



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 11/14/2011

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 City: Grand Junction State: CO Zip: 81506 Fax: 970.263.3694
5. API Number 05- 077-09178 OGCC Facility ID Number 334394
6. Well/Facility Name: Gunderson Federal 7. Well/Facility Number 18-5
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SWNW, Sec. 18, T9S, R93W
9. County: Mesa 10. Field Name: Brush Creek
11. Federal, Indian or State Lease Number: COC 50945

Complete the Attachment Checklist

OP OGCC

Table with 2 columns: Survey Plat, Directional Survey, Surface Eqmpt Diagram, Technical Info Page, Other Lab Data, Map. Includes checkboxes for 'X' marks.

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 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.

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: Pit Closure 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 Date: 11/14/11 Email: daniel_padilla@oxy.com
Print Name: Daniel I. Padilla Title: Regulatory Advisor

COGCC Approved: Title: Date:

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 66571	API Number: 05-077-09178
2. Name of Operator: OXY USA Inc.	OGCC Facility ID # 334394
3. Well/Facility Name: Gunderson Federal	Well/Facility Number: 18-5
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNW, Sec. 18, T9S, R93W	

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 pit bottom cap, and the below pit liner (Post Reclaim 09/16/2010) concentration for As is above COGCC Table 910-1 standards, but is equal to 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 09/16/2010). Based on the background sample concentrations, Oxy's sundry notice requests to apply different standards to the COGCC Table 910-1 concentration levels.

To address elevated concentrations of pH and SAR, Oxy buried and capped the pit bottom below at least three feet of native material to ensure a sufficient agronomic zone. 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
COC 50945

6. If Indian, Allottee or Tribe Name
N/A

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
OXY USA Inc.

3a. Address
760 Horizon Drive, Suite 101
Grand Junction CO 81506

3b. Phone No. (include area code)
(970)263-3637

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SWNW, Sec 18, T9S, R93W

7. If Unit of CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
Gunderson Federal 18-5 Pit

9. API Well No.
05-077-09181 ; OGCC Facility # 334394

10. Field and Pool or Exploratory Area
Brush Creek # 7562

11. Country or Parish, State
Mesa, CO

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Pit Closure</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

OXY USA Inc. (Oxy) has completed reclamation of the above-mentioned reserve pit located on the Hidden Creek 14-14 Pad. Attached please find the closure documentation for the pit which was submitted to the COGCC.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Daniel I. Padilla

Title Regulatory Advisor

Signature



Date

11/14/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Pit Reclaims - Collbran

Pad #: Gunderson 18-5

Sample Date: 9/16/2010

Clearance Achieved Date:

	MCL (mg/kg)	Sample Identifications (mg/kg)						
		Post Reclaim (09-16-10)	Background - N (09-16-10)	Background - E (09-16-10)	Background - S (09-16-10)	Background - W (09-16-10)	Cap (10-01-10)	Soil Pile (10-01-10)
Organics in Soil								
TPH (GRO and DRO)	500	50.63	-	-	-	-	-	-
Benzene	0.17	0.0021	-	-	-	-	-	-
Toluene	85	0.0036	-	-	-	-	-	-
Ethylbenzene	100	0.0036	-	-	-	-	-	-
Xylenes	175	0.027	-	-	-	-	-	-
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	0.0081	-	-	-	-	-	-
Flourene	1000	<0.0095	-	-	-	-	-	-
Indeno(1,2,3,C,D)pyrene	0.22	<0.011	-	-	-	-	-	-
Naphthalene	23	0.22	-	-	-	-	-	-
Pyrene	1000	0.013	-	-	-	-	-	-
Inorganics in Soil								
EC	<4 mmhos/cm or 2X background	0.97	0.100	0.078	0.027	0.056	-	-
SAR	<12	18.0	0.60	0.73	0.53	0.55	7.40	3.80
pH	6-9	9.4	7.5	6.4	6.8	6.5	8.9	-
Metals in Soils								
Arsenic	0.39	4.4	3.5	4.4	2.0	2.1	-	-
Barium	15000	5600	-	-	-	-	-	-
Boron (Not Applicable)	2 (mg/L)	-	-	-	-	-	-	-
Cadmium	70	<0.040	-	-	-	-	-	-
Chromium	12000	22.0	-	-	-	-	-	-
Chromium VI	23	<0.31	-	-	-	-	-	-
Copper	3100	39.0	-	-	-	-	-	-
Lead	400	17.0	-	-	-	-	-	-
Mercury	23	0.025	-	-	-	-	-	-
Nickel	1600	16.0	-	-	-	-	-	-
Selenium	390	<1.6	-	-	-	-	-	-
Silver	390	<0.16	-	-	-	-	-	-
Zinc	23000	65.0	-	-	-	-	-	-



OXY USA Inc.

