



**United States Environmental Protection Agency
Region 9 Laboratory**

1337 S. 46th Street Building 201
Richmond, CA 94804

Date: 4/13/2011
Subject: Analytical Testing Results - Project R11R03
SDG: DRAFT 11090B
From: Brenda Bettencourt, Director
EPA Region 9 Laboratory
MTS-2
To: Cameron McDonald
RCRA Enforcement Office
WST-3

Attached are the results from the analysis of samples from the **Western Environmental, Inc. 2011 RCRA Inspection** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for DRAFT REPORT, the Lab Project Manager at (510)412-2300.

Analyses included in this report:

Metals by ICP

Percent Solids



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
 Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Cameron McDonald

Project Number: R11R03

Project: Western Environmental, Inc. 2011 RCRA
 Inspection

RCRA Enforcement Office

75 Hawthorne Street

San Francisco CA, 94105

SDG: DRAFT 11090B

Reported: 04/13/11 12:47

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Collected | Date Received |
|----------------|---------------|--------|----------------|----------------|
| DRAFT: CFUA-1 | 1103076-01 | Soil | 02/09/11 14:29 | |
| DRAFT: CFUA-2 | 1103076-02 | Soil | 02/09/11 14:40 | 02/10/11 16:30 |
| DRAFT: CFUA-3 | 1103076-03 | Soil | 02/09/11 14:47 | 02/10/11 16:30 |
| DRAFT: CFUA-4 | 1103076-04 | Soil | 02/09/11 14:57 | |
| DRAFT: CFUA-5 | 1103076-05 | Soil | 02/09/11 14:57 | |
| DRAFT: CFUA-6 | 1103076-06 | Soil | 02/09/11 15:05 | |
| DRAFT: CFUB-1 | 1103076-07 | Soil | 02/09/11 13:09 | |
| DRAFT: CFUB-2 | 1103076-08 | Soil | 02/09/11 13:21 | |
| DRAFT: CFUB-3 | 1103076-09 | Soil | 02/09/11 13:38 | 02/10/11 16:30 |
| DRAFT: CFUB-4 | 1103076-10 | Soil | 02/09/11 13:46 | |
| DRAFT: CFUB-5 | 1103076-11 | Soil | 02/09/11 13:48 | |
| DRAFT: OSPTA-1 | 1103076-12 | Soil | 02/09/11 08:00 | 02/10/11 16:30 |
| DRAFT: OSPTA-2 | 1103076-13 | Soil | 02/09/11 08:00 | |
| DRAFT: OSPTA-3 | 1103076-14 | Soil | 02/09/11 08:26 | |
| DRAFT: OSPTA-4 | 1103076-15 | Soil | 02/09/11 08:42 | |
| DRAFT: OSPTA-5 | 1103076-16 | Soil | 02/09/11 08:58 | |
| DRAFT: OSPTA-6 | 1103076-17 | Soil | 02/09/11 08:58 | |
| DRAFT: ISPPA-1 | 1103076-18 | Soil | 02/09/11 15:36 | |
| DRAFT: ISPPA-2 | 1103076-19 | Soil | 02/09/11 15:43 | |
| DRAFT: ISPPA-3 | 1103076-20 | Soil | 02/09/11 15:49 | 02/10/11 16:30 |
| DRAFT: ISPPA-4 | 1103076-21 | Soil | 02/09/11 15:59 | |
| DRAFT: ISPPA-5 | 1103076-22 | Soil | 02/09/11 16:00 | 02/10/11 16:30 |

SDG ID DRAFT 11090B

Work Order(s)

1103076



United States Environmental Protection Agency

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Inspection

RCRA Enforcement Office

75 Hawthorne Street

San Francisco CA, 94105

SDG: DRAFT 11090B

Reported: 04/13/11 12:47

Sample Results

| Analyte | Reanalysis / Extract | Result | Qualifiers / Comments | Quantitation Limit | Units | Batch | Prepared | Analyzed | Method |
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|

Lab ID: 1103076-01

Soil - Sampled: 02/09/11 14:29

Sample ID: DRAFT: CFUA-1

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|-------|------|-----------|---------|----------|----------|--------------|
| Antimony | | 4.4 | | 2.4 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 28 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Barium | | 430 | | 6.1 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.58 | | 0.12 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 1.7 | | 0.61 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 40 | | 1.2 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 12 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Copper | | 180 | | 4.8 | " | " | " | " | 6010C/SOP503 |
| Lead | | 230 | | 3.6 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 4.2 | C1, J | 6.1 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 47 | | 6.1 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.4 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.76 | C1, J | 1.2 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 6.1 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 56 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 630 | | 9.7 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: CFUA-1

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 83 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-02

Soil - Sampled: 02/09/11 14:40

Sample ID: DRAFT: CFUA-2

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|-------|------|-----------|---------|----------|----------|--------------|
| Antimony | | 2.5 | | 2.4 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 24 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Barium | | 390 | | 6 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.53 | | 0.12 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 2.1 | | 0.60 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 33 | | 1.2 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 12 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Copper | | 150 | | 4.8 | " | " | " | " | 6010C/SOP503 |
| Lead | | 240 | | 3.6 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 4.6 | C1, J | 6 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 45 | | 6 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.4 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.76 | C1, J | 1.2 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 6 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 50 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 650 | | 9.6 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: CFUA-2

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 83 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-03

