

State of Colorado
Oil and Gas Conservation Commission



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

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.)

1. OGCC Operator Number: 96850	4. Contact Name: Karolina Blaney	Complete the Attachment Checklist
2. Name of Operator: Williams Production RMT	Phone: 970 684 2295	
3. Address: 1058 County Road 215 City: Parachute State: CO Zip: 81635	Fax: 970 285 9573	OP OGCC
5. API Number: 05-045-06490-00	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: DOE	7. Well/Facility Number: 1-M-19	Directional Survey
8. Location (Qtr/Ctr, Sec, Twp, Rng, Meridian): NENE 19-T6S-R94W		Surface Eqpm Diagram
9. County: Garfield	10. Field Name: Rulison	Technical Info Page
11. Federal, Indian or State Lease Number:		Other

General Notice

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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bottomhole location Qtr/Ctr, Sec, Twp, Rng, Mer: _____

Latitude: _____ Distance to nearest property line: _____ Distance to nearest bldg, public rd, utility or RR: _____

Longitude: _____ Distance to nearest lease line: _____ Is location in a High Density Area (rule 603b)? Yes/No:

Ground Elevation: _____ Distance to nearest well same formation: _____ Surface owner consultation date: _____

GPS DATA:
Date of Measurement: _____ PDOP Reading: _____ Instrument Operator's Name: _____

CHANGE SPACING UNIT

Formation	Formation Code	Spacing order number	Unit Acreage	Unit configuration

Remove from surface bond
Signed surface use agreement attached:

CHANGE OF OPERATOR (prior to drilling):
Effective Date: _____
Plugging Bond: Blanket Individual

CHANGE WELL NAME NUMBER
From: _____
To: _____
Effective Date: _____

ABANDONED LOCATION:
Was location ever built? Yes No
Is site ready for inspection? Yes No
Date Ready for Inspection: _____

NOTICE OF CONTINUED SHUT IN STATUS
Date well shut in or temporarily abandoned: _____
Has Production Equipment been removed from site? Yes No
MIT required if shut in longer than two years. Date of last MIT: _____

SPUD DATE: _____

REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)

SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK *submit cbi and cement job summaries

Method used	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom	Date

RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.
Final reclamation will commence on approximately: _____
 Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

Notice of Intent Approximate Start Date: _____

Report of Work Done 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"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: Background	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: Greg Davis Date: 6/2/10 Email: Greg.J.Davis@Williams.com
Print Name: Greg Davis Title: Supervisor Permits

COGCC Approved: Chris Canfield Title: for Chris Canfield Date: 10/01/2010

CONDITIONS OF APPROVAL IF ANY:

EPS

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 96850	API Number: 05-045-06490-00
2. Name of Operator: Williams Production RMT	OGCC Facility ID #
3. Well/Facility Name: DOE	Well/Facility Number: 1-M-19
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NENE 19-T6S-R94W	

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**

This COGCC Form 4 is being submitted as a request to meet the background concentration levels for arsenic at the DOE 1-M-19 pad in accordance with footnote 1 to the COGCC table 910-1.

The request is based on the analytical results presented below (see attached laboratory report).

One composite sample was collected from three separate locations within the pit to determine the arsenic concentration in the cuttings.

DOE 1-M-19 (cuttings) - 11.9 mg/kg

Ten grab samples were collected from nearby non-impacted, native soil to establish the background arsenic concentrations.

- DOE 1-M-19-B-1 - 6.9 mg/kg
- DOE 1-M-19-B-2 - 9.0 mg/kg
- DOE 1-M-19-B-3 - 8.5 mg/kg
- DOE 1-M-19-B-4 - 8.0 mg/kg
- DOE 1-M-19-B-5 - 5.7 mg/kg
- DOE 1-M-19-B-6 - 11.5 mg/kg
- DOE 1-M-19-B-7 - 17.2 mg/kg
- DOE 1-M-19-B-8 - 11.9 mg/kg
- DOE 1-M-19-B-9 - 11.5 mg/kg
- DOE 1-M-19-B-10 - 9.3 mg/kg

Williams is requesting this approval in order to proceed with closure and reclamation of the cuttings trench located on the DOE 1-M-19 well pad.