760 Horizon Drive, Suite 101
Grand Junction, CO 81506

Gunderson Fed 18-5 Sampling Locations Map

Updated: Nov. 14, 2011 Mesa County, Colorado



● Background Composite Sample

● Cap Sample

● Post Reclamation Composite Sample

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

Report Summary

Wednesday October 06, 2010

Report Number: L481948

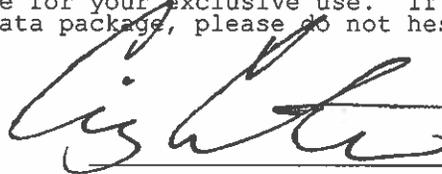
Samples Received: 10/02/10

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:



Craig Cothron , 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

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.

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 1-800-767-5859
 Fax (615) 758-5859
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 Est. 1970

REPORT OF ANALYSIS

October 06, 2010

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

Date Received : October 02, 2010
 Description : Pit Reclaims - Collbran
 Sample ID : GUNDERSON 18-5 CAP 0-6 IN
 Collected By : Brett Kennedy
 Collection Date : 10/01/10 11:03

ESC Sample # : L481948-01
 Site ID :
 Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
pH	8.9		su	9045D	10/03/10	1
Sodium Adsorption Ratio	7.4			Calc.	10/05/10	1

BDL - Below Detection Limit
 Det. Limit - Practical Quantitation Limit (PQL)
 Note:
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 L481948-01 (PH) - 8.9@18.0c



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REPORT OF ANALYSIS

October 06, 2010

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

Date Received : October 02, 2010
Description : Pit Reclaims - Collbran
Sample ID : SOIL PILE 18-5 0-6 IN
Collected By : Brett Kennedy
Collection Date : 10/01/10 11:10

ESC Sample # : L481948-02

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Sodium Adsorption Ratio	3.8			Calc.	10/05/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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

Report Summary

Friday September 24, 2010

Report Number: L479303

Samples Received: 09/17/10

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, NV - TN000032008A,
TX - T104704245, OK-9915

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REPORT OF ANALYSIS

September 24, 2010

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

Date Received : September 17, 2010
 Description : Pit Reclaims - Collbran
 Sample ID : GUNDERSON 18-5 DR
 Collected By : Brett Kennedy
 Collection Date : 09/16/10 12:55

ESC Sample # : L479303-01

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chromium,Hexavalent	U	0.31	2.0	mg/kg		3060A/7	09/21/10	1
ORP	140			mV		2580	09/21/10	1
pH	9.4			su		9045D	09/23/10	1
Sodium Adsorption Ratio	18.					Calc.	09/21/10	1
Specific Conductance	970			umhos/cm		9050AMo	09/21/10	1
Mercury	0.025	0.0053	0.020	mg/kg		7471	09/18/10	1
Arsenic	4.4	0.32	1.0	mg/kg		6010B	09/19/10	1
Barium	5600	0.25	1.3	mg/kg		6010B	09/20/10	5
Cadmium	U	0.040	0.25	mg/kg		6010B	09/19/10	1
Chromium	22.	0.085	0.50	mg/kg		6010B	09/19/10	1
Copper	39.	0.21	1.0	mg/kg		6010B	09/19/10	1
Lead	17.	0.090	0.25	mg/kg		6010B	09/19/10	1
Nickel	16.	0.26	1.0	mg/kg		6010B	09/19/10	1
Selenium	U	1.6	5.0	mg/kg	O	6010B	09/20/10	5
Silver	U	0.16	0.50	mg/kg		6010B	09/20/10	1
Zinc	65.	0.34	1.5	mg/kg		6010B	09/19/10	1
Benzene	0.0021	0.00090	0.0025	mg/kg	J	8021/80	09/18/10	5
Toluene	0.0036	0.0015	0.025	mg/kg	J	8021/80	09/18/10	5
Ethylbenzene	0.0036	0.0013	0.0025	mg/kg		8021/80	09/18/10	5
Total Xylene	0.027	0.0028	0.0075	mg/kg		8021/80	09/18/10	5
TPH (GC/FID) Low Fraction	0.63	0.14	0.50	mg/kg		GRO	09/18/10	5
Surrogate Recovery-%								
a, a, a-Trifluorotoluene (FID)	98.1			% Rec.		8021/80	09/18/10	5
a, a, a-Trifluorotoluene (PID)	103.			% Rec.		8021/80	09/18/10	5
TPH (GC/FID) High Fraction	50.	0.77	4.0	mg/kg		3546/DR	09/20/10	1
Surrogate recovery(%)								
o-Terphenyl	51.3			% Rec.		3546/DR	09/20/10	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0093	0.033	mg/kg		8270C	09/19/10	1
Acenaphthene	U	0.011	0.033	mg/kg		8270C	09/19/10	1
Acenaphthylene	U	0.011	0.033	mg/kg		8270C	09/19/10	1
Benzo(a)anthracene	U	0.0077	0.033	mg/kg		8270C	09/19/10	1
Benzo(a)pyrene	U	0.0074	0.033	mg/kg		8270C	09/19/10	1
Benzo(b)fluoranthene	U	0.0078	0.033	mg/kg		8270C	09/19/10	1

