

FORM
4
Rev 12/05

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
#2215978

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
9/8/2011Complete the Attachment
Checklist

OP OGCC

1. OGCC Operator Number: 66561	4. Contact Name Daniel I. Padilla
2. Name of Operator: OXY USA Inc.	Phone: 970.263.3637
3. Address: 760 Horizon Drive, Suite 101	Fax: 970.263.3694
City: Grand Junction State: CO Zip: 81506	
5. API Number 05-077-08566	OGCC Facility ID Number 334508
6. Well/Facility Name: McDaniel (Reserve Pit)	7. Well/Facility Number 11-10
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): NWSE, Sec 11, T9S, R94W, 6th PM	
9. County: Mesa	10. Field Name: Brush Creek
11. Federal, Indian or State Lease Number:	

Survey Plat	
Directional Survey	
Surface Eqpm Diagram	
Technical Info Page	x
Other Lab data, Map	x

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:	<table><tr><td></td><td>FNL/FSL</td><td></td><td>FEL/FWL</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>		FNL/FSL		FEL/FWL																
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Change of Bottomhole Footage from Exterior Section Lines:	<table><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>																				
Change of Bottomhole Footage to Exterior Section Lines:	<table><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>																				
Bottomhole location Qtr/Qtr, 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	Signed surface use agreement attached
Formation Code	
Spacing order number	
Unit Acreage	
Unit configuration	

<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	*submit cbl and cement job summaries
Method used	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: Application of diff. standard	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: Daniel I. Padilla
Print Name: Daniel I. PadillaDate: 9/7/11 Email: daniel_padilla@oxy.com
Title: Regulatory Advisor

COGCC Approved: _____ Title: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

- | | |
|--|-----------------------------|
| 1. OGCC Operator Number: 66561 | API Number: 05-077-08566 |
| 2. Name of Operator: OXY USA Inc. | OGCC Facility ID #: 334508 |
| 3. Well/Facility Name: McDaniel (Reserve Pit) | Well/Facility Number: 11-10 |
| 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE, Sec 11, T9S, 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 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 11/20/2009) 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 11/20/2009). Based on the background sample concentrations, Oxy's sundry notice request 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 operational phase of the pad. Final pad reclamation will occur at the end of the life of the pad.



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

Pit Reclaims - Collbran

Pad #:	McDaniel 11-10
Sample Date:	10/20/2009
Clearance Achieved Date:	

		Sample Identifications (mg/kg)	
	MCL (mg/kg)	Post Reclaim	Background
Organics in Soil		10/20/2009	10/20/2009
TPH (GRO and DRO)	500	30.0	-
Benzene	0.17	<0.00090	-
Toluene	85	<0.0015	-
Ethylbenzene	100	<0.0013	-
Xylenes	175	<0.0028	-
Organics in Soil (PAH's)			
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	0.010	-
Indeno(1,2,3,C,D)pyrene	0.22	<0.011	-
Napthalene	23	0.016	-
Pyrene	1000	<0.0089	-
Inorganics in Soil			
EC	<4 mmhos/cm or 2X background	0.800	0.230
SAR	<12	8.0	0.37
pH	6-9	8.9	8.2
Metals in Soils			
Arsenic	0.39	3.4	3.4
Barium	15000	10,100	-
Boron (Hot Water Soluble)	2 (mg/L)	1.04	-
Cadmium	70	0.47	-
Chromium	12000	14.0	-
Chromium VI	23	<0.10	-
Copper	3100	12.0	-
Lead	400	11.0	-
Mercury	23	0.020	-
Nickel	1600	9.5	-
Selenium	390	<6.3	-
Silver	390	<0.16	-
Zinc	23000	35.0	-



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Est. 1970

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

Grand Junction, CO 81506

Report Summary

Wednesday April 01, 2009

Report Number: L394975

Samples Received: 03/28/09

Client Project:

Description: Pit Reclaims-Collbra

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, 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.

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Where applicable, sampling conducted by ESC is performed per guidance provided
in laboratory standard operating procedures: 060302, 060303, and 060304.