Soil - Sampled: 02/09/11 14:47

Sample ID: DRAFT: CFUA-3

DRAFT: Metals by EPA 6000/7000 Series Methods



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SDG: DRAFT 11090B

Reported: 04/13/11 12:47

Sample Results

| Analyte | Reanalysis / Extract | Result | Qualifiers / Comments | Quantitation Limit | Units | Batch | Prepared | Analyzed | Method |
|-------------------|-------------------------|---|--------------------------|-----------------------|-----------|---------|----------|----------|--------------|
| Lab ID: | 1103076-03 | Soil - Sampled: 02/09/11 14:47 | | | | | | | |
| Sample ID: | DRAFT: CFUA-3 | DRAFT: Metals by EPA 6000/7000 Series Methods | | | | | | | |
| Antimony | | 3.0 | | 2.4 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 25 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Barium | | 400 | | 6.1 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.59 | | 0.12 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 1.7 | | 0.61 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 33 | | 1.2 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 11 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Copper | | 230 | | 4.9 | " | " | " | " | 6010C/SOP503 |
| Lead | | 270 | | 3.6 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 3.6 | C1, J | 6.1 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 34 | | 6.1 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.4 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.81 | C1, J | 1.2 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 6.1 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 55 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 610 | | 9.7 | " | " | " | " | 6010C/SOP503 |
| Sample ID: | DRAFT: CFUA-3 | DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods | | | | | | | |
| % Solids | | 82 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
| Lab ID: | 1103076-04 | Soil - Sampled: 02/09/11 14:57 | | | | | | | |
| Sample ID: | DRAFT: CFUA-4 | DRAFT: Metals by EPA 6000/7000 Series Methods | | | | | | | |
| Antimony | | 3.6 | | 2.4 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 39 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Barium | | 410 | | 6 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.55 | | 0.12 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 1.7 | | 0.60 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 29 | | 1.2 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 11 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Copper | | 140 | | 4.8 | " | " | " | " | 6010C/SOP503 |
| Lead | | 970 | | 3.6 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 4.0 | C1, J | 6 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 30 | | 6 | " | " | " | " | 6010C/SOP503 |
| Selenium | | 1.4 | C1, J | 2.4 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.64 | C1, J | 1.2 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 6 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 60 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 610 | | 9.6 | " | " | " | " | 6010C/SOP503 |
| Sample ID: | DRAFT: CFUA-4 | DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods | | | | | | | |
| % Solids | | 83 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
| Lab ID: | 1103076-05 | Soil - Sampled: 02/09/11 14:57 | | | | | | | |
| Sample ID: | DRAFT: CFUA-5 | DRAFT: Metals by EPA 6000/7000 Series Methods | | | | | | | |



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Inspection

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75 Hawthorne Street

San Francisco CA, 94105

SDG: DRAFT 11090B

Reported: 04/13/11 12:47

Sample Results

| Analyte | Reanalysis / Extract | Result | Qualifiers / Comments | Quantitation Limit | Units | Batch | Prepared | Analyzed | Method |
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|

Lab ID: 1103076-05

Soil - Sampled: 02/09/11 14:57

Sample ID: DRAFT: CFUA-5

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|-----------|------|-----------|---------|----------|----------|--------------|
| Antimony | | 4.0 | J, Q4 | 2.4 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 26 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Barium | | 380 | | 6 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.55 | | 0.12 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 1.7 | | 0.60 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 36 | | 1.2 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 11 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Copper | | 130 | J, Q4, Q6 | 4.8 | " | " | " | " | 6010C/SOP503 |
| Lead | | 260 | J, Q4 | 3.6 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 3.5 | C1, J | 6 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 32 | | 6 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.4 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.72 | C1, J | 1.2 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 6 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 51 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 630 | | 9.7 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: CFUA-5

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 83 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-06

Soil - Sampled: 02/09/11 15:05

Sample ID: DRAFT: CFUA-6

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|-------|------|-----------|---------|----------|----------|--------------|
| Antimony | | 4.3 | | 2.4 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 32 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Barium | | 390 | | 6 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.60 | | 0.12 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 1.9 | | 0.60 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 37 | | 1.2 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 12 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Copper | | 200 | | 4.8 | " | " | " | " | 6010C/SOP503 |
| Lead | | 280 | | 3.6 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 5.4 | C1, J | 6 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 42 | | 6 | " | " | " | " | 6010C/SOP503 |
| Selenium | | 3.6 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.77 | C1, J | 1.2 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 6 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 57 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 690 | | 9.6 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: CFUA-6

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 83 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-07

Soil - Sampled: 02/09/11 13:09

Sample ID: DRAFT: CFUB-1

DRAFT: Metals by EPA 6000/7000 Series Methods



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Project Manager: Cameron McDonald

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SDG: DRAFT 11090B

Project Number: R11R03

75 Hawthorne Street

Reported: 04/13/11 12:47

Project: Western Environmental, Inc. 2011 RCRA
Inspection

San Francisco CA, 94105

Sample Results

| Analyte | Reanalysis / Extract | Result | Qualifiers / Comments | Quantitation Limit | Units | Batch | Prepared | Analyzed | Method |
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|

Lab ID: 1103076-07

Soil - Sampled: 02/09/11 13:09

Sample ID: DRAFT: CFUB-1

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|-------|------|-----------|---------|----------|----------|--------------|
| Antimony | | 4.5 | | 2.2 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 14 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Barium | | 340 | | 5.5 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.44 | | 0.11 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 1.6 | | 0.55 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 26 | | 1.1 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 16 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Copper | | 110 | | 4.4 | " | " | " | " | 6010C/SOP503 |
| Lead | | 230 | | 3.3 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | ND | U | 5.5 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 26 | | 5.5 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.2 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.59 | C1, J | 1.1 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 5.5 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 45 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 670 | | 8.9 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: CFUB-1

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 90 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-08

Soil - Sampled: 02/09/11 13:21

Sample ID: DRAFT: CFUB-2

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|-------|------|-----------|---------|----------|----------|--------------|
| Antimony | | 4.1 | | 2.2 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 14 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Barium | | 480 | | 5.6 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.47 | | 0.11 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 1.5 | | 0.56 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 28 | | 1.1 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 11 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Copper | | 230 | | 4.5 | " | " | " | " | 6010C/SOP503 |
| Lead | | 210 | | 3.4 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | ND | U | 5.6 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 31 | | 5.6 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.2 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.56 | C1, J | 1.1 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 5.6 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 50 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 560 | | 9 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: CFUB-2

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 89 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-09

Soil - Sampled: 02/09/11 13:38

Sample ID: DRAFT: CFUB-3

DRAFT: Metals by EPA 6000/7000 Series Methods

Report ID: 1103076 DRAFT 04 13 11 1247



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| | | |
|--|--------------------------------|---------------------------------|
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| Project Number: R11R03 | 75 Hawthorne Street | Reported: 04/13/11 12:47 |
| Project: Western Environmental, Inc. 2011 RCRA Inspection | San Francisco CA, 94105 | |

