 | |
| Aroclor-1262 | ND | 50 | 12 | 1 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 113 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| The Bodhi Group | | Date Received: | 01/16/14 |
| 5480 Baltimore Drive, Suite 207 | | Work Order: | 14-01-0923 |
| La Mesa, CA 91942-2066 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: 9067002 | | | Page 1 of 1 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-01-0927-2** | **Sample** | **Solid** | **GC 31** | **01/20/14** | **01/23/14 20:24** | **140120S02** |
| **14-01-0927-2** | **Matrix Spike** | **Solid** | **GC 31** | **01/21/14** | **01/23/14 17:33** | **140120S02** |
| **14-01-0927-2** | **Matrix Spike Duplicate** | **Solid** | **GC 31** | **01/21/14** | **01/23/14 17:52** | **140120S02** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 95.88 | 96 | 98.07 | 98 | 50-135 | 2 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 78.38 | 78 | 79.47 | 79 | 50-135 | 1 | 0-25 | |

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Sample Duplicate

| | | | |
|---|---|---|---|
| The Bodhi Group | | Date Received: | 01/16/14 |
| 5480 Baltimore Drive, Suite 207 | | Work Order: | 14-01-0923 |
| La Mesa, CA 91942-2066 | | Preparation: | N/A |
| | | Method: | ASTM D-2216 (M) |
| Project: 9067002 | | | Page 1 of 1 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | Duplicate Batch Number |
|---|---|---|---|---|---|---|
| **PBT019-1.3-1.4** | **Sample** | **Solid** | **N/A** | **01/20/14 00:00** | **01/20/14 21:30** | **E0120MOID1** |
| **PBT019-1.3-1.4** | **Sample Duplicate** | **Solid** | **N/A** | **01/20/14 00:00** | **01/20/14 21:30** | **E0120MOID1** |

| Parameter | Sample Conc. | DUP Conc. | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|
| Moisture | 5.200 | 5.100 | 2 | 0-10 | |

RPD: Relative Percent Difference. CL: Control Limits



ED_002285_00003663-00012

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

| | | | |
|---|---|---|---|
| The Bodhi Group | | Date Received: | 01/16/14 |
| 5480 Baltimore Drive, Suite 207 | | Work Order: | 14-01-0923 |
| La Mesa, CA 91942-2066 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: 9067002 | | | Page 1 of 1 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| 099-12-535-2454 | LCS | Solid | GC 31 | 01/20/14 | 01/21/14 11:12 | 140120L02 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 103.8 | 104 | 50-135 | |
| Aroclor-1260 | 100.0 | 97.80 | 98 | 50-135 | |

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Sample Analysis Summary Report

Work Order: 14-01-0923



| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| ASTM D-2216 (M) | N/A | 868 | N/A | 1 |
| EPA 8082 | EPA 3545 | 669 | GC 31 | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 14-01-0923



| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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SDG100

# Calscience Environmental Laboratories, Inc.

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(714) 895-5494

☐ NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

## CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: 14-01-0923

Date 1/15/2014

Page 1 of 1

LABORATORY CLIENT: BODHI GROUP

ADDRESS: 5480 BALTIMORE DR #207

CITY: LA MESA STATE: CA ZIP: 91942

TEL: 858 5131469 E-MAIL: sree@thebodhigroup.com

CLIENT PROJECT NAME / NUMBER: 9067002

P.O. NO.:

PROJECT CONTACT: SREE GOPINATH

SAMPLER(S): (PRINT) SCJ WCL

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

EDD W/MDL
JFLAG PDF REPORT

### REQUESTED ANALYSES

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | TPH (g) or GRO | TPH (d) or DRO or (C6-C36) or (C6-C44) | TPH ( ) | BTEX / MTBE (8260) or ( ) | VOCs (8260) | Oxygenates (8260) | En Core / Terra Core Prep (5035) | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | ~~PNAs (8310) or (8270)~~ NO | T22 Metals (6010B/747X) | Cr(VI) [7196 or 7199 or 218.6] | MOISTURE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | PBT019-1.3-1.4 | 1/15/14 | 3 PM | S | 1 | | | | | | | | | | | | | X | X | | | X | | | |
| 2 | PBT019-1.3-14D | | 3 PM | S | 1 | | | | | | | | | | | | | X | X | | | X | | | |
| 3 | PBT008-1.8-1.9 | | 3:21 PM | S | 1 | | | | | | | | | | | | | X | X | | | X | | | |
| 4 | PBT018-2.1-2.2 | | 3:37 PM | S | 1 | | | | | | | | | | | | | X | X | | | X | | | |
| 5 | PBT005-2.0-2.1 | | 4 PM | S | 1 | | | | | | | | | | | | | X | X | | | X | | | |
| 6 | PBT018-2.1-2.2D | | 3:37 | S | 1 | | | | | | | | | | | | | X | X | | | X | | | |
| 7 | PBT006-2.1-2.2 | | 4:10 | S | 1 | | | | | | | | | | | | | X | X | | | X | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) CGL | Date: 01/16/14 | Time: 1605 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) DANNY CGL | Date: 1/16/14 | Time: 19:30 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

09/01/13 Revision



ED_002285_00003663-00016

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-01-0923

# SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: THE BODHI GROUP

DATE: 01/16/14

**TEMPERATURE:** Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 2.0 °C - 0.3 °C (CF) = 1.7 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Checked by: 671

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: 671

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: 739

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☐ | ☑ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☑ | ☐ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☑8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

**Aqueous:** ☐VOA ☐VOAh ☐VOA$na_2$ ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGB$na_2$ ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJ$na_2$ ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** 739

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** 681

Preservative: h: HCL n: $HNO_3$ $na_2$: $Na_2S_2O_3$ na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered **Scanned by:** 681

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-01-0923

# SAMPLE ANOMALY FORM

## SAMPLES - CONTAINERS & LABELS:

Comments:

- ☐ **Sample(s) NOT RECEIVED but listed on COC**
- ☐ **Sample(s) received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s) used** – list test
- ☐ **Improper preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☑ **Sample label(s) do not match COC** – Note in comments
  - ☐ **Sample ID**
  - ☑ **Date and/or Time Collected** — (-6) Collection time per label B 3:21 pm.
  - ☐ **Project Information**
  - ☐ **# of Container(s)**
  - ☐ **Analysis**
- ☐ **Sample container(s) compromised** – Note in comments
  - ☐ **Water present in sample container**
  - ☐ **Broken**
- ☐ **Sample container(s) not labeled**
- ☐ **Air sample container(s) compromised** – Note in comments
  - ☐ **Flat**
  - ☐ **Very low in volume**
  - ☐ **Leaking (Not transferred - duplicate bag submitted)**
  - ☐ **Leaking (transferred into Calscience Tedlar® Bag*)**
  - ☐ **Leaking (transferred into Client's Tedlar® Bag*)**
- ☐ **Other:** _____

## HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

| Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Cont. received | Analysis |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Comments: _____

*Transferred at Client's request.

Initial / Date: 739 01/6/14

SOP T100_090 (08/31/11)