



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 | 4. Contact Name: Denny Vigil | Complete the Attachment Checklist |
| 2. Name of Operator: OXY USA Inc. | Phone: 970-263-3650 | |
| 3. Address: 760 Horizon Drive City: Grand Junction State: CO Zip: 81506 | Fax: 970-263-3694 | |
| 5. API Number 05-077-09425 | OGCC Facility ID Number 334537 | OP OGCC |
| 6. Well/Facility Name: Laramie Land and Cattle | 7. Well/Facility Number 17-4 | Survey Plat |
| 8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SWNW, Sec. 17, Twp. 10S, R94W, 6th PM | | Directional Survey |
| 9. County: Mesa County | 10. Field Name: Plateau | Surface Eqmpt Diagram |
| 11. Federal, Indian or State Lease Number: | | Technical Info Page |
| | | Other 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: | <input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL |
| 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"/> |
| Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer | attach directional survey |
| 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 Formation Code Spacing order number Unit Acreage Unit configuration | Signed surface use agreement attached |
| <input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling): | <input type="checkbox"/> CHANGE WELL NAME |
| Effective Date: | NUMBER |
| Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual | From: |
| | 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: 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

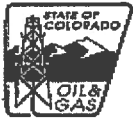
CONDITIONS OF APPROVAL IF ANY:

Revoke 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.

| | Sample Identifications (mg/kg) | | |
|--------------------------|--------------------------------|--------------|------------|
| | MCL (mg/kg) | Post Reclaim | Background |
| Organics in Soil | | | |
| TPH (GRO and DRO) | 500 | 300 | - |
| Benzene | 0.17 | 0.17 | - |
| Toluene | 85 | 0.80 | - |
| Ethylbenzene | 100 | 0.60 | - |
| Xylenes | 175 | 4.70 | - |
| 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 | 0.030 | - |
| Indeno(1,2,3,C,D)pyrene | 0.22 | <0.011 | - |
| Napthalene | 23 | 0.057 | - |
| Pyrene | 1000 | <0.0089 | - |
| Inorganics in Soil | | | |
| EC | <4 mmhos/cm or 2X background | 0.670 | 0.210 |
| SAR | <12 | 8.9 | 0.30 |
| pH | 6-9 | 8.3 | - |
| Metals in Soils | | | |
| 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 | - |



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 | 4. Contact Name: Daniel I. Padilla | Complete the Attachment Checklist OP OGCC |
| 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 05-077-09432 | OGCC Facility ID Number 334537 | Survey Plat |
| 6. Well/Facility Name: YT Ranch (Reserve Pit) | 7. Well/Facility Number 17-5 | Directional Survey |
| 8. Location (Qtr/Sec, Twp, Rng, Meridian): SWNW, Sec 17, T10S, R94W 6th PM | | Surface Eqpm Diagram |
| 9. County: Mesa | 10. Field Name: Plateau | Technical Info Page <input checked="" type="checkbox"/> |
| 11. Federal, Indian or State Lease Number: | | Other Lab data, Map <input checked="" type="checkbox"/> |

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"/> FNL/FSL <input type="checkbox"/> FEL/FWL |
| 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/Sec, Twp, Rng, Mer | |
| Latitude | Distance to nearest property line |
| Longitude | Distance to nearest lease line |
| Ground Elevation | Distance to nearest well same formation |
| | Distance to nearest bldg, public rd, utility or RR |
| | Is location in a High Density Area (rule 603b)? Yes/No <input type="checkbox"/> |
| | 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: Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual | <input type="checkbox"/> CHANGE WELL NAME From: NUMBER To: Effective Date: |
| <input type="checkbox"/> ABANDONED LOCATION: Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No Date Ready for Inspection: | <input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS Date well shut in or temporarily abandoned: 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 (5 mos from date casing set) |
| <input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK 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 Approximate Start Date: | <input type="checkbox"/> 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"/> Change Drilling Plans | <input type="checkbox"/> Repair Well |
| <input type="checkbox"/> Gross Interval Changed? | <input type="checkbox"/> Rule 502 variance requested |
| <input type="checkbox"/> Casing/Cementing Program Change | <input checked="" type="checkbox"/> Other: Application of diff. standard for Spills and Releases |
| <input type="checkbox"/> E&P Waste Disposal | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Status Update/Change of Remediation Plans | |

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

This reserve pit (YT Ranch) is the same reserve pit as Laramie hand and call

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

SAME PIT

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

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

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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

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

| | | Sample Identifications (mg/kg) | |
|---------------------------|------------------------------|--------------------------------|------------|
| | MCL (mg/kg) | Post Reclaim | Background |
| Organics in Soil | | | |
| TPH (GRO and DRO) | 500 | 300 | - |
| Benzene | 0.17 | 0.17 | - |
| Toluene | 85 | 0.80 | - |
| Ethylbenzene | 100 | 0.60 | - |
| Xylenes | 175 | 4.70 | - |
| 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 | 0.030 | - |
| Indeno(1,2,3,C,D)pyrene | 0.22 | <0.011 | - |
| Napthalene | 23 | 0.057 | - |
| Pyrene | 1000 | <0.0089 | - |
| Inorganics in Soil | | | |
| EC | <4 mmhos/cm or 2X background | 0.670 | 0.210 |
| SAR | <12 | 8.9 | 0.30 |
| pH | 6-9 | 8.3 | - |
| Metals in Soils | | | |
| 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 | - |



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



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

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.

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

Page 1 of 6



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 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



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

October 15, 2009

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

ESC Sample # : L425889-02

Date Received : October 07, 2009
Description : Pit Reclaims - Collbran
Sample ID : YT 17-5 POST REC 0-6 IN

Site ID :

Collected By : Brett Kennedy
Collection Date : 10/05/09 12:55

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:

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

L425889-02 (PH) - 8.3020.6c

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

Company Name/Address:

Alternate billing information:

Analysis/Container/Preservative

OXY USA - Grand Junction, CO

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

Prepared by:

Chain of Custody
Page 1 of 1

Report to:

Brett Kennedy

Email to:

brett.kennedy@oxy.com

Project:

Pit Reckins - CU Iron

Client Project #:

Phone: (970) 263-3601

ESC Key:

FAX:

Collected by:

Brett Kennedy

Site/Facility ID#:

P.O. #:

Collected by (signature):

Brett Kennedy

Rush? (Lab MUST Be Notified)

Same Day.....200%
Next Day.....100%
Two Day.....50%
Three Day.....25%

Date Results Needed:

Email? ☒ No ☐ Yes
FAX? ☒ No ☐ Yes

Sample ID

Comp/Grab

Matrix*

Depth

Date

Time

No. of Cnts

BTEX16RO1DRO

PAH

SAR, EC

PH

AS

Cd, Cr, Cu, Hg, Pb, Ni, Se, Ag, Zn

Cr VI

Remarks/Contaminant

Sample # (lab only)

CoC Code: OXYGJCO (lab use only)

Terminology/Prelog in

Shipped Via:

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Road

Mt Juliet, TN 37122

Phone (615) 758-5858

Phone (800) 767-5859

FAX (615) 758-5859

A224

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

Remarks:

Relinquished by (Signature)

Relinquished by (Signature)

Relinquished by (Signature)

Date:

10/16/09

Time:

1642

Received by (Signature)

Received by (Signature)

Received by (Signature)

9636255 3736 Flow

Condition:

OK

pH Checked:

NGF

(lab use only)

Y N NA

NGF

Temp

35.0

Date:

10/7/09

Bottles Received:

3-600

Time:

0900