Sample Results

| Analyte | Reanalysis / Extract | Result | Qualifiers / Comments | Quantitation Limit | Units | Batch | Prepared | Analyzed | Method |
|-------------------|----------------------|--|-----------------------|--------------------|-----------|---------|----------|----------|--------------|
| Lab ID: | 1103076-09 | Soil - Sampled: 02/09/11 13:38 | | | | | | | |
| Sample ID: | DRAFT: CFUB-3 | DRAFT: Metals by EPA 6000/7000 Series Methods | | | | | | | |
| Antimony | | 4.4 | | 2.3 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 20 | | 2.3 | " | " | " | " | 6010C/SOP503 |
| Barium | | 430 | | 5.7 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.50 | | 0.11 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 1.6 | | 0.57 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 36 | | 1.1 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 17 | | 2.3 | " | " | " | " | 6010C/SOP503 |
| Copper | | 160 | | 4.6 | " | " | " | " | 6010C/SOP503 |
| Lead | | 230 | | 3.4 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | ND | U | 5.7 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 42 | | 5.7 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.3 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.64 | C1, J | 1.1 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 5.7 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 57 | | 2.3 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 720 | | 9.1 | " | " | " | " | 6010C/SOP503 |

| | | | | | | | | | |
|-------------------|----------------------|---|--|---|---|---------|----------|----------|--------------|
| Sample ID: | DRAFT: CFUB-3 | DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods | | | | | | | |
| % Solids | | 87 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |

Lab ID: 1103076-10 **Soil - Sampled: 02/09/11 13:46**

| | | | | | | | | | |
|-------------------|----------------------|--|-----------|------|-----------|---------|----------|----------|--------------|
| Sample ID: | DRAFT: CFUB-4 | DRAFT: Metals by EPA 6000/7000 Series Methods | | | | | | | |
| Antimony | | 3.8 | J, Q4, Q6 | 2.3 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 21 | | 2.3 | " | " | " | " | 6010C/SOP503 |
| Barium | | 380 | J, Q4, Q6 | 5.8 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.50 | | 0.12 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 2.3 | | 0.58 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 33 | J, Q4 | 1.2 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 12 | | 2.3 | " | " | " | " | 6010C/SOP503 |
| Copper | | 130 | J, Q4 | 4.7 | " | " | " | " | 6010C/SOP503 |
| Lead | | 240 | J, Q4 | 3.5 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 3.7 | C1, J | 5.8 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 47 | | 5.8 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.3 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.67 | C1, J | 1.2 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 5.8 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 55 | | 2.3 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 750 | J, Q6 | 9.3 | " | " | " | " | 6010C/SOP503 |

| | | | | | | | | | |
|-------------------|----------------------|---|--|---|---|---------|----------|----------|--------------|
| Sample ID: | DRAFT: CFUB-4 | DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods | | | | | | | |
| % Solids | | 86 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |

Lab ID: 1103076-11 **Soil - Sampled: 02/09/11 13:48**

Sample ID: DRAFT: CFUB-5 **DRAFT: Metals by EPA 6000/7000 Series Methods**



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Cameron McDonald

RCRA Enforcement Office

SDG: DRAFT 11090B

Project Number: R11R03

75 Hawthorne Street

Reported: 04/13/11 12:47

Project: Western Environmental, Inc. 2011 RCRA
Inspection

San Francisco CA, 94105

Sample Results

| Analyte | Reanalysis / Extract | Result | Qualifiers / Comments | Quantitation Limit | Units | Batch | Prepared | Analyzed | Method |
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|

Lab ID: 1103076-11

Soil - Sampled: 02/09/11 13:48

Sample ID: DRAFT: CFUB-5

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|-------|------|-----------|---------|----------|----------|--------------|
| Antimony | | 3.7 | | 2.3 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 21 | | 2.3 | " | " | " | " | 6010C/SOP503 |
| Barium | | 430 | | 5.8 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.46 | | 0.12 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 1.6 | | 0.58 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 29 | | 1.2 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 12 | | 2.3 | " | " | " | " | 6010C/SOP503 |
| Copper | | 120 | | 4.6 | " | " | " | " | 6010C/SOP503 |
| Lead | | 220 | | 3.5 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | ND | U | 5.8 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 30 | | 5.8 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.3 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.62 | C1, J | 1.2 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 5.8 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 52 | | 2.3 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 530 | | 9.2 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: CFUB-5

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 87 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-12

Soil - Sampled: 02/09/11 08:00

Sample ID: DRAFT: OSPTA-1

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|-------|-------|------|-----------|---------|----------|----------|--------------|
| Antimony | | ND | U | 2.4 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 6.6 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Barium | | 1,300 | | 6 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.46 | | 0.12 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 0.46 | C1, J | 0.60 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 27 | | 1.2 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 7.6 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Copper | | 43 | | 4.8 | " | " | " | " | 6010C/SOP503 |
| Lead | | 55 | | 3.6 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 7.9 | | 6 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 39 | | 6 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.4 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.60 | C1, J | 1.2 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 6 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 58 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 150 | | 9.6 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: OSPTA-1

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 83 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-13

Soil - Sampled: 02/09/11 08:00

Sample ID: DRAFT: OSPTA-2

DRAFT: Metals by EPA 6000/7000 Series Methods

Report ID: 1103076 DRAFT 04 13 11 1247



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
 Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Cameron McDonald

RCRA Enforcement Office

SDG: DRAFT 11090B

Project Number: R11R03

75 Hawthorne Street

Reported: 04/13/11 12:47

Project: Western Environmental, Inc. 2011 RCRA
 Inspection

San Francisco CA, 94105

Sample Results

| Analyte | Reanalysis / Extract | Result | Qualifiers / Comments | Quantitation Limit | Units | Batch | Prepared | Analyzed | Method |
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|

Lab ID: 1103076-13

Soil - Sampled: 02/09/11 08:00

Sample ID: DRAFT: OSPTA-2

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|-------|------|-----------|---------|----------|----------|--------------|
| Antimony | | ND | U | 2.2 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 4.1 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Barium | | 250 | | 5.6 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.33 | | 0.11 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 0.48 | C1, J | 0.56 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 17 | | 1.1 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 5.5 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Copper | | 24 | | 4.5 | " | " | " | " | 6010C/SOP503 |
| Lead | | 110 | | 3.3 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | ND | U | 5.6 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 12 | | 5.6 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.2 | " | " | " | " | 6010C/SOP503 |
| Silver | | ND | U | 1.1 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 5.6 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 41 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 120 | | 8.9 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: OSPTA-2

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 90 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-14

Soil - Sampled: 02/09/11 08:26

Sample ID: DRAFT: OSPTA-3

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|-------|------|-----------|---------|----------|----------|--------------|
| Antimony | | ND | U | 2.6 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 11 | | 2.6 | " | " | " | " | 6010C/SOP503 |
| Barium | | 120 | | 6.6 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.22 | | 0.13 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 0.44 | C1, J | 0.66 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 22 | | 1.3 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 4.1 | | 2.6 | " | " | " | " | 6010C/SOP503 |
| Copper | | 24 | | 5.3 | " | " | " | " | 6010C/SOP503 |
| Lead | | 42 | | 4 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 9.1 | | 6.6 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 14 | | 6.6 | " | " | " | " | 6010C/SOP503 |
| Selenium | | 16 | | 2.6 | " | " | " | " | 6010C/SOP503 |
| Silver | | ND | U | 1.3 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 6.6 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 38 | | 2.6 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 85 | | 11 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: OSPTA-3

