

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



DOCUMENT
#2221224

SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b)

RECEIVED
11/7/2011

| | | |
|--|-----------------------------------|--|
| 1. OGCC Operator Number: 96850 | 4. Contact Name: Karolina Blaney | Complete the Attachment Checklist OP OGCC |
| 2. Name of Operator: Williams Production RMT | Phone: 970 683 2295 | |
| 3. Address: 1058 County Road 215 | Fax: 970 285 9573 | |
| City: Parachute State: CO Zip: 81635 | | |
| 5. API Number: 05-045-18423 | OGCC Facility ID Number: 413683 | Survey Plat |
| 6. Well/Facility Name: Federal | 7. Well/Facility Number: SR 43-12 | Directional Survey |
| 8. Location (Qtr/Tr, Sec, Twp, Rng, Meridian): NWSW 57 T7S R93W 6th pm | | Surface Eqmpt Diagram |
| 9. County: Garfield | 10. Field Name: Rulison | Technical Info Page |
| 11. Federal, Indian or State Lease Number: | | Other |

General Notice

| | |
|--|---|
| <input type="checkbox"/> CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit) | |
| Change of Surface Footage from Exterior Section Lines: | <input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL |
| Change of Surface Footage to Exterior Section Lines: | <input type="checkbox"/> <input type="checkbox"/> |
| Change of Bottomhole Footage from Exterior Section Lines: | <input type="checkbox"/> <input type="checkbox"/> |
| Change of Bottomhole Footage to Exterior Section Lines: | <input type="checkbox"/> <input type="checkbox"/> attach directional survey |
| Bottomhole location Qtr/Tr, Sec, Twp, Rng, Mer | |
| Latitude | Distance to nearest property line |
| Longitude | Distance to nearest bldg, public rd, utility or RR |
| Ground Elevation | Distance to nearest lease line |
| | Is location in a High Density Area (rule 603b)? Yes/No |
| | Distance to nearest well same formation |
| | Surface owner consultation date: |
| GPS DATA: | |
| Date of Measurement | PDOP Reading Instrument Operator's Name |
| <input type="checkbox"/> CHANGE SPACING UNIT | <input type="checkbox"/> Remove from surface bond |
| Formation Formation Code Spacing order number Unit Acreage Unit configuration | Signed surface use agreement attached |
| <input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling): | <input type="checkbox"/> CHANGE WELL NAME |
| Effective Date: | From: |
| Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual | To: |
| | Effective Date: |
| <input type="checkbox"/> ABANDONED LOCATION: | <input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS |
| Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No | Date well shut in or temporarily abandoned: |
| Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No | Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date Ready for Inspection: | MIT required if shut in longer than two years. Date of last MIT |
| <input type="checkbox"/> SPUD DATE: | <input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set) |
| <input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK | |
| Method used | *submit cbl and cement job summaries |
| Cementing tool setting/perf depth | Cement volume |
| Cement top | Cement bottom |
| Date | |
| <input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004. | |
| Final reclamation will commence on approximately | <input type="checkbox"/> Final reclamation is completed and site is ready for inspection. |

Technical Engineering/Environmental Notice

| | |
|---|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Report of Work Done |
| Approximate Start Date: | Date Work Completed: |
| Details of work must be described in full on Technical Information Page (Page 2 must be submitted.) | |
| <input type="checkbox"/> Intent to Recomplete (submit form 2) | <input type="checkbox"/> Request to Vent or Flare |
| <input type="checkbox"/> Change Drilling Plans | <input type="checkbox"/> Repair Well |
| <input type="checkbox"/> Gross Interval Changed? | <input type="checkbox"/> Rule 502 variance requested |
| <input type="checkbox"/> Casing/Cementing Program Change | <input checked="" type="checkbox"/> Other: Arsenic Background |
| | <input type="checkbox"/> E&P Waste Disposal |
| | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| | <input type="checkbox"/> Status Update/Change of Remediation Plans |
| | for Spills and Releases |

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Karolina Blaney Date: 11/7/2011 Email: Karolina.Blaney@Williams.com
Print Name: Karolina Blaney Title: Environmental Specialist