2 Samples Reported: 04/01/09 15:26 Printed: 04/01/09 15:26

Page 1 of 14



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REPORT OF ANALYSIS

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

April 01, 2009

Date Received : March 28, 2009
Description : Pit Reclaims-Collbra
Sample ID : MCDANIEL 11-10-BG 0-6 FT
Collected By : Brett Kennedy
Collection Date : 03/27/09 14:05

ESC Sample # : L394975-01

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chromium, Hexavalent	BDL	2.0	mg/kg	3060A/7196A	04/01/09	1
ORP	160		mV	2580	03/30/09	1
pH	9.1		su	9045D	03/31/09	1
Sodium Adsorption Ratio	7.5			Calc.	04/01/09	1
Specific Conductance	160		umhos/cm	9050AMod	03/30/09	1
Mercury	BDL	0.020	mg/kg	7471	03/30/09	1
Arsenic	2.2	1.0	mg/kg	6010B	03/31/09	1
Barium	2000	0.25	mg/kg	6010B	03/31/09	1
Cadmium	0.76	0.25	mg/kg	6010B	03/31/09	1
Chromium	12.	0.50	mg/kg	6010B	03/31/09	1
Copper	15.	1.0	mg/kg	6010B	03/31/09	1
Lead	10.	0.25	mg/kg	6010B	03/31/09	1
Nickel	19.	1.0	mg/kg	6010B	03/31/09	1
Selenium	BDL	1.0	mg/kg	6010B	03/31/09	1
Silver	BDL	0.50	mg/kg	6010B	03/31/09	1
Zinc	37.	1.5	mg/kg	6010B	03/31/09	1
Benzene	BDL	0.0025	mg/kg	8021/8015	03/31/09	5
Toluene	BDL	0.025	mg/kg	8021/8015	03/31/09	5
Ethylbenzene	BDL	0.0025	mg/kg	8021/8015	03/31/09	5
Total Xylene	BDL	0.0075	mg/kg	8021/8015	03/31/09	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	GRO	03/31/09	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	97.8		% Rec.	8021/8015	03/31/09	5
a,a,a-Trifluorotoluene (PID)	104.		% Rec.	8021/8015	03/31/09	5
TPH (GC/FID) High Fraction	4.0	4.0	mg/kg	3546/DRO	03/30/09	1
Surrogate recovery(%)						
o-Terphenyl	71.2		% Rec.	3546/DRO	03/30/09	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	03/30/09	1
Acenaphthene	BDL	0.033	mg/kg	8270C	03/30/09	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	03/30/09	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	03/30/09	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	03/30/09	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	03/30/09	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	03/30/09	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)
L394975-01 (PH) - 9.1@20.0c



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REPORT OF ANALYSIS

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

April 01, 2009

Date Received : March 28, 2009
Description : Pit Reclaims-Collbra
Sample ID : MCDANIEL 11-10-BG 0-6 FT
Collected By : Brett Kennedy
Collection Date : 03/27/09 14:05

ESC Sample # : L394975-01

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	03/30/09	1
Chrysene	BDL	0.033	mg/kg	8270C	03/30/09	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	03/30/09	1
Fluoranthene	BDL	0.033	mg/kg	8270C	03/30/09	1
Fluorene	BDL	0.033	mg/kg	8270C	03/30/09	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	03/30/09	1
Naphthalene	BDL	0.033	mg/kg	8270C	03/30/09	1
Phenanthrene	BDL	0.033	mg/kg	8270C	03/30/09	1
Pyrene	BDL	0.033	mg/kg	8270C	03/30/09	1
Surrogate Recovery						
Nitrobenzene-d5	72.3		% Rec.	8270C	03/30/09	1
2-Fluorobiphenyl	77.6		% Rec.	8270C	03/30/09	1
p-Terphenyl-d14	75.6		% Rec.	8270C	03/30/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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L394975-01 (PH) - 9.1@20.0c



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REPORT OF ANALYSIS

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

April 01, 2009

Date Received : March 28, 2009
Description : Pit Reclaims-Collbra
Sample ID : MCDANIEL 11-10-PRE-REC 0-6 FT
Collected By : Brett Kennedy
Collection Date : 03/27/09 14:20

