



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: 66561
2. Name of Operator: OXY USA Inc.
3. Address: 760 Horizon Drive
City: Grand Junction State: CO Zip: 81506
4. Contact Name: Denny Vigil
Phone: 970-263-3650
Fax: 970-263-3694
5. API Number: 05-077-09425
6. Well/Facility Name: Laramie Land and Cattle
7. Well/Facility Number: 17-4
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SWNW, Sec. 17, Twp. 10S, R94W, 6th PM
9. County: Mesa County
10. Field Name: Plateau
11. Federal, Indian or State Lease Number:
Survey Plat
Directional Survey
Surface Eqmpt Diagram
Technical Info Page
Other X

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:
Change of Surface Footage to Exterior Section Lines:
Change of Bottomhole Footage from Exterior Section Lines:
Change of Bottomhole Footage to Exterior Section Lines:
Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer
Latitude
Longitude
Ground Elevation
Distance to nearest property line
Distance to nearest lease line
Distance to nearest well same formation
Distance to nearest bldg, public rd, utility or RR
Is location in a High Density Area (rule 603b)?
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
From:
To:
Effective Date:
NUMBER
ABANDONED LOCATION:
Was location ever built?
Is site ready for inspection?
Date Ready for Inspection:
NOTICE OF CONTINUED SHUT IN STATUS
Date well shut in or temporarily abandoned:
Has Production Equipment been removed from site?
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
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.)
Intent to Recomplete (submit form 2)
Request to Vent or Flare
E&P Waste Disposal
Change Drilling Plans
Repair Well
Beneficial Reuse of E&P Waste
Gross Interval Changed?
Rule 502 variance requested
Status Update/Change of Remediation Plans
Casing/Cementing Program Change
Other: Apply different table 910 standards 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: Denny Vigil
Date: 01/27/2010
Email: denny\_vigil@oxy.com
Print Name: Denny Vigil
Title: Regulatory Analyst

COGCC Approved: Alex Fischer
Title: FOR
Date: 02/07/2013
CONDITIONS OF APPROVAL IF ANY: Reserve Pit Closure
Alex Fischer
Supervisor
Western Region

Note: Pit reclaimed
Consideration given to Background Arsenic

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 66561 API Number: 05-077-09425  
 2. Name of Operator: OXY USA Inc. OGCC Facility ID # 334537  
 3. Well/Facility Name: Laramie Land and Cattle Well/Facility Number: 17-4  
 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNW, Sec. 17, Twp. 10S, R94W, 6th PM

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**

OXY USA Inc. (Oxy) has completed, in accordance with the COGCC rules, the interim-reclamation of the above-mentioned reserve pit and requests that a different standard (see table below) be applied to the COGCC Table 910-1 concentration levels for Arsenic (As). This request is based on post reclaim levels for As being below background levels for As. Oxy's Sundry request seeks to waive the COGCC Table 910-1 concentration levels based on composite undisturbed background samples from near the pit which identifies constituents above the allowable COGCC Table 910-1 concentrations. In this particular situation, both reclaim concentrations for As were above COGCC Table 910-1 standards; however, post reclaim concentrations were below undisturbed background levels. Please find all relevant and necessary attached documents.

The sampling method Oxy employed was to take five representative random samples for both the reserve pit and background locations. The analytical concentrations table identifies the COGCC Table 910-1 concentration levels, Oxy's undisturbed background concentrations, as well as Oxy's proposed revised reclamation concentrations (Post Reclaim levels for As) for the above-mentioned reserve pits. Based on the background sample concentrations, Oxy Sundry request to apply different standards to the COGCC Table 910-1 concentration levels are due to elevated background concentrations for As.

	MCL (mg/kg)	Sample Identifications (mg/kg)	
		Post Reclaim	Background
<b>Organics in Soil</b>			
TPH (GRO and DRO)	500	300	-
Benzene	0.17	0.17	-
Toluene	85	0.80	-
Ethylbenzene	100	0.60	-
Xylenes	175	4.70	-
<b>Organics in Soil (PAH's)</b>			
Acenaphthene	1000	<0.011	-
Anthracene	1000	<0.0093	-
Benzo(A)anthracene	0.22	<0.0077	-
Benzo(B)fluoranthene	0.22	<0.0078	-
Benzo(K)fluoranthene	2.2	<0.012	-
Benzo(A)pyrene	0.022	<0.0074	-
Chrysene	22	<0.0091	-
Dibenzo(A,H)anthracene	0.022	<0.011	-
Fluoranthene	1000	<0.0079	-
Flourene	1000	0.030	-
Indeno(1,2,3,C,D)pyrene	0.22	<0.011	-
Napthalene	23	0.057	-
Pyrene	1000	<0.0089	-
<b>Inorganics in Soil</b>			
EC	<4 mmhos/cm or 2X background	0.670	0.210
SAR	<12	8.9	0.30
pH	6-9	8.3	-
<b>Metals in Soils</b>			
Arsenic	0.39	0.50	1.8
Barium	15000	1960	-
Boron (Hot Water Soluble)	2 (mg/L)	0.437	-
Cadmium	70	0.64	-
Chromium	12000	18.0	-
Chromium VI	23	<0.10	-
Copper	3100	15.0	-
Lead	400	14.0	-
Mercury	23	0.028	-
Nickel	1600	12.0	-
Selenium	390	<1.6	-
Silver	390	<0.16	-
Zinc	23000	44.0	-