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 70 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-15

Soil - Sampled: 02/09/11 08:42



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

| | | |
|--|--------------------------------|---------------------------------|
| Project Manager: Cameron McDonald | RCRA Enforcement Office | SDG: DRAFT 11090B |
| Project Number: R11R03 | 75 Hawthorne Street | Reported: 04/13/11 12:47 |
| Project: Western Environmental, Inc. 2011 RCRA Inspection | San Francisco CA, 94105 | |

Sample Results

| Analyte | Reanalysis / Extract | Result | Qualifiers / Comments | Quantitation Limit | Units | Batch | Prepared | Analyzed | Method |
|-------------------|-----------------------|--------|-----------------------|--------------------|-----------|--|----------|---------------------------------------|--------------|
| Lab ID: | 1103076-15 | | | | | | | Soil - Sampled: 02/09/11 08:42 | |
| Sample ID: | DRAFT: OSPTA-4 | | | | | DRAFT: Metals by EPA 6000/7000 Series Methods | | | |
| Antimony | | 2.7 | | 2.1 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 3.7 | | 2.1 | " | " | " | " | 6010C/SOP503 |
| Barium | | 99 | | 5.4 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.31 | | 0.11 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 0.36 | C1, J | 0.54 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 15 | | 1.1 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 5.5 | | 2.1 | " | " | " | " | 6010C/SOP503 |
| Copper | | 24 | | 4.3 | " | " | " | " | 6010C/SOP503 |
| Lead | | 460 | | 3.2 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | ND | U | 5.4 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 8.2 | | 5.4 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.1 | " | " | " | " | 6010C/SOP503 |
| Silver | | ND | U | 1.1 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 5.4 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 40 | | 2.1 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 110 | | 8.6 | " | " | " | " | 6010C/SOP503 |

| | | | | | | | | | |
|-------------------|-----------------------|----|--|---|---|---|----------|----------|--------------|
| Sample ID: | DRAFT: OSPTA-4 | | | | | DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods | | | |
| % Solids | | 93 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |

Lab ID: 1103076-16 **Soil - Sampled: 02/09/11 08:58**

| | | | | | | | | | |
|-------------------|-----------------------|------|---|------|-----------|--|----------|----------|--------------|
| Sample ID: | DRAFT: OSPTA-5 | | | | | DRAFT: Metals by EPA 6000/7000 Series Methods | | | |
| Antimony | | ND | U | 3 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 6.6 | | 3 | " | " | " | " | 6010C/SOP503 |
| Barium | | 250 | | 7.4 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.43 | | 0.15 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | ND | U | 0.74 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 28 | | 1.5 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 7.0 | | 3 | " | " | " | " | 6010C/SOP503 |
| Copper | | 33 | | 6 | " | " | " | " | 6010C/SOP503 |
| Lead | | 30 | | 4.5 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 8.7 | | 7.4 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 14 | | 7.4 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 3 | " | " | " | " | 6010C/SOP503 |
| Silver | | ND | U | 1.5 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 7.4 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 45 | | 3 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 100 | | 12 | " | " | " | " | 6010C/SOP503 |

| | | | | | | | | | |
|-------------------|-----------------------|----|--|---|---|---|----------|----------|--------------|
| Sample ID: | DRAFT: OSPTA-5 | | | | | DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods | | | |
| % Solids | | 67 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |

Lab ID: 1103076-17 **Soil - Sampled: 02/09/11 08:58**



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Cameron McDonald

RCRA Enforcement Office

SDG: DRAFT 11090B

Project Number: R11R03

75 Hawthorne Street

Reported: 04/13/11 12:47

Project: Western Environmental, Inc. 2011 RCRA
Inspection

San Francisco CA, 94105

Sample Results

| Analyte | Reanalysis / Extract | Result | Qualifiers / Comments | Quantitation Limit | Units | Batch | Prepared | Analyzed | Method |
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|

Lab ID: 1103076-17

Soil - Sampled: 02/09/11 08:58

Sample ID: DRAFT: OSPTA-6

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|-------|------|-----------|---------|----------|----------|--------------|
| Antimony | | ND | U | 3 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 6.3 | | 3 | " | " | " | " | 6010C/SOP503 |
| Barium | | 280 | | 7.4 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.38 | | 0.15 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 0.39 | C1, J | 0.74 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 26 | | 1.5 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 6.7 | | 3 | " | " | " | " | 6010C/SOP503 |
| Copper | | 33 | | 5.9 | " | " | " | " | 6010C/SOP503 |
| Lead | | 31 | | 4.5 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 8.5 | | 7.4 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 14 | | 7.4 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 3 | " | " | " | " | 6010C/SOP503 |
| Silver | | ND | U | 1.5 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 7.4 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 42 | | 3 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 100 | | 12 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: OSPTA-6

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 67 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-18

Soil - Sampled: 02/09/11 15:36

Sample ID: DRAFT: ISPPA-1

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|-------|------|-----------|---------|----------|----------|--------------|
| Antimony | | 4.5 | | 2.4 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 46 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Barium | | 390 | | 5.9 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.52 | | 0.12 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 2.1 | | 0.59 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 78 | | 1.2 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 14 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Copper | | 220 | | 4.7 | " | " | " | " | 6010C/SOP503 |
| Lead | | 260 | | 3.5 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 5.1 | C1, J | 5.9 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 73 | | 5.9 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.4 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.81 | C1, J | 1.2 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 5.9 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 67 | | 2.4 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 950 | | 9.4 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: ISPPA-1

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 85 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-19

Soil - Sampled: 02/09/11 15:43

Sample ID: DRAFT: ISPPA-2

DRAFT: Metals by EPA 6000/7000 Series Methods

Report ID: 1103076 DRAFT 04 13 11 1247



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804

Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Cameron McDonald

Project Number: R11R03

Project: Western Environmental, Inc. 2011 RCRA
Inspection

RCRA Enforcement Office

75 Hawthorne Street

San Francisco CA, 94105

SDG: DRAFT 11090B

Reported: 04/13/11 12:47

Sample Results

| Analyte | Reanalysis / Extract | Result | Qualifiers / Comments | Quantitation Limit | Units | Batch | Prepared | Analyzed | Method |
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|
|---------|-------------------------|--------|--------------------------|-----------------------|-------|-------|----------|----------|--------|