ESC Sample # : L394975-02

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chromium, Hexavalent	BDL	2.0	mg/kg	3060A/7196A	04/01/09	1
ORP	140		mV	2580	03/30/09	1
pH	9.3		su	9045D	03/31/09	1
Sodium Adsorption Ratio	38.			Calc.	04/01/09	1
Specific Conductance	1100		umhos/cm	9050AMod	03/30/09	1
Mercury	BDL	0.020	mg/kg	7471	03/30/09	1
Arsenic	3.5	1.0	mg/kg	6010B	03/31/09	1
Barium	1400	0.25	mg/kg	6010B	03/31/09	1
Cadmium	0.64	0.25	mg/kg	6010B	03/31/09	1
Chromium	10.	0.50	mg/kg	6010B	03/31/09	1
Copper	13.	1.0	mg/kg	6010B	03/31/09	1
Lead	12.	0.25	mg/kg	6010B	03/31/09	1
Nickel	11.	1.0	mg/kg	6010B	03/31/09	1
Selenium	BDL	1.0	mg/kg	6010B	03/31/09	1
Silver	BDL	0.50	mg/kg	6010B	03/31/09	1
Zinc	42.	1.5	mg/kg	6010B	03/31/09	1
Benzene	0.0043	0.0025	mg/kg	8021/8015	03/31/09	5
Toluene	BDL	0.025	mg/kg	8021/8015	03/31/09	5
Ethylbenzene	BDL	0.0025	mg/kg	8021/8015	03/31/09	5
Total Xylene	0.015	0.0075	mg/kg	8021/8015	03/31/09	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	GRO	03/31/09	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	100.		% Rec.	8021/8015	03/31/09	5
a,a,a-Trifluorotoluene (PID)	107.		% Rec.	8021/8015	03/31/09	5
TPH (GC/FID) High Fraction	74.	4.0	mg/kg	3546/DRO	03/30/09	1
Surrogate recovery(%)						
o-Terphenyl	82.4		% Rec.	3546/DRO	03/30/09	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	03/30/09	1
Acenaphthene	BDL	0.033	mg/kg	8270C	03/30/09	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	03/30/09	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	03/30/09	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	03/30/09	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	03/30/09	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	03/30/09	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)
L394975-02 (PH) - 9.3@19.6c



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REPORT OF ANALYSIS

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

April 01, 2009

Date Received : March 28, 2009
Description : Pit Reclaims-Collbra
Sample ID : MCDANIEL 11-10-PRE-REC 0-6 FT
Collected By : Brett Kennedy
Collection Date : 03/27/09 14:20

ESC Sample # : L394975-02

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	03/30/09	1
Chrysene	BDL	0.033	mg/kg	8270C	03/30/09	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	03/30/09	1
Fluoranthene	BDL	0.033	mg/kg	8270C	03/30/09	1
Fluorene	BDL	0.033	mg/kg	8270C	03/30/09	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	03/30/09	1
Naphthalene	0.067	0.033	mg/kg	8270C	03/30/09	1
Phenanthrene	0.036	0.033	mg/kg	8270C	03/30/09	1
Pyrene	BDL	0.033	mg/kg	8270C	03/30/09	1
Surrogate Recovery						
Nitrobenzene-d5	68.8		% Rec.	8270C	03/30/09	1
2-Fluorobiphenyl	59.8		% Rec.	8270C	03/30/09	1
p-Terphenyl-d14	56.4		% Rec.	8270C	03/30/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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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

Friday October 30, 2009

Report Number: L428252

Samples Received: 10/21/09

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

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REPORT OF ANALYSIS

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

October 30, 2009

Date Received : October 21, 2009
Description : Pit Reclaims - Collbran
Sample ID : MCDANIEL 11-10 B6
Collected By : Brett Kennedy
Collection Date : 10/20/09 11:40

ESC Sample # : L428252-01

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
pH	8.2			su		9045D	10/23/09	1
Sodium Adsorption Ratio	0.37					Calc.	10/28/09	1
Specific Conductance	230			umhos/cm		9050AMo	10/23/09	1
Arsenic	3.4	0.32	1.0	mg/kg		6010B	10/29/09	1