COGCC Approved: Chris Canfield Title: FOR Date: 11/16/2011
CONDITIONS OF APPROVAL, IF ANY:

Chris Canfield

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: _____ API Number: _____

2. Name of Operator: _____ OGCC Facility ID # _____

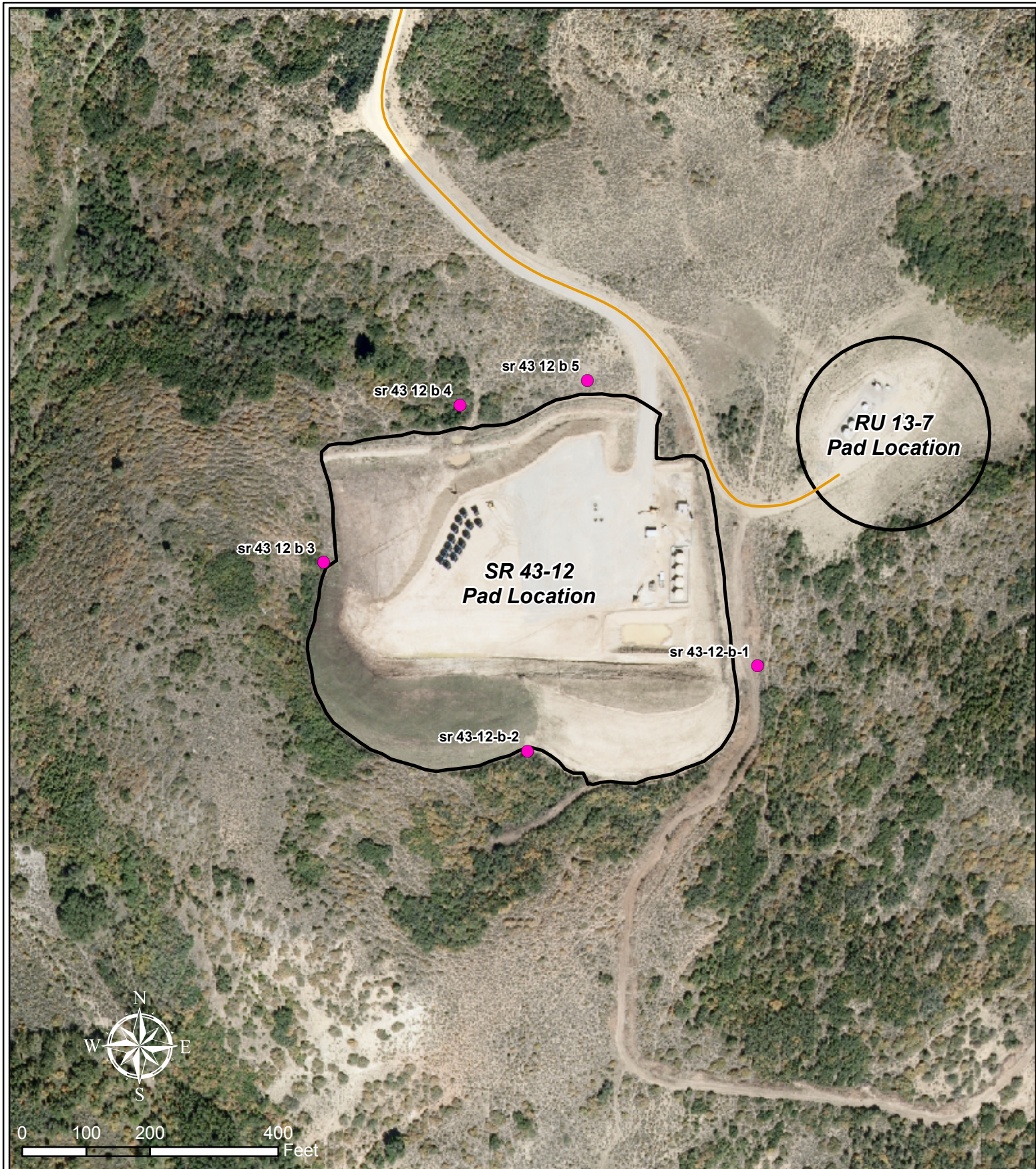
3. Well/Facility Name: _____ Well/Facility Number: _____

