

## 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.)

RECEIVED  
9/5/2011

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 City: Parachute State: CO Zip: 81635	Fax: 970 285 9573	
5. API Number 05-045-14225	OGCC Facility ID Number 324417	Survey Plat
6. Well/Facility Name: _____	7. Well/Facility Number TR 44-27-597	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Merid): SESE 27 5S 97W		Surface Eqpm Diagram
9. County: Garfield	10. Field Name: Trail Ridge	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"/> FNUFSL <input type="checkbox"/> FELUFWL
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/Qtr, 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 <input type="checkbox"/>
Ground Elevation _____	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	
Formation _____ Formation Code _____ Spacing order number _____ Unit Acreage _____ Unit configuration _____	<input type="checkbox"/> Remove from surface bond Signed surface use agreement attached
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	
Effective Date: _____	<input type="checkbox"/> CHANGE WELL NAME NUMBER
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	From: _____ To: _____ Effective Date: _____
<input type="checkbox"/> ABANDONED LOCATION:	
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date well shut in or temporarily abandoned: _____
Date Ready for Inspection: _____	Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No
	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"/> 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: Karolina Blaney  
Print Name: Karolina BlaneyDate: 9-6-2011 Email: Karolina.Blaney@Williams.com  
Title: Environmental SpecialistCOGCC Approved: Chris Canfield  
CONDITIONS OF APPROVAL, IF ANY:

Title: FOR

Date: 09/22/2011

Chris Canfield  
EPS NW Region

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

**TR 44-27-597**  
**Arsenic Background Sample Location Map**  
**T5S R97W, Section 27**

**August 23, 2011**





# ALS Group USA, Corp

Date: 17-Aug-11

**Client:** HRL Compliance Solutions  
**Project:** Williams TR 44-27-597 Pad LOE 8/8/11  
**Sample ID:** TR 44-27 Cuttings  
**Collection Date:** 8/8/2011 01:55 PM