Report of Analysis

Page 1 of 1

Client Sample ID: DOE 1-M-19	Date Sampled: 04/27/10
Lab Sample ID: T51655-3	Date Received: 04/28/10
Matrix: SO - Soil	Percent Solids: 86.2
Project: RWF 22-26, RWF 171-19, DOE 1-M-19	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic ^a	11.9	0.59	0.13	mg/kg	5	05/04/10	05/05/10 ANJ	SW846 6020 ⁴	SW846 3050B ⁷
Barium	10300	130	0.39	mg/kg	10	05/04/10	05/08/10 NS	SW846 6010B ²	SW846 3050B ⁵
Cadmium	0.21 J	0.32	0.065	mg/kg	1	05/04/10	05/06/10 NS	SW846 6010B ¹	SW846 3050B ⁵
Chromium	15.8	0.65	0.045	mg/kg	1	05/04/10	05/06/10 NS	SW846 6010B ¹	SW846 3050B ⁵
Copper	18.1	1.6	0.084	mg/kg	1	05/04/10	05/06/10 NS	SW846 6010B ¹	SW846 3050B ⁵
Lead	12.6	0.65	0.26	mg/kg	1	05/04/10	05/06/10 NS	SW846 6010B ¹	SW846 3050B ⁵
Mercury	0.044	0.018	0.00071	mg/kg	1	05/13/10	05/13/10 TW	SW846 7471A ³	SW846 7471A ⁶
Nickel	12.6	2.6	0.084	mg/kg	1	05/04/10	05/06/10 NS	SW846 6010B ¹	SW846 3050B ⁵
Selenium	0.17 J	0.65	0.16	mg/kg	1	05/04/10	05/06/10 NS	SW846 6010B ¹	SW846 3050B ⁵
Silver	0.052 U	0.65	0.052	mg/kg	1	05/04/10	05/06/10 NS	SW846 6010B ¹	SW846 3050B ⁵
Zinc	49.9	1.3	0.26	mg/kg	1	05/04/10	05/06/10 NS	SW846 6010B ¹	SW846 3050B ⁵

- (1) Instrument QC Batch: MA4718
(2) Instrument QC Batch: MA4725
(3) Instrument QC Batch: MA4737
(4) Instrument QC Batch: N:MA24230
(5) Prep QC Batch: MP11692
(6) Prep QC Batch: MP11777
(7) Prep QC Batch: N:MP52527

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: DOF 1-M-19-B-1	Date Sampled: 05/20/10
Lab Sample ID: T53128-1	Date Received: 05/22/10
Matrix: SO - Soil	Percent Solids: 93.0
Project: DOE1-M-19 & RWF12-19 Arsenic	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	6.9	0.58	0.12	mg/kg	1	05/29/10	05/31/10 NS	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA4787

(2) Prep QC Batch: MP11933

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: DOF 1-M-19-B-2	Date Sampled: 05/20/10
Lab Sample ID: T53128-2	Date Received: 05/22/10
Matrix: SO - Soil	Percent Solids: 91.7
Project: DOE1-M-19 & RWF12-19 Arsenic	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	9.0	0.58	0.12	mg/kg	1	05/29/10	05/31/10 NS	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA4787

(2) Prep QC Batch: MP11933

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: DOF 1-M-19-B-3	Date Sampled: 05/20/10
Lab Sample ID: T53128-3	Date Received: 05/22/10
Matrix: SO - Soil	Percent Solids: 96.8
Project: DOE1-M-19 & RWF12-19 Arsenic	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	8.5	0.60	0.12	mg/kg	1	05/29/10	05/31/10 NS	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA4787

(2) Prep QC Batch: MP11933

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: DOF 1-M-19-B-4	Date Sampled: 05/20/10
Lab Sample ID: T53128-4	Date Received: 05/22/10
Matrix: SO - Soil	Percent Solids: 95.7
Project: DOE1-M-19 & RWF12-19 Arsenic	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	8.0	0.59	0.12	mg/kg	1	05/29/10	05/31/10 NS	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA4787

(2) Prep QC Batch: MP11933

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: DOF 1-M-19-B-5	Date Sampled: 05/20/10
Lab Sample ID: T53128-5	Date Received: 05/22/10
Matrix: SO - Soil	Percent Solids: 92.9
Project: DOE1-M-19 & RWF12-19 Arsenic	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	5.7	0.62	0.12	mg/kg	1	05/25/10	05/27/10 NS	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA4775

(2) Prep QC Batch: MP11892

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: DOF 1-M-19-B-6	Date Sampled: 05/21/10
Lab Sample ID: T53128-6	Date Received: 05/22/10
Matrix: SO - Soil	Percent Solids: 90.2
Project: DOE1-M-19 & RWF12-19 Arsenic	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	11.5	0.64	0.13	mg/kg	1	05/25/10	05/27/10 NS	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA4775

(2) Prep QC Batch: MP11892

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	DOF 1-M-19-B-7	Date Sampled:	05/21/10
Lab Sample ID:	T53128-7	Date Received:	05/22/10
Matrix:	SO - Soil	Percent Solids:	93.7
Project:	DOE1-M-19 & RWF12-19 Arsenic		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	17.2	0.61	0.12	mg/kg	1	05/25/10	05/27/10 NS	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA4775

(2) Prep QC Batch: MP11892

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: DOF 1-M-19-B-8	Date Sampled: 05/21/10
Lab Sample ID: T53128-8	Date Received: 05/22/10
Matrix: SO - Soil	Percent Solids: 92.6
Project: DOE1-M-19 & RWF12-19 Arsenic	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	11.9	0.58	0.12	mg/kg	1	05/25/10	05/27/10 NS	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA4775