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: <u>66561</u>	4. Contact Name <u>Daniel I. Padilla</u>	Complete the Attachment Checklist OP OGCC
2. Name of Operator: <u>OXY USA Inc.</u>	Phone: <u>970.263.3637</u>	
3. Address: <u>760 Horizon Drive, Suite 101</u> City: <u>Grand Junction</u> State: <u>CO</u> Zip: <u>81506</u>	Fax: <u>970.263.3694</u>	
5. API Number <u>05-077-09432</u>	OGCC Facility ID Number <u>334537</u>	Survey Plat
6. Well/Facility Name: <u>YT Ranch (Reserve Pit)</u>	7. Well/Facility Number <u>17-5</u>	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): <u>SWNW, Sec 17, T10S, R94W 6th PM</u>		Surface Eqpm Diagram
9. County: <u>Mesa</u>	10. Field Name: <u>Plateau</u>	Technical Info Page <input checked="" type="checkbox"/>
11. Federal, Indian or State Lease Number: _____		Other Lab data, Map <input checked="" type="checkbox"/>

*This reserve pit (YT Ranch) is the same as reserve pit as Lorraine hand annual call*

**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/Qtr, Sec, Twp, Rng, Mer \_\_\_\_\_ attach directional survey

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 cbl 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.

*The 1st Form for pit closure was submitted on 01/27/2010 and approved on 02/07/201*

*This 2nd Form (same pit closure) was submitted on 11/14/11 and (re-) approved on 02/14/2013*

**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: <u>Application of diff. standard</u> for Spills and Releases	

*SAME PIT*

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

Signed: [Signature] Date: 11/14/11 Email: daniel\_padilla@oxy.com  
 Print Name: Daniel I. Padilla Title: Regulatory Advisor

COGCC Approved: [Signature] Title: FOR Date: 02/14/2013

CONDITIONS OF APPROVAL, IF ANY:

*Alex Fischer  
Supervisor  
Western Region*

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: <u>66561</u>	API Number: <u>05-077-09432</u>
2. Name of Operator: <u>OXY USA Inc.</u>	OGCC Facility ID # <u>334537</u>
3. Well/Facility Name: <u>YT Ranch (Reserve Pit)</u>	Well/Facility Number: <u>17-5</u>
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>SWNW, Sec 17, T10S, R94W 6th PM</u>	

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5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

OXY USA Inc. (Oxy) has completed reclamation of the above-mentioned reserve pit and requests to apply a different standard (see table on next page) to the COGCC Table 910-1 concentration levels for Arsenic (As). Based on post reclamation levels for As being below undisturbed background levels, Oxy's sundry requests to waive the COGCC Table 910-1 concentration for As. In this particular situation, the below the pit liner (Post Reclaim 10/05/2009) concentration for As is above COGCC Table 910-1 standards, but is below undisturbed background levels (see sampling locations on included location map).

The sampling method Oxy employed was to take a representative random grab sample for each background sample location. The analytical concentrations table identifies the COGCC Table 910-1 concentration levels, Oxy's undisturbed background concentrations, and Oxy's post reclamation concentrations (Post Reclaim 10/05/2009). Based on the background sample concentrations, Oxy's sundry notice requests to apply different standards to the COGCC Table 910-1 concentration levels.

The reclaimed pit was contoured to be level with the pad grade to minimize stormwater runoff, during the operational phase of the pad. Final pad reclamation will occur at the end of the life of the pad.