**Work Order:** 1108320  
**Lab ID:** 1108320-01  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>DIESEL RANGE ORGANICS BY GC-FID</b>						
<b>DRO (C10-C28)</b>	<b>180</b>		<b>SW8015M</b>		Prep Date: <b>8/10/2011</b>	Analyst: <b>RM</b>
<i>Surr: 4-Terphenyl-d14</i>	<i>81.0</i>		<i>39-115</i>	<i>%REC</i>	<i>1</i>	<i>8/11/2011 02:39 PM</i>
<b>GASOLINE RANGE ORGANICS BY GC-FID</b>						
<b>GRO (C6-C10)</b>	<b>ND</b>		<b>SW8015</b>			Analyst: <b>RM</b>
<i>Surr: Toluene-d8</i>	<i>102</i>		<i>50-150</i>	<i>%REC</i>	<i>100</i>	<i>8/11/2011 01:54 PM</i>
<b>MERCURY BY CVAA</b>						
<b>Mercury</b>	<b>0.027</b>		<b>SW7471</b>		Prep Date: <b>8/10/2011</b>	Analyst: <b>LR</b>
			<b>0.022</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 09:34 AM</b>
<b>METALS BY ICP-MS</b>						
<b>Arsenic</b>	<b>9.3</b>		<b>SW6020A</b>		Prep Date: <b>8/12/2011</b>	Analyst: <b>CES</b>
<b>Barium</b>	<b>510</b>		<b>0.96</b>	<b>mg/Kg-dry</b>	<b>2</b>	<b>8/12/2011 08:26 PM</b>
<b>Cadmium</b>	<b>ND</b>		<b>0.96</b>	<b>mg/Kg-dry</b>	<b>20</b>	<b>8/15/2011 01:07 PM</b>
<b>Chromium</b>	<b>21</b>		<b>0.39</b>	<b>mg/Kg-dry</b>	<b>2</b>	<b>8/12/2011 08:26 PM</b>
<b>Copper</b>	<b>25</b>		<b>0.96</b>	<b>mg/Kg-dry</b>	<b>2</b>	<b>8/12/2011 08:26 PM</b>
<b>Lead</b>	<b>12</b>		<b>0.96</b>	<b>mg/Kg-dry</b>	<b>2</b>	<b>8/12/2011 08:26 PM</b>
<b>Nickel</b>	<b>15</b>		<b>0.96</b>	<b>mg/Kg-dry</b>	<b>2</b>	<b>8/12/2011 08:26 PM</b>
<b>Selenium</b>	<b>1.1</b>		<b>0.96</b>	<b>mg/Kg-dry</b>	<b>2</b>	<b>8/12/2011 08:26 PM</b>
<b>Silver</b>	<b>ND</b>		<b>0.96</b>	<b>mg/Kg-dry</b>	<b>2</b>	<b>8/12/2011 08:26 PM</b>
<b>Zinc</b>	<b>56</b>		<b>1.9</b>	<b>mg/Kg-dry</b>	<b>2</b>	<b>8/12/2011 08:26 PM</b>
<b>SUBCONTRACTED ANALYSES</b>						
<b>Subcontracted Analyses</b>		<b>Rcvd 8/15/11</b>	<b>SUBCONTRACT</b>			Analyst: <b>A&amp;LGL</b>
			<b>as noted</b>		<b>1</b>	<b>8/15/2011</b>
<b>SEMI-VOLATILE ORGANIC COMPOUNDS</b>						
<b>Acenaphthene</b>	<b>ND</b>		<b>SW8270</b>		Prep Date: <b>8/10/2011</b>	Analyst: <b>HL</b>
<b>Anthracene</b>	<b>ND</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<b>Benzo(a)anthracene</b>	<b>43</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<b>Benzo(a)pyrene</b>	<b>ND</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<b>Benzo(b)fluoranthene</b>	<b>91</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<b>Benzo(g,h,i)perylene</b>	<b>ND</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<b>Benzo(k)fluoranthene</b>	<b>ND</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<b>Chrysene</b>	<b>44</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<b>Dibenzo(a,h)anthracene</b>	<b>ND</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<b>Fluoranthene</b>	<b>75</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<b>Fluorene</b>	<b>ND</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<b>Indeno(1,2,3-cd)pyrene</b>	<b>ND</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<b>Naphthalene</b>	<b>130</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<b>Pyrene</b>	<b>39</b>		<b>37</b>	<b>µg/Kg-dry</b>	<b>1</b>	<b>8/11/2011 01:35 PM</b>
<i>Surr: 2,4,6-Tribromophenol</i>	<i>82.2</i>		<i>34-140</i>	<i>%REC</i>	<i>1</i>	<i>8/11/2011 01:35 PM</i>

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

Report of Analysis

<b>Client Sample ID:</b>	TR44-27-597-C1	<b>Date Sampled:</b>	08/25/11
<b>Lab Sample ID:</b>	T85520-1	<b>Date Received:</b>	08/27/11
<b>Matrix:</b>	SO - Soil	<b>Percent Solids:</b>	77.6
<b>Project:</b>	TR 44-27-597		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	7.4	0.78	0.16	mg/kg	1	08/29/11	09/01/11 NS	SW846 6010B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA6075  
(2) Prep QC Batch: MP15632

RL = Reporting Limit  
MDL = Method Detection Limit

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

Report of Analysis

<b>Client Sample ID:</b>	TR44-27-597-C2	<b>Date Sampled:</b>	08/25/11
<b>Lab Sample ID:</b>	T85520-2	<b>Date Received:</b>	08/27/11
<b>Matrix:</b>	SO - Soil	<b>Percent Solids:</b>	77.4
<b>Project:</b>	TR 44-27-597		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	6.6	0.73	0.15	mg/kg	1	08/29/11	09/01/11 NS	SW846 6010B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA6075  
(2) Prep QC Batch: MP15632