Lab ID: 1103076-19

Soil - Sampled: 02/09/11 15:43

Sample ID: DRAFT: ISPPA-2

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|-------|---|------|-----------|---------|----------|----------|--------------|
| Antimony | | 4.7 | | 2.3 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 29 | | 2.3 | " | " | " | " | 6010C/SOP503 |
| Barium | | 340 | | 5.8 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.39 | | 0.12 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 2.5 | | 0.58 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 39 | | 1.2 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 12 | | 2.3 | " | " | " | " | 6010C/SOP503 |
| Copper | | 5,300 | | 4.6 | " | " | " | " | 6010C/SOP503 |
| Lead | | 220 | | 3.5 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 5.8 | | 5.8 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 320 | | 5.8 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.3 | " | " | " | " | 6010C/SOP503 |
| Silver | | 3.8 | | 1.2 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 5.8 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 53 | | 2.3 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 2,300 | | 9.3 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: ISPPA-2

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 86 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-20

Soil - Sampled: 02/09/11 15:49

Sample ID: DRAFT: ISPPA-3

DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|-------|------|-----------|---------|----------|----------|--------------|
| Antimony | | 4.2 | | 2.2 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 40 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Barium | | 350 | | 5.6 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.49 | | 0.11 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 2.1 | | 0.56 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 53 | | 1.1 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 16 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Copper | | 310 | | 4.5 | " | " | " | " | 6010C/SOP503 |
| Lead | | 230 | | 3.4 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | 3.9 | C1, J | 5.6 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 67 | | 5.6 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.2 | " | " | " | " | 6010C/SOP503 |
| Silver | | 0.85 | C1, J | 1.1 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 5.6 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 64 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 920 | | 9 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: ISPPA-3

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 89 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-21

Soil - Sampled: 02/09/11 15:59

Sample ID: DRAFT: ISPPA-4

DRAFT: Metals by EPA 6000/7000 Series Methods



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
 Phone:(510) 412-2300 Fax:(510) 412-2302

| | | |
|--|--------------------------------|---------------------------------|
| Project Manager: Cameron McDonald | RCRA Enforcement Office | SDG: DRAFT 11090B |
| Project Number: R11R03 | 75 Hawthorne Street | Reported: 04/13/11 12:47 |
| Project: Western Environmental, Inc. 2011 RCRA Inspection | San Francisco CA, 94105 | |

Sample Results

| Analyte | Reanalysis / Extract | Result | Qualifiers / Comments | Quantitation Limit | Units | Batch | Prepared | Analyzed | Method |
|---------|----------------------|--------|-----------------------|--------------------|-------|-------|----------|----------|--------|
|---------|----------------------|--------|-----------------------|--------------------|-------|-------|----------|----------|--------|

Lab ID: 1103076-21 Soil - Sampled: 02/09/11 15:59

Sample ID: DRAFT: ISPPA-4 DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|---|------|-----------|---------|----------|----------|--------------|
| Antimony | | ND | U | 2.2 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 2.4 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Barium | | 65 | | 5.4 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.35 | | 0.11 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | ND | U | 0.54 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 14 | | 1.1 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 6.0 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Copper | | 15 | | 4.3 | " | " | " | " | 6010C/SOP503 |
| Lead | | 56 | | 3.2 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | ND | U | 5.4 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 6.6 | | 5.4 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.2 | " | " | " | " | 6010C/SOP503 |
| Silver | | ND | U | 1.1 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 5.4 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 36 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 71 | | 8.6 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: ISPPA-4 DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 93 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|

Lab ID: 1103076-22 Soil - Sampled: 02/09/11 16:00

Sample ID: DRAFT: ISPPA-5 DRAFT: Metals by EPA 6000/7000 Series Methods

| | | | | | | | | | |
|------------|--|------|---|------|-----------|---------|----------|----------|--------------|
| Antimony | | ND | U | 2.2 | mg/kg dry | B1D0006 | 04/04/11 | 04/12/11 | 6010C/SOP503 |
| Arsenic | | 2.4 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Barium | | 130 | | 5.4 | " | " | " | " | 6010C/SOP503 |
| Beryllium | | 0.35 | | 0.11 | " | " | " | " | 6010C/SOP503 |
| Cadmium | | 0.54 | | 0.54 | " | " | " | " | 6010C/SOP503 |
| Chromium | | 16 | | 1.1 | " | " | " | " | 6010C/SOP503 |
| Cobalt | | 7.6 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Copper | | 25 | | 4.3 | " | " | " | " | 6010C/SOP503 |
| Lead | | 160 | | 3.2 | " | " | " | " | 6010C/SOP503 |
| Molybdenum | | ND | U | 5.4 | " | " | " | " | 6010C/SOP503 |
| Nickel | | 8.2 | | 5.4 | " | " | " | " | 6010C/SOP503 |
| Selenium | | ND | U | 2.2 | " | " | " | " | 6010C/SOP503 |
| Silver | | ND | U | 1.1 | " | " | " | " | 6010C/SOP503 |
| Thallium | | ND | U | 5.4 | " | " | " | " | 6010C/SOP503 |
| Vanadium | | 37 | | 2.2 | " | " | " | " | 6010C/SOP503 |
| Zinc | | 190 | | 8.6 | " | " | " | " | 6010C/SOP503 |

Sample ID: DRAFT: ISPPA-5 DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

| | | | | | | | | | |
|----------|--|----|--|---|---|---------|----------|----------|--------------|
| % Solids | | 93 | | 1 | % | B1D0045 | 02/21/11 | 04/11/11 | 3550C/SOP460 |
|----------|--|----|--|---|---|---------|----------|----------|--------------|



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
 Phone:(510) 412-2300 Fax:(510) 412-2302

| | | |
|--|--------------------------------|---------------------------------|
| Project Manager: Cameron McDonald | RCRA Enforcement Office | SDG: DRAFT 11090B |
| Project Number: R11R03 | 75 Hawthorne Street | Reported: 04/13/11 12:47 |
| Project: Western Environmental, Inc. 2011 RCRA Inspection | San Francisco CA, 94105 | |

Quality Control

| Analyte | Result | Qualifiers / Comments | Quantitation Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------------|--------------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------------|--------------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch B1D0006 - 3050B Sld Acid Dig - Metals by 6010