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:

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Reported: 09/24/10 14:42 Printed: 09/24/10 15:09

L479303-01 (PH) - 9.4@22.2c

L479303-01 (PH) - 12@20.3c



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REPORT OF ANALYSIS

September 24, 2010

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

ESC Sample # : L479303-01

Date Received : September 17, 2010
 Description : Pit Reclaims - Collbran

Site ID :

Sample ID : GUNDERSON 18-5 DR

Project # :

Collected By : Brett Kennedy
 Collection Date : 09/16/10 12:55

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(g,h,i)perylene	U	0.0095	0.033	mg/kg		8270C	09/19/10	1
Benzo(k)fluoranthene	U	0.012	0.033	mg/kg		8270C	09/19/10	1
Chrysene	U	0.0091	0.033	mg/kg		8270C	09/19/10	1
Dibenz(a,h)anthracene	U	0.011	0.033	mg/kg		8270C	09/19/10	1
Fluoranthene	0.0081	0.0079	0.033	mg/kg	J	8270C	09/19/10	1
Fluorene	U	0.0095	0.033	mg/kg		8270C	09/19/10	1
Indeno(1,2,3-cd)pyrene	U	0.011	0.033	mg/kg		8270C	09/19/10	1
Naphthalene	0.22	0.016	0.033	mg/kg		8270C	09/19/10	1
Phenanthrene	0.10	0.0073	0.033	mg/kg		8270C	09/19/10	1
Pyrene	0.013	0.0089	0.033	mg/kg	J	8270C	09/19/10	1
Surrogate Recovery								
Nitrobenzene-d5	107.			% Rec.		8270C	09/19/10	1
2-Fluorobiphenyl	83.2			% Rec.		8270C	09/19/10	1
p-Terphenyl-d14	69.3			% Rec.		8270C	09/19/10	1

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Reported: 09/24/10 14:42 Printed: 09/24/10 15:09
 L479303-01 (PH) - 9.4@22.2c
 L479303-01 (PH) - 12@20.3c



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REPORT OF ANALYSIS

September 24, 2010

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

Date Received : September 17, 2010
 Description : Pit Reclaims - Collbran
 Sample ID : GUNDERSON 18-5 BG-N
 Collected By : Brett Kennedy
 Collection Date : 09/16/10 13:43

ESC Sample # : L479303-02
 Site ID :
 Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
pH	7.5			su		9045D	09/23/10	1
Sodium Adsorption Ratio	0.60					Calc.	09/21/10	1
Specific Conductance	100			umhos/cm		9050AMo	09/21/10	1
Arsenic	3.5	0.32	1.0	mg/kg		6010B	09/19/10	1

U = ND (Not Detected)
 MDL = Minimum Detection Limit = LOD
 RDL = Reported Detection Limit = LOQ = PQL = EQL
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Reported: 09/24/10 14:42 Printed: 09/24/10 15:09
 L479303-02 (PH) - 7.5@21.6c
 L479303-02 (PH) - 13@20.1c



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 Tax I.D. 62-0814289
 Est. 1970

REPORT OF ANALYSIS

September 24, 2010

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

Date Received : September 17, 2010
 Description : Pit Reclaims - Collbran
 Sample ID : GUNDERSON 18-5 BG-E
 Collected By : Brett Kennedy
 Collection Date : 09/16/10 13:52