## Pit Reclaims - Collbran

<b>Pad #:</b>	LL&CC 17-5
<b>Sample Date:</b>	10/5/2009
<b>Clearance Achieved Date:</b>	

	MCL (mg/kg)	Sample Identifications (mg/kg)	
		Post Reclaim	Background
<b>Organics in Soil</b>			
<b>TPH (GRO and DRO)</b>	<b>500</b>	300	-
<b>Benzene</b>	0.17	0.17	-
<b>Toluene</b>	85	0.80	-
<b>Ethylbenzene</b>	100	0.60	-
<b>Xylenes</b>	175	4.70	-
<b>Organics in Soil (PAH's)</b>			
<b>Acenaphthene</b>	1000	<0.011	-
<b>Anthracene</b>	1000	<0.0093	-
<b>Benzo(A)anthracene</b>	0.22	<0.0077	-
<b>Benzo(B)fluoranthene</b>	0.22	<0.0078	-
<b>Benzo(K)fluoranthene</b>	2.2	<0.012	-
<b>Benzo(A)pyrene</b>	0.022	<0.0074	-
<b>Chrysene</b>	22	<0.0091	-
<b>Dibenzo(A,H)anthracene</b>	0.022	<0.011	-
<b>Fluoranthene</b>	1000	<0.0079	-
<b>Flourene</b>	1000	0.030	-
<b>Indeno(1,2,3,C,D)pyrene</b>	0.22	<0.011	-
<b>Napthalene</b>	23	0.057	-
<b>Pyrene</b>	1000	<0.0089	-
<b>Inorganics in Soil</b>			
<b>EC</b>	<4 mmhos/cm or 2X background	0.670	0.210
<b>SAR</b>	<12	8.9	0.30
<b>pH</b>	6-9	8.3	-
<b>Metals in Soils</b>			
<b>Arsenic</b>	0.39	0.50	1.8
<b>Barium</b>	15000	1960	-
<b>Boron (Hot Water Soluble)</b>	2 (mg/L)	0.437	-
<b>Cadmium</b>	70	0.64	-
<b>Chromium</b>	12000	18.0	-
<b>Chromium VI</b>	23	<0.10	-
<b>Copper</b>	3100	15.0	-
<b>Lead</b>	400	14.0	-
<b>Mercury</b>	23	0.028	-
<b>Nickel</b>	1600	12.0	-
<b>Selenium</b>	390	<1.6	-
<b>Silver</b>	390	<0.16	-
<b>Zinc</b>	23000	44.0	-



OXY USA Inc.  
760 Horizon Drive, Suite 101  
Grand Junction, CO 81506

# YT Ranch 17-5 Reserve Pit Sampling Map

Mesa County, Colorado

0 0.005 0.01 0.015 0.02 Miles



YT Ranch 17-5

Pit Sample Locations ●  
Background sample locations ●  
Approximate Location of Pit 



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

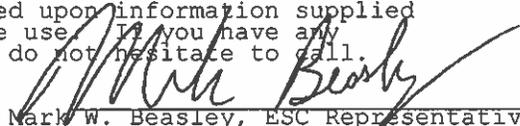
Brett Kennedy  
OXY USA Inc - Grand Junction, CO  
760 Horizon Dr., Ste. 101

Grand Junction, CO 81506

**Report Summary**  
Thursday October 15, 2009  
Report Number: L425889  
Samples Received: 10/07/09  
Client Project:  
Description: Pit Reclaims - Collbran

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:

  
Mark W. Beasley, 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

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

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



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Mt. Juliet, TN 37122  
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Fax (615) 758-5859

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Est. 1970

YOUR LAB OF CHOICE

REPORT OF ANALYSIS

Brett Kennedy  
OXY USA Inc - Grand Junction, CO  
760 Horizon Dr., Ste. 101  
Grand Junction, CO 81506

October 15, 2009

Date Received : October 07, 2009  
Description : Pit Reclaims - Collbran  
Sample ID : YT 17-5 BG 0-6 IN  
Collected By : Brett Kennedy  
Collection Date : 10/05/09 13:16

ESC Sample # : L425889-01

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Sodium Adsorption Ratio	0.30					Calc.	10/09/09	1
Specific Conductance	210			umhos/cm		9050AMo	10/09/09	1
Arsenic	1.8	0.32	1.0	mg/kg		6010B	10/10/09	1

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 10/15/09 10:14 Printed: 10/15/09 10:14



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

YOUR LAB OF CHOICE

REPORT OF ANALYSIS

Brett Kennedy  
OXY USA Inc - Grand Junction, CO  
760 Horizon Dr., Ste. 101  
Grand Junction, CO 81506

October 15, 2009

Date Received : October 07, 2009  
Description : Pit Reclaims - Collbran  
Sample ID : YT 17-5 POST REC 0-6 IN  
Collected By : Brett Kennedy  
Collection Date : 10/05/09 12:55