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Note:

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L428252-01 (PH) - 8.2@21.3c



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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 30, 2009

Date Received : October 21, 2009
Description : Pit Reclaims - Collbran
Sample ID : MCDANIEL 11-10 POST REC
Collected By : Brett Kennedy
Collection Date : 10/20/09 10:20

ESC Sample # : L428252-02

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Chromium, Hexavalent	U	0.10	2.0	mg/kg		3060A/7	10/27/09	1
ORP	100			mV		2580	10/23/09	1
pH	8.9			su		9045D	10/23/09	1
Sodium Adsorption Ratio	8.0					Calc.	10/28/09	1
Specific Conductance	800			umhos/cm		9050AMo	10/23/09	1
Mercury	0.020	0.0025	0.020	mg/kg		7471	10/25/09	1
Arsenic	3.4	0.32	1.0	mg/kg		6010B	10/29/09	1
Cadmium	0.47	0.040	0.25	mg/kg		6010B	10/29/09	1
Chromium	14.	0.085	0.50	mg/kg		6010B	10/29/09	1
Copper	12.	0.21	1.0	mg/kg		6010B	10/29/09	1
Lead	11.	0.090	0.25	mg/kg	B	6010B	10/29/09	1
Nickel	9.5	0.26	1.0	mg/kg		6010B	10/29/09	1
Selenium	U	6.3	20.	mg/kg	O	6010B	10/30/09	20
Silver	U	0.16	0.50	mg/kg		6010B	10/29/09	1
Zinc	35.	0.34	1.5	mg/kg		6010B	10/29/09	1
Benzene	U	0.00090	0.0025	mg/kg		8021/80	10/27/09	5
Toluene	U	0.0015	0.025	mg/kg		8021/80	10/27/09	5
Ethylbenzene	U	0.0013	0.0025	mg/kg		8021/80	10/27/09	5
Total Xylene	U	0.0028	0.0075	mg/kg		8021/80	10/27/09	5
TPH (GC/FID) Low Fraction	U	0.14	0.50	mg/kg		GRO	10/27/09	5
Surrogate Recovery-%								
a,a,a-Trifluorotoluene (FID)	99.4			% Rec.		8021/80	10/27/09	5
a,a,a-Trifluorotoluene (PID)	103.			% Rec.		8021/80	10/27/09	5
TPH (GC/FID) High Fraction	30.	1.3	4.0	mg/kg		3546/DR	10/22/09	1
Surrogate recovery(%)								
o-Terphenyl	80.3			% Rec.		3546/DR	10/22/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0093	0.033	mg/kg		8270C	10/24/09	1
Acenaphthene	U	0.011	0.033	mg/kg		8270C	10/24/09	1
Acenaphthylene	U	0.011	0.033	mg/kg		8270C	10/24/09	1
Benzo(a)anthracene	U	0.0077	0.033	mg/kg		8270C	10/24/09	1
Benzo(a)pyrene	U	0.0074	0.033	mg/kg		8270C	10/24/09	1
Benzo(b)fluoranthene	U	0.0078	0.033	mg/kg		8270C	10/24/09	1
Benzo(g,h,i)perylene	U	0.0095	0.033	mg/kg		8270C	10/24/09	1

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L428252-02 (PH) - 8.9@21.1c



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Est. 1970

REPORT OF ANALYSIS

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

October 30, 2009

Date Received : October 21, 2009
Description : Pit Reclaims - Collbran
Sample ID : MCDANIEL 11-10 POST REC
Collected By : Brett Kennedy
Collection Date : 10/20/09 10:20