4. Location (QtrQtr, Sec, Twp, Rng, Meridian): _____

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS



Legend

- Sample Location
- Existing Road
- ▭ Existing Pad
▭ Limit of Disturbance

SR 43-12
Arsenic Background Sample Location Map
T7S R94W, Section 12

October 26, 2011





12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Karolina Blaney
Williams
1058 County Road 215
Parachute, CO 81635

Report Summary

Friday October 14, 2011

Report Number: L540265

Samples Received: 10/06/11

Client Project:

Description: SR 43-12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

T. Alan Harvill , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A,
TX - T104704245, OK-9915, PA - 68-02979

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

This report may not be reproduced, except in full, without written approval from ESC Lab Sciences. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

REPORT OF ANALYSIS

Karolina Blaney
Williams
1058 County Road 215
Parachute, CO 81635

October 14, 2011

Date Received : October 06, 2011
Description : SR 43-12

Sample ID : SR 43-12

Collected By : FM
Collection Date : 10/05/11 11:55

ESC Sample # : L540265-01

Site ID :

Project # :

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|-----------------------------------|--------|------------|----------|-------------|----------|------|
| Chromium, Hexavalent | BDL | 2.0 | mg/kg | 3060A/7196A | 10/11/11 | 1 |
| Chromium, Trivalent | 16. | 2.0 | mg/kg | Calc. | 10/12/11 | 1 |
| ORP | 140 | | mV | 2580 | 10/12/11 | 1 |
| pH | 8.7 | | su | 9045D | 10/10/11 | 1 |
| Sodium Adsorption Ratio | 15. | | | Calc. | 10/12/11 | 1 |
| Specific Conductance | 2000 | | umhos/cm | 9050AMod | 10/11/11 | 1 |
| Mercury | 0.024 | 0.020 | mg/kg | 7471 | 10/10/11 | 1 |
| Arsenic | 3.6 | 1.0 | mg/kg | 6010B | 10/12/11 | 1 |
| Barium | 820 | 0.25 | mg/kg | 6010B | 10/12/11 | 1 |
| Cadmium | 0.59 | 0.25 | mg/kg | 6010B | 10/12/11 | 1 |
| Chromium | 16. | 0.50 | mg/kg | 6010B | 10/12/11 | 1 |
| Copper | 16. | 1.0 | mg/kg | 6010B | 10/12/11 | 1 |
| Lead | 12. | 0.25 | mg/kg | 6010B | 10/12/11 | 1 |
| Nickel | 17. | 1.0 | mg/kg | 6010B | 10/12/11 | 1 |
| Selenium | 4.1 | 1.0 | mg/kg | 6010B | 10/12/11 | 1 |
| Silver | 0.72 | 0.50 | mg/kg | 6010B | 10/12/11 | 1 |
| Zinc | 60. | 1.5 | mg/kg | 6010B | 10/12/11 | 1 |
| Benzene | 0.10 | 0.025 | mg/kg | 8021/8015 | 10/13/11 | 50 |
| Toluene | 0.34 | 0.25 | mg/kg | 8021/8015 | 10/13/11 | 50 |
| Ethylbenzene | 0.25 | 0.025 | mg/kg | 8021/8015 | 10/13/11 | 50 |
| Total Xylene | 0.73 | 0.075 | mg/kg | 8021/8015 | 10/13/11 | 50 |
| TPH (GC/FID) Low Fraction | 130 | 5.0 | mg/kg | GRO | 10/13/11 | 50 |
| Surrogate Recovery-% | | | | | | |
| a,a,a-Trifluorotoluene(FID) | 101. | | % Rec. | 8021/8015 | 10/13/11 | 50 |
| a,a,a-Trifluorotoluene(PID) | 105. | | % Rec. | 8021/8015 | 10/13/11 | 50 |
| TPH (GC/FID) High Fraction | 24. | 4.0 | mg/kg | 3546/DRO | 10/10/11 | 1 |
| Surrogate recovery(%) | | | | | | |
| o-Terphenyl | 49.7 | | % Rec. | 3546/DRO | 10/10/11 | 1 |
| Polynuclear Aromatic Hydrocarbons | | | | | | |
| Anthracene | BDL | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |
| Acenaphthene | BDL | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |
| Benzo(a)anthracene | BDL | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |
| Benzo(a)pyrene | BDL | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |
| Benzo(b)fluoranthene | BDL | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L540265-01 (PH) - 8.69@19.9c