ESC Sample # : L479303-03
 Site ID :
 Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
pH	6.4			su		9045D	09/23/10	1
Sodium Adsorption Ratio	0.73					Calc.	09/21/10	1
Specific Conductance	7.8			umhos/cm		9050AMo	09/21/10	1
Arsenic	4.4	0.32	1.0	mg/kg		6010B	09/19/10	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: 09/24/10 14:42 Printed: 09/24/10 15:09
 L479303-03 (PH) - 13@19.9c
 L479303-03 (PH) - 6.4@21.8c



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

Tax I.D. 62-0814289

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REPORT OF ANALYSIS

September 24, 2010

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

ESC Sample # : L479303-04

Date Received : September 17, 2010
Description : Pit Reclaims - Collbran

Site ID :

Sample ID : GUNDERSON 18-5 BG-S

Project # :

Collected By : Brett Kennedy
Collection Date : 09/16/10 13:59

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
pH	6.8			su		9045D	09/23/10	1
Sodium Adsorption Ratio	0.53					Calc.	09/21/10	1
Specific Conductance	27.			umhos/cm		9050AMo	09/21/10	1
Arsenic	2.0	0.32	1.0	mg/kg		6010B	09/18/10	1

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:

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Reported: 09/24/10 14:42 Printed: 09/24/10 15:09

L479303-04 (PH) - 12@20.3c

L479303-04 (PH) - 6.8@21.3c



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REPORT OF ANALYSIS

September 24, 2010

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

ESC Sample # : L479303-05

Date Received : September 17, 2010
 Description : Pit Reclaims - Collbran
 Sample ID : GUNDERSON 18-5 BG-W
 Collected By : Brett Kennedy
 Collection Date : 09/16/10 14:04

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
pH	6.5			su		9045D	09/23/10	1
Sodium Adsorption Ratio	0.55					Calc.	09/21/10	1
Specific Conductance	56.			umhos/cm		9050AMo	09/21/10	1
Arsenic	2.1	0.32	1.0	mg/kg		6010B	09/18/10	1

U = ND (Not Detected)
 MDL = Minimum Detection Limit = LOD
 RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:
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Reported: 09/24/10 14:42 Printed: 09/24/10 15:09
 L479303-05 (PH) - 6.5@21.3c
 L479303-05 (PH) - 12@20.3c

Prepared by:

**ENVIRONMENTAL
SCIENCE CORP.**
12065 Lebanon Road
Mt Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859
B013

Analysis/Container/Preservative

Alternate billing information:

Company Name/Address:
**OXY USA - Grand Junction, CO
Inc.**

760 Horizon Dr., Ste. 101
Grand Junction, CO 81506

Report to: *Brett Kennedy*
Project Description: *Pit Reclaims - Coliban*
Phone: (970) 263-3601
FAX:
City/State Collected: *Brett Kennedy env.com*
ESC Key:
Client Project #:
Site/Facility ID#: *-* P.O.#: *-*

Collected by: *Brett Kennedy*
Collected by (signature): *Brett Kennedy*
Packed on Ice N *Y* Yes
Date Results Needed:
Email? *Yes* No
FAX? *Yes* No

Sample ID	Comp/Grab	Matrix*	Depth	Date		No. of Cnts
				Date	Time	
<i>Gunderson 18-5 PR</i>	<i>Comp</i>	<i>SS</i>	<i>4-11'</i>	<i>9/16/10</i>	<i>1255</i>	<i>2</i>
<i>Gunderson 18-5 BG-N</i>	<i>6-6'</i>		<i>0-6"</i>		<i>1343</i>	<i>1</i>
<i>Gunderson 18-5 B6-E</i>					<i>1352</i>	<i>1</i>
<i>Gunderson 18-5 B6-S</i>					<i>1359</i>	<i>1</i>
<i>Gunderson 18-5 B6-W</i>					<i>1404</i>	<i>1</i>

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other

Relinquished by (Signature): *Brett Kennedy*
Relinquished by (Signature): *Brett Kennedy*
Relinquished by (Signature): *Brett Kennedy*

Condition: (lab use only) *OK*
CoC Seals Intact: *Y* *N* *NA*
pH Checked: *NCF*

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: UPS FedEx Courier
Temp: *3.10C* Bottles Received: *6*
Date: *9-17-10* Time: *9:00*

Received by (Signature): *Brett Kennedy*
Received for lab by (Signature): *Brett Kennedy*

Date: *9/16/10* Time: *1630*
Date: _____ Time: _____
Date: _____ Time: _____