Prepared: 04/04/11 Analyzed: 04/12/11

DRAFT: Metals by EPA 6000/7000 Series Methods - Quality Control

Blank (B1D0006-BLK1)

| | | | | | | | | | | |
|------------|----|---|--|-------------|--|--|--|--|--|--|
| Antimony | ND | U | | 2 mg/kg wet | | | | | | |
| Arsenic | ND | U | | 2 " | | | | | | |
| Barium | ND | U | | 5 " | | | | | | |
| Beryllium | ND | U | | 0.1 " | | | | | | |
| Cadmium | ND | U | | 0.5 " | | | | | | |
| Chromium | ND | U | | 1 " | | | | | | |
| Cobalt | ND | U | | 2 " | | | | | | |
| Copper | ND | U | | 4 " | | | | | | |
| Lead | ND | U | | 3 " | | | | | | |
| Molybdenum | ND | U | | 5 " | | | | | | |
| Nickel | ND | U | | 5 " | | | | | | |
| Selenium | ND | U | | 2 " | | | | | | |
| Silver | ND | U | | 1 " | | | | | | |
| Thallium | ND | U | | 5 " | | | | | | |
| Vanadium | ND | U | | 2 " | | | | | | |
| Zinc | ND | U | | 8 " | | | | | | |

Blank (B1D0006-BLK2)

| | | | | | | | | | | |
|------------|----|---|--|-------------|--|--|--|--|--|--|
| Antimony | ND | U | | 2 mg/kg wet | | | | | | |
| Arsenic | ND | U | | 2 " | | | | | | |
| Barium | ND | U | | 5 " | | | | | | |
| Beryllium | ND | U | | 0.1 " | | | | | | |
| Cadmium | ND | U | | 0.5 " | | | | | | |
| Chromium | ND | U | | 1 " | | | | | | |
| Cobalt | ND | U | | 2 " | | | | | | |
| Copper | ND | U | | 4 " | | | | | | |
| Lead | ND | U | | 3 " | | | | | | |
| Molybdenum | ND | U | | 5 " | | | | | | |
| Nickel | ND | U | | 5 " | | | | | | |
| Selenium | ND | U | | 2 " | | | | | | |
| Silver | ND | U | | 1 " | | | | | | |
| Thallium | ND | U | | 5 " | | | | | | |
| Vanadium | ND | U | | 2 " | | | | | | |
| Zinc | ND | U | | 8 " | | | | | | |

Matrix Spike (B1D0006-MS1)

Source: 1103076-05

| | | | | | | | | | | |
|-----------|------|--|--|---------------|------|-------|----|--------|--|----|
| Antimony | 49.3 | | | 2.4 mg/kg dry | 120 | 4.04 | 38 | 75-125 | | 20 |
| Arsenic | 467 | | | 2.4 " | 479 | 25.9 | 92 | 75-125 | | 20 |
| Barium | 833 | | | 6 " | 479 | 384 | 94 | 75-125 | | 20 |
| Beryllium | 12.1 | | | 0.12 " | 12.0 | 0.552 | 97 | 75-125 | | 20 |
| Cadmium | 11.7 | | | 0.6 " | 12.0 | 1.7 | 84 | 75-125 | | 20 |
| Chromium | 71.9 | | | 1.2 " | 47.9 | 36.4 | 74 | 75-125 | | 20 |



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
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| | | |
|--|--------------------------------|---------------------------------|
| Project Manager: Cameron McDonald | RCRA Enforcement Office | SDG: DRAFT 11090B |
| Project Number: R11R03 | 75 Hawthorne Street | Reported: 04/13/11 12:47 |
| Project: Western Environmental, Inc. 2011 RCRA Inspection | San Francisco CA, 94105 | |

Quality Control

| Analyte | Result | Qualifiers / Comments | Quantitation Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------------|--------------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------------|--------------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch B1D0006 - 3050B Sld Acid Dig - Metals by 6010

Prepared: 04/04/11 Analyzed: 04/12/11

DRAFT: Metals by EPA 6000/7000 Series Methods - Quality Control

Matrix Spike (B1D0006-MS1)

Source: 1103076-05

| | | | | | | | | | | |
|------------|------|-----|-----|---|------|------|------------|--------|--|----|
| Cobalt | 118 | | 2.4 | " | 120 | 11.4 | 89 | 75-125 | | 20 |
| Copper | 278 | | 4.8 | " | 59.9 | 133 | 242 | 75-125 | | 20 |
| Lead | 316 | | 3.6 | " | 120 | 259 | 48 | 75-125 | | 20 |
| Molybdenum | 111 | | 6 | " | 120 | 3.53 | 89 | 75-125 | | 20 |
| Nickel | 136 | | 6 | " | 120 | 32.4 | 86 | 75-125 | | 20 |
| Selenium | 432 | | 2.4 | " | 479 | ND | 90 | 75-125 | | 20 |
| Silver | 12.3 | | 1.2 | " | 12.0 | 0.72 | 97 | 75-125 | | 20 |
| Thallium | 406 | | 6 | " | 479 | ND | 85 | 75-125 | | 20 |
| Vanadium | 168 | | 2.4 | " | 120 | 50.6 | 98 | 75-125 | | 20 |
| Zinc | 624 | Q10 | 9.7 | " | 120 | 630 | NR | 75-125 | | 20 |

Matrix Spike (B1D0006-MS2)

Source: 1103076-10

| | | | | | | | | | | |
|------------|-------|-----|------|-----------|------|-------|------------|--------|--|----|
| Antimony | 86.2 | | 2.3 | mg/kg dry | 113 | 3.85 | 73 | 75-125 | | 20 |
| Arsenic | 426 | | 2.3 | " | 451 | 21.2 | 90 | 75-125 | | 20 |
| Barium | 2,220 | | 5.8 | " | 451 | 384 | 406 | 75-125 | | 20 |
| Beryllium | 11.3 | | 0.12 | " | 11.3 | 0.503 | 96 | 75-125 | | 20 |
| Cadmium | 11.6 | | 0.58 | " | 11.3 | 2.28 | 82 | 75-125 | | 20 |
| Chromium | 70.3 | | 1.2 | " | 45.1 | 33.4 | 82 | 75-125 | | 20 |
| Cobalt | 112 | | 2.3 | " | 113 | 12 | 89 | 75-125 | | 20 |
| Copper | 164 | | 4.7 | " | 56.4 | 131 | 58 | 75-125 | | 20 |
| Lead | 384 | | 3.5 | " | 113 | 240 | 128 | 75-125 | | 20 |
| Molybdenum | 99.7 | | 5.8 | " | 113 | 3.72 | 85 | 75-125 | | 20 |
| Nickel | 136 | | 5.8 | " | 113 | 46.7 | 79 | 75-125 | | 20 |
| Selenium | 390 | | 2.3 | " | 451 | ND | 86 | 75-125 | | 20 |
| Silver | 11.4 | | 1.2 | " | 11.3 | 0.674 | 95 | 75-125 | | 20 |
| Thallium | 376 | | 5.8 | " | 451 | ND | 83 | 75-125 | | 20 |
| Vanadium | 163 | | 2.3 | " | 113 | 54.9 | 96 | 75-125 | | 20 |
| Zinc | 1,020 | Q10 | 9.3 | " | 113 | 752 | 240 | 75-125 | | 20 |