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REPORT OF ANALYSIS

Karolina Blaney
Williams
1058 County Road 215
Parachute, CO 81635

October 14, 2011

Date Received : October 06, 2011
Description : SR 43-12

Sample ID : SR 43-12

Collected By : FM
Collection Date : 10/05/11 11:55

ESC Sample # : L540265-01

Site ID :

Project # :

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|------------------------|--------|------------|--------|-----------|----------|------|
| Benzo(k)fluoranthene | BDL | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |
| Chrysene | BDL | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |
| Dibenz(a,h)anthracene | BDL | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |
| Fluoranthene | BDL | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |
| Fluorene | BDL | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |
| Indeno(1,2,3-cd)pyrene | BDL | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |
| Naphthalene | 0.018 | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |
| Pyrene | BDL | 0.0060 | mg/kg | 8270C-SIM | 10/10/11 | 1 |
| Surrogate Recovery | | | | | | |
| Nitrobenzene-d5 | 89.7 | | % Rec. | 8270C-SIM | 10/10/11 | 1 |
| 2-Fluorobiphenyl | 77.5 | | % Rec. | 8270C-SIM | 10/10/11 | 1 |
| p-Terphenyl-d14 | 66.8 | | % Rec. | 8270C-SIM | 10/10/11 | 1 |

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 10/14/11 09:51 Printed: 10/14/11 09:51
L540265-01 (PH) - 8.69@19.9c



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REPORT OF ANALYSIS

Karolina Blaney
Williams
1058 County Road 215
Parachute, CO 81635

October 14, 2011

Date Received : October 06, 2011
Description : SR 43-12

Sample ID : SR 43-12-B-1

Collected By : FM
Collection Date : 10/05/11 11:10

ESC Sample # : L540265-02

Site ID :

Project # :

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|-----------|--------|------------|-------|--------|----------|------|
| Arsenic | 2.9 | 1.0 | mg/kg | 6010B | 10/12/11 | 1 |

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Karolina Blaney
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1058 County Road 215
Parachute, CO 81635

October 14, 2011

Date Received : October 06, 2011
Description : SR 43-12

Sample ID : SR 43-12-B-2

Collected By : FM
Collection Date : 10/05/11 11:15

ESC Sample # : L540265-03

Site ID :

Project # :

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|-----------|--------|------------|-------|--------|----------|------|
| Arsenic | 4.7 | 1.0 | mg/kg | 6010B | 10/12/11 | 1 |

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Karolina Blaney
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Parachute, CO 81635

October 14, 2011

Date Received : October 06, 2011
Description : SR 43-12

Sample ID : SR 43-12-B-3

Collected By : FM
Collection Date : 10/05/11 11:20

ESC Sample # : L540265-04

Site ID :

Project # :

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|-----------|--------|------------|-------|--------|----------|------|
| Arsenic | 2.1 | 1.0 | mg/kg | 6010B | 10/12/11 | 1 |

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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October 14, 2011

Date Received : October 06, 2011
Description : SR 43-12

Sample ID : SR 43-12-B-4

Collected By : FM
Collection Date : 10/05/11 11:25

ESC Sample # : L540265-05

Site ID :

Project # :

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|-----------|--------|------------|-------|--------|----------|------|
| Arsenic | 2.7 | 1.0 | mg/kg | 6010B | 10/13/11 | 1 |

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

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Parachute, CO 81635

October 14, 2011

Date Received : October 06, 2011
Description : SR 43-12

Sample ID : SR 43-12-B-5

Collected By : FM
Collection Date : 10/05/11 11:30

ESC Sample # : L540265-06

Site ID :

Project # :

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|-----------|--------|------------|-------|--------|----------|------|
| Arsenic | 2.3 | 1.0 | mg/kg | 6010B | 10/13/11 | 1 |

BDL - Below Detection Limit

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