(2) Prep QC Batch: MP11892

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: DOF 1-M-19-B-9	Date Sampled: 05/21/10
Lab Sample ID: T53128-9	Date Received: 05/22/10
Matrix: SO - Soil	Percent Solids: 96.1
Project: DOE1-M-19 & RWF12-19 Arsenic	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	11.5	0.56	0.11	mg/kg	1	05/25/10	05/27/10 NS	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA4775

(2) Prep QC Batch: MP11892

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: DOF 1-M-19-B-10	Date Sampled: 05/21/10
Lab Sample ID: T53128-10	Date Received: 05/22/10
Matrix: SO - Soil	Percent Solids: 96.0
Project: DOE1-M-19 & RWF12-19 Arsenic	

Metals Analysis

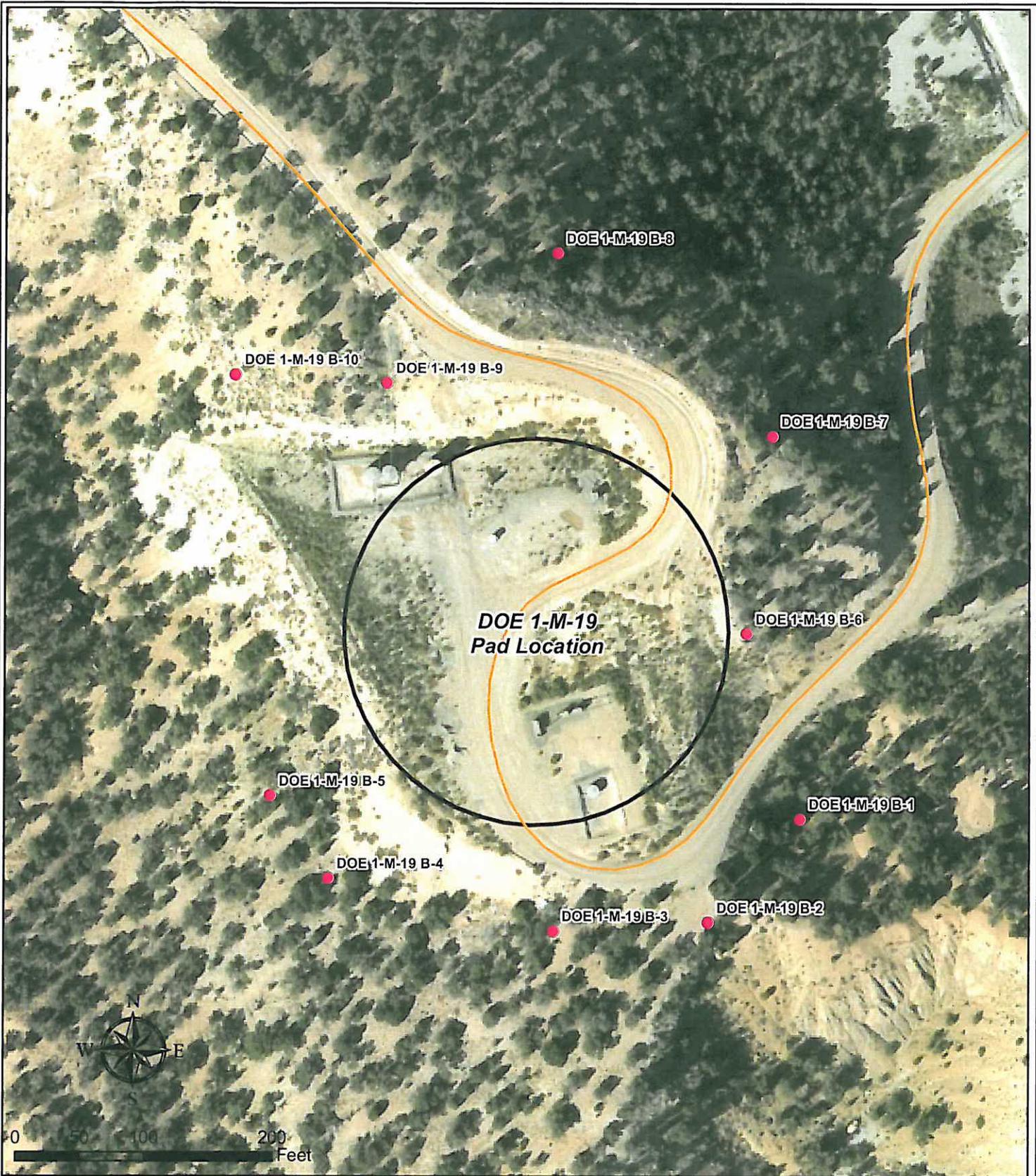
Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	9.3	0.58	0.12	mg/kg	1	05/25/10	05/27/10 NS	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA4775

(2) Prep QC Batch: MP11892

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL



Legend

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

DOE 1-M-19
Arsenic Background Sample Location Map
T6S R94W, Section 19



May 26, 2010