Matrix Spike Dup (B1D0006-MSD1)

Source: 1103076-05

| | | | | | | | | | | |
|------------|------|--|------|-----------|------|-------|-----------|--------|-----------|----|
| Antimony | 50.2 | | 2.4 | mg/kg dry | 120 | 4.04 | 39 | 75-125 | 2 | 20 |
| Arsenic | 460 | | 2.4 | " | 479 | 25.9 | 91 | 75-125 | 2 | 20 |
| Barium | 828 | | 6 | " | 479 | 384 | 93 | 75-125 | 0.6 | 20 |
| Beryllium | 12.1 | | 0.12 | " | 12.0 | 0.552 | 97 | 75-125 | 0.2 | 20 |
| Cadmium | 11.7 | | 0.6 | " | 12.0 | 1.7 | 83 | 75-125 | 0.5 | 20 |
| Chromium | 70.7 | | 1.2 | " | 47.9 | 36.4 | 72 | 75-125 | 2 | 20 |
| Cobalt | 118 | | 2.4 | " | 120 | 11.4 | 89 | 75-125 | 0.2 | 20 |
| Copper | 179 | | 4.8 | " | 59.9 | 133 | 77 | 75-125 | 43 | 20 |
| Lead | 328 | | 3.6 | " | 120 | 259 | 58 | 75-125 | 4 | 20 |
| Molybdenum | 108 | | 6 | " | 120 | 3.53 | 87 | 75-125 | 3 | 20 |
| Nickel | 137 | | 6 | " | 120 | 32.4 | 87 | 75-125 | 1 | 20 |
| Selenium | 427 | | 2.4 | " | 479 | ND | 89 | 75-125 | 1 | 20 |



United States Environmental Protection Agency

Region 9 Laboratory

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| | | |
|--|--------------------------------|---------------------------------|
| Project Manager: Cameron McDonald | RCRA Enforcement Office | SDG: DRAFT 11090B |
| Project Number: R11R03 | 75 Hawthorne Street | Reported: 04/13/11 12:47 |
| Project: Western Environmental, Inc. 2011 RCRA Inspection | San Francisco CA, 94105 | |

Quality Control

| Analyte | Result | Qualifiers / Comments | Quantitation Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------------|--------------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------------|--------------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch B1D0006 - 3050B Sld Acid Dig - Metals by 6010

Prepared: 04/04/11 Analyzed: 04/12/11

DRAFT: Metals by EPA 6000/7000 Series Methods - Quality Control

Matrix Spike Dup (B1D0006-MSD1)

Source: 1103076-05

| | | | | | | | | | | |
|----------|------|-----|--|-------|------|------|----|--------|-----|----|
| Silver | 12.2 | | | 1.2 " | 12.0 | 0.72 | 96 | 75-125 | 0.7 | 20 |
| Thallium | 400 | | | 6 " | 479 | ND | 84 | 75-125 | 1 | 20 |
| Vanadium | 165 | | | 2.4 " | 120 | 50.6 | 96 | 75-125 | 2 | 20 |
| Zinc | 653 | Q10 | | 9.7 " | 120 | 630 | 19 | 75-125 | 4 | 20 |

Matrix Spike Dup (B1D0006-MSD2)

Source: 1103076-10

| | | | | | | | | | | |
|------------|------|-----|--|---------------|------|-------|-----|--------|----|----|
| Antimony | 58.1 | | | 2.3 mg/kg dry | 116 | 3.85 | 47 | 75-125 | 39 | 20 |
| Arsenic | 442 | | | 2.3 " | 465 | 21.2 | 90 | 75-125 | 4 | 20 |
| Barium | 832 | | | 5.8 " | 465 | 384 | 96 | 75-125 | 91 | 20 |
| Beryllium | 11.8 | | | 0.12 " | 11.6 | 0.503 | 97 | 75-125 | 4 | 20 |
| Cadmium | 11.7 | | | 0.58 " | 11.6 | 2.28 | 81 | 75-125 | 1 | 20 |
| Chromium | 72.8 | | | 1.2 " | 46.5 | 33.4 | 85 | 75-125 | 4 | 20 |
| Cobalt | 118 | | | 2.3 " | 116 | 12 | 91 | 75-125 | 5 | 20 |
| Copper | 181 | | | 4.7 " | 58.1 | 131 | 86 | 75-125 | 10 | 20 |
| Lead | 369 | | | 3.5 " | 116 | 240 | 111 | 75-125 | 4 | 20 |
| Molybdenum | 103 | | | 5.8 " | 116 | 3.72 | 85 | 75-125 | 3 | 20 |
| Nickel | 138 | | | 5.8 " | 116 | 46.7 | 78 | 75-125 | 1 | 20 |
| Selenium | 405 | | | 2.3 " | 465 | ND | 87 | 75-125 | 4 | 20 |
| Silver | 11.9 | | | 1.2 " | 11.6 | 0.674 | 97 | 75-125 | 4 | 20 |
| Thallium | 388 | | | 5.8 " | 465 | ND | 83 | 75-125 | 3 | 20 |
| Vanadium | 168 | | | 2.3 " | 116 | 54.9 | 98 | 75-125 | 3 | 20 |
| Zinc | 709 | Q10 | | 9.3 " | 116 | 752 | NR | 75-125 | 36 | 20 |