RL = Reporting Limit  
MDL = Method Detection Limit

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

**ALS Group USA, Corp****Date:** 17-Aug-11**Client:** HRL Compliance Solutions**Project:** Williams TR 44-27-597 Pad LOE 8/8/11**Work Order:** 1108320**Sample ID:** TR 44-27-B-1**Lab ID:** 1108320-03**Collection Date:** 8/8/2011 02:05 PM**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>METALS BY ICP-MS</b>			<b>SW6020A</b>		Prep Date: <b>8/12/2011</b>	Analyst: <b>CES</b>
Arsenic	5.2		0.82	mg/Kg-dry	2	8/12/2011 08:53 PM
<b>MOISTURE</b>			<b>A2540 G</b>			Analyst: <b>CG</b>
Moisture	6.0		0.050	% of sample	1	8/11/2011 02:41 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 17-Aug-11**Client:** HRL Compliance Solutions**Project:** Williams TR 44-27-597 Pad LOE 8/8/11**Work Order:** 1108320**Sample ID:** TR 44-27-B-2**Lab ID:** 1108320-04**Collection Date:** 8/8/2011 02:10 PM**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>METALS BY ICP-MS</b>			<b>SW6020A</b>		Prep Date: <b>8/12/2011</b>	Analyst: <b>CES</b>
Arsenic	7.3		0.79	mg/Kg-dry	2	8/12/2011 08:58 PM
<b>MOISTURE</b>			<b>A2540 G</b>			Analyst: <b>CG</b>
Moisture	11		0.050	% of sample	1	8/11/2011 02:41 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.



**ALS Group USA, Corp****Date:** 17-Aug-11**Client:** HRL Compliance Solutions**Project:** Williams TR 44-27-597 Pad LOE 8/8/11**Work Order:** 1108320**Sample ID:** TR44-27-B-3**Lab ID:** 1108320-05**Collection Date:** 8/8/2011 02:15 PM**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>METALS BY ICP-MS</b>			<b>SW6020A</b>		Prep Date: <b>8/12/2011</b>	Analyst: <b>CES</b>
Arsenic	5.0		0.81	mg/Kg-dry	2	8/12/2011 09:03 PM
<b>MOISTURE</b>			<b>A2540 G</b>			Analyst: <b>CG</b>
Moisture	5.7		0.050	% of sample	1	8/11/2011 02:41 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

## ALS Group USA, Corp

Date: 17-Aug-11

**Client:** HRL Compliance Solutions

**Project:** Williams TR 44-27-597 Pad LOE 8/8/11

**Work Order:** 1108320

**Sample ID:** TR-44-27-B-4

**Lab ID:** 1108320-06

**Collection Date:** 8/8/2011 02:20 PM

**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>METALS BY ICP-MS</b>			<b>SW6020A</b>		Prep Date: <b>8/12/2011</b>	Analyst: <b>CES</b>
Arsenic	6.0		0.84	mg/Kg-dry	2	8/12/2011 09:08 PM
<b>MOISTURE</b>			<b>A2540 G</b>			Analyst: <b>CG</b>
Moisture	7.5		0.050	% of sample	1	8/11/2011 02:41 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

## ALS Group USA, Corp

Date: 17-Aug-11

**Client:** HRL Compliance Solutions

**Project:** Williams TR 44-27-597 Pad LOE 8/8/11

**Sample ID:** TR 44-27-B-5

**Collection Date:** 8/8/2011

**Work Order:** 1108320

**Lab ID:** 1108320-07

**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>METALS BY ICP-MS</b>			<b>SW6020A</b>		Prep Date: <b>8/12/2011</b>	Analyst: <b>CES</b>
Arsenic	5.5		0.83	mg/Kg-dry	2	8/12/2011 09:14 PM
<b>MOISTURE</b>			<b>A2540 G</b>			Analyst: <b>CG</b>
Moisture	2.7		0.050	% of sample	1	8/11/2011 02:41 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.