ESC Sample # : L425889-02

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Chromium, Hexavalent	U	0.10	2.0	mg/kg		3060A/7	10/12/09	1
ORP	270			mV		2580	10/09/09	1
pH	8.3			su		9045D	10/12/09	1
Sodium Adsorption Ratio	8.9					Calc.	10/09/09	1
Specific Conductance	670			umhos/cm		9050AMo	10/09/09	1
Mercury	0.028	0.0025	0.020	mg/kg		7471	10/09/09	1
Arsenic	0.50	0.32	1.0	mg/kg	J	6010B	10/11/09	1
Cadmium	0.64	0.040	0.25	mg/kg		6010B	10/11/09	1
Chromium	18.	0.085	0.50	mg/kg		6010B	10/11/09	1
Copper	15.	0.21	1.0	mg/kg		6010B	10/11/09	1
Lead	14.	0.090	0.25	mg/kg		6010B	10/11/09	1
Nickel	12.	0.26	1.0	mg/kg		6010B	10/11/09	1
Selenium	U	1.6	5.0	mg/kg	O	6010B	10/12/09	5
Silver	U	0.16	0.50	mg/kg		6010B	10/11/09	1
Zinc	44.	0.34	1.5	mg/kg		6010B	10/11/09	1
Benzene	0.17	0.0090	0.025	mg/kg		8021/80	10/11/09	50
Toluene	0.80	0.015	0.25	mg/kg		8021/80	10/11/09	50
Ethylbenzene	0.60	0.013	0.025	mg/kg		8021/80	10/11/09	50
Total Xylene	4.7	0.028	0.075	mg/kg		8021/80	10/11/09	50
TPH (GC/FID) Low Fraction	140	1.6	5.0	mg/kg		GRO	10/11/09	50
Surrogate Recovery-%								
a, a, a-Trifluorotoluene (FID)	100.			% Rec.		8021/80	10/11/09	50
a, a, a-Trifluorotoluene (PID)	95.7			% Rec.		8021/80	10/11/09	50
TPH (GC/FID) High Fraction	160	1.3	4.0	mg/kg		3546/DR	10/09/09	1
Surrogate recovery(%)								
o-Terphenyl	92.8			% Rec.		3546/DR	10/09/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0093	0.033	mg/kg		8270C	10/10/09	1
Acenaphthene	U	0.011	0.033	mg/kg		8270C	10/10/09	1
Acenaphthylene	U	0.011	0.033	mg/kg		8270C	10/10/09	1
Benzo(a)anthracene	U	0.0077	0.033	mg/kg		8270C	10/10/09	1
Benzo(a)pyrene	U	0.0074	0.033	mg/kg		8270C	10/10/09	1
Benzo(b)fluoranthene	U	0.0078	0.033	mg/kg		8270C	10/10/09	1
Benzo(g,h,i)perylene	U	0.0095	0.033	mg/kg		8270C	10/10/09	1

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:

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Reported: 10/15/09 10:14 Printed: 10/15/09 10:14  
L425889-02 (PH) - 8.3020.6c



YOUR LAB OF CHOICE

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

REPORT OF ANALYSIS

Brett Kennedy  
 OXY USA Inc - Grand Junction, CO  
 760 Horizon Dr., Ste. 101  
 Grand Junction, CO 81506

October 15, 2009

Date Received : October 07, 2009  
 Description : Pit Reclaims - Collbran  
 Sample ID : YT 17-5 POST REC 0-6 IN  
 Collected By : Brett Kennedy  
 Collection Date : 10/05/09 12:55

ESC Sample # : L425889-02

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Benzo(k)fluoranthene	U	0.012	0.033	mg/kg		8270C	10/10/09	1
Chrysene	U	0.0091	0.033	mg/kg		8270C	10/10/09	1
Dibenz(a,h)anthracene	U	0.011	0.033	mg/kg		8270C	10/10/09	1
Fluoranthene	U	0.0079	0.033	mg/kg		8270C	10/10/09	1
Fluorene	0.030	0.0095	0.033	mg/kg	J	8270C	10/10/09	1
Indeno(1,2,3-cd)pyrene	U	0.011	0.033	mg/kg		8270C	10/10/09	1
Naphthalene	0.057	0.016	0.033	mg/kg		8270C	10/10/09	1
Phenanthrene	0.021	0.0073	0.033	mg/kg	J	8270C	10/10/09	1
Pyrene	U	0.0089	0.033	mg/kg		8270C	10/10/09	1
Surrogate Recovery								
Nitrobenzene-d5	102.			% Rec.		8270C	10/10/09	1
2-Fluorobiphenyl	101.			% Rec.		8270C	10/10/09	1
p-Terphenyl-d14	76.5			% Rec.		8270C	10/10/09	1

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 10/15/09 10:14 Printed: 10/15/09 10:14

L425889-02 (PH) - 8.3@20.6c