Reference (B1D0006-SRM1)

| | | | | | | | | | | |
|-----------|-------|---|--|-------------|------|--|-----|--------------|--|--|
| Antimony | 54.2 | | | 2 mg/kg wet | 66.0 | | 82 | .182-157.57 | | |
| Arsenic | 236 | | | 2 " | 253 | | 93 | .087-139.13 | | |
| Barium | ND | U | | 5 " | 1.60 | | | 62.5-137.5 | | |
| Beryllium | 4.5 | | | 0.1 " | 4.90 | | 92 | .224-138.77 | | |
| Cadmium | 9.41 | | | 0.5 " | 10.9 | | 86 | .642-128.44 | | |
| Chromium | 25.3 | | | 1 " | 27.1 | | 93 | .266-131.73 | | |
| Cobalt | 33.6 | | | 2 " | 37.4 | | 90 | .471-135.294 | | |
| Copper | 1,420 | | | 4 " | 1770 | | 80 | .576-125.98 | | |
| Lead | 51.4 | | | 3 " | 56.9 | | 90 | .759-127.24 | | |
| Nickel | 14.1 | | | 5 " | 16.3 | | 86 | .5215-145.4 | | |
| Selenium | 11.9 | | | 2 " | 10.0 | | 119 | 41-159 | | |
| Silver | 5.24 | | | 1 " | 5.90 | | 89 | .763-154.24 | | |
| Thallium | 6.89 | | | 5 " | 9.50 | | 73 | .526-169.47 | | |
| Vanadium | 16.3 | | | 2 " | 17.6 | | 93 | .909-134.66 | | |
| Zinc | 42.1 | | | 8 " | 47.5 | | 89 | .158-156.63 | | |

Reference (B1D0006-SRM2)

| | | | | | | | | | | |
|----------|------|--|--|-------------|------|--|----|-------------|--|--|
| Antimony | 57.9 | | | 2 mg/kg wet | 66.0 | | 88 | .182-157.57 | | |
|----------|------|--|--|-------------|------|--|----|-------------|--|--|



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
 Phone:(510) 412-2300 Fax:(510) 412-2302

| | | |
|--|--------------------------------|---------------------------------|
| Project Manager: Cameron McDonald | RCRA Enforcement Office | SDG: DRAFT 11090B |
| Project Number: R11R03 | 75 Hawthorne Street | Reported: 04/13/11 12:47 |
| Project: Western Environmental, Inc. 2011 RCRA Inspection | San Francisco CA, 94105 | |

Quality Control

| Analyte | Result | Qualifiers / Comments | Quantitation Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------------|--------------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------------|--------------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch B1D0006 - 3050B Sld Acid Dig - Metals by 6010

Prepared: 04/04/11 Analyzed: 04/12/11

DRAFT: Metals by EPA 6000/7000 Series Methods - Quality Control

Reference (B1D0006-SRM2)

| | | | | | | | | | | |
|-----------|-------|---|--|-------|------|--|-----|--------------|--|--|
| Arsenic | 251 | | | 2 " | 253 | | 99 | 0.87-139.13 | | |
| Barium | ND | U | | 5 " | 1.60 | | | 62.5-137.5 | | |
| Beryllium | 4.73 | | | 0.1 " | 4.90 | | 97 | .224-138.77 | | |
| Cadmium | 9.83 | | | 0.5 " | 10.9 | | 90 | 1.642-128.44 | | |
| Chromium | 26.1 | | | 1 " | 27.1 | | 96 | 1.266-131.73 | | |
| Cobalt | 35.3 | | | 2 " | 37.4 | | 94 | 471-135.294 | | |
| Copper | 1,510 | | | 4 " | 1770 | | 85 | 1.576-125.98 | | |
| Lead | 54.2 | | | 3 " | 56.9 | | 95 | 1.759-127.24 | | |
| Nickel | 14.8 | | | 5 " | 16.3 | | 91 | 5.215-145.4 | | |
| Selenium | 13.7 | | | 2 " | 10.0 | | 137 | 41-159 | | |
| Silver | 5.85 | | | 1 " | 5.90 | | 99 | 1.763-154.24 | | |
| Thallium | 7.93 | | | 5 " | 9.50 | | 83 | 1.526-169.47 | | |
| Vanadium | 17.8 | | | 2 " | 17.6 | | 101 | 1.909-134.66 | | |
| Zinc | 47.1 | | | 8 " | 47.5 | | 99 | 1.158-156.63 | | |

Batch B1D0045 - Solids, Dry Weight (Prep) - Solids, Dry Weight

Prepared: 02/21/11 Analyzed: 04/11/11

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Blank (B1D0045-BLK1)

| | | | | | | | | | | |
|----------|----|---|--|-----|--|--|--|--|--|--|
| % Solids | ND | U | | 1 % | | | | | | |
|----------|----|---|--|-----|--|--|--|--|--|--|

Blank (B1D0045-BLK2)

| | | | | | | | | | | |
|----------|----|---|--|-----|--|--|--|--|--|--|
| % Solids | ND | U | | 1 % | | | | | | |
|----------|----|---|--|-----|--|--|--|--|--|--|

Duplicate (B1D0045-DUP1)

Source: 1103076-06

| | | | | | | | | | | |
|----------|----|--|--|-----|--|----|--|--|-----|----|
| % Solids | 83 | | | 1 % | | 83 | | | 0.3 | 20 |
|----------|----|--|--|-----|--|----|--|--|-----|----|

Duplicate (B1D0045-DUP2)

Source: 1103076-19

| | | | | | | | | | | |
|----------|----|--|--|-----|--|----|--|--|-----|----|
| % Solids | 87 | | | 1 % | | 86 | | | 0.8 | 20 |
|----------|----|--|--|-----|--|----|--|--|-----|----|

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Project Manager: Cameron McDonald**Project Number:** R11R03**Project:** Western Environmental, Inc. 2011 RCRA
Inspection**RCRA Enforcement Office****75 Hawthorne Street****San Francisco CA, 94105****SDG:** DRAFT 11090B**Reported:** 04/13/11 12:47**Qualifiers and Comments**

- Q6 Matrix spike/matrix spike duplicate precision criteria were not met for this analyte (see MS/MSD results for this batch in QC summary).
- Q4 The matrix spike and/or matrix spike duplicate associated with this sample did not meet recovery criteria for this analyte (see MS/MSD results for this batch in QC summary)
- Q10 The analyte concentration in the unfortified sample is significantly greater than the concentration spiked into the matrix spike and matrix spike duplicate. The reported spike recovery is not a meaningful measure of the dataset's analytical accuracy.
- J The reported result for this analyte should be considered an estimated value.
- C1 The reported concentration for this analyte is below the quantitation limit.

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.