ESC Sample # : L428252-02

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Benzo(k)fluoranthene	U	0.012	0.033	mg/kg		8270C	10/24/09	1
Chrysene	U	0.0091	0.033	mg/kg		8270C	10/24/09	1
Dibenz(a,h)anthracene	U	0.011	0.033	mg/kg		8270C	10/24/09	1
Fluoranthene	U	0.0079	0.033	mg/kg		8270C	10/24/09	1
Fluorene	0.010	0.0095	0.033	mg/kg	J	8270C	10/24/09	1
Indeno(1,2,3-cd)pyrene	U	0.011	0.033	mg/kg		8270C	10/24/09	1
Naphthalene	0.016	0.016	0.033	mg/kg	J	8270C	10/24/09	1
Phenanthrene	0.014	0.0073	0.033	mg/kg	J	8270C	10/24/09	1
Pyrene	U	0.0089	0.033	mg/kg		8270C	10/24/09	1
Surrogate Recovery								
Nitrobenzene-d5	58.6			Rec.		8270C	10/24/09	1
2-Fluorobiphenyl	72.4			Rec.		8270C	10/24/09	1
p-Terphenyl-d14	95.1			Rec.		8270C	10/24/09	1

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L428252-02 (PH) - 8.9@21.1c

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L428252-02	WG448024	SAMP	Lead	R977408	B
	WG448024	SAMP	Selenium	R977408	O
	WG447321	SAMP	Fluorene	R965090	J
	WG447321	SAMP	Naphthalene	R965090	J
	WG447321	SAMP	Phenanthrene	R965090	J



MEMORANDUM

To: File

From: Padilla, Daniel I., Regulatory

CC:

Date: 07/01/2011

Subject: Reserve Pit Closure McDaniel 11-10 Pad

This memorandum documents Oxy's reserve pit closure located on the McDaniel 11-10 pad. The pad is located in NWSE, Section 11, Township 9S, Range 94W, Garfield County, Colorado. The pad is fee owned. In accordance with COGCC rules in effect at the time of pit closure, specifically Rules 907.a, b, and c, 909 a, b, e, Rule 910 a, & b. The pit was backfilled and soil samples collected to verify compliance with COGCC Table 910-1. The analytical results confirm that the pit met allowable concentration levels for all analytes except for Arsenic (As). Based on the analytical results, background samples were collected to account for the elevated levels of As post reclamation. The background samples revealed As levels that were greater than or equal to the post reclamation As levels. Oxy will submit a Form 4 Sundry notice to request that the COGCC allow this pit to be closed as is.

Additional information as follows:

- This reserve pit supported drilling and initial completion activities for up to 18 wells, which include:
 - McDaniel 11-11, API # 05-077-08345
 - McDaniel 11-10, API # 05-077-08566
 - McDaniel 11-16, API # 05-077-08815
 - McDaniel 11-15, API # 05-077-08816
 - McDaniel 11-9, API # 05-077-08817
 - McDaniel 11-8, API # 05-077-08818
 - McDaniel 11-14, API # 05-077-08827
 - McDaniel 11-10B, API # 05-077-09646
 - McDaniel 11-15B, API # 05-077-09647
 - McDaniel 11-15A, API # 05-077-09648
 - McDaniel 11-10A, API # 05-077-09649
 - McDaniel 11-10C, API # 05-077-09650
 - McDaniel 11-16B, API # 05-077-09651
 - McDaniel 11-16A, API # 05-077-09652
 - McDaniel 11-15C, API # 05-077-09653
 - McDaniel 11-9C, API # 05-077-09654
 - McDaniel 11-9B, API # 05-077-09655
 - McDaniel 11-9A, API # 05-077-09709
- The pit bottom was sampled for closure on November 20, 2009 by Walsh Environmental Scientists and Engineers, LLC. Based on the sampling results of the pit bottom, except for As, all analytes were found to be below allowable concentration levels per the COGCC's table 910-1 rules that were in effect after the 2008 amended rules, which went into effect on April 1, 2009 for fee lands and July 1, 2009 for federal lands. The tabulated and original analytical lab data are attached.
- Background sampling was conducted on June 19, 2009 by Walsh Environmental Scientists and Engineers, LLC. Background samples revealed As levels that were greater than or equal to the post reclaim values. The tabulated and original analytical lab data is attached.
- Final reclamation of the pad will be completed once the last producing well on this pad has been P&A'ed.

Attachments: Tabulated laboratory analytical data
Laboratory Analytical Report