

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company NM&O Operating Company	Contact Cauy Davis or Larry Sweet
Address 15 East 5 <sup>th</sup> Street Ste 3000 Tulsa Ok 74103	Telephone No. 5053206502 or 9185843802
Facility Name North Lindrith 23-001	Facility Type Gas Well
Surface Owner Larry Hatley	Mineral Owner NM&O Operating Co
API No. 30-039-24368	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	23	25N	2W	1610	North	890	East	Rio Arriba

Latitude 36.3862419 Longitude 107.0135651 NAD83

**NATURE OF RELEASE**

Type of Release Oil/Condensate	Volume of Release 15bbbls Approximately	Volume Recovered 10 bbbls
Source of Release Tank	Date and Hour of Occurrence 7/15/15	Date and Hour of Discovery 7/16/15 0900
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Sweet	
By Whom? Bryan C Davis	Date and Hour 7/16/15	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

NMOCD

MAR 08 2018

DISTRICT III

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
Tank valve leaking, transferred liquids and replaced valve

Describe Area Affected and Cleanup Action Taken.\*  
Oil and Condensate released within the firewall at the oil tank valve, removed dirt and hauled to land farm. See attached lab results.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Bryan Davis</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Bryan Davis	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Contractor	Approval Date: 4/5/18	Expiration Date:
E-mail Address: kd7945@gmail.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 3/8/18	Phone: 5053206502	

\* Attach Additional Sheets If Necessary

#NCS 152 303 2924



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

August 28, 2015

Dixon Sandoval  
Dixon Sandoval  
P.O. Box 770  
Dulce, NM 87582  
TEL: (505) 360-2030  
FAX

RE: Rucker Lake No. 2. North Lindrith 23-1 5pt Composite

OrderNo.: 1508A80

Dear Dixon Sandoval:

Hall Environmental Analysis Laboratory received 3 sample(s) on 8/21/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Hall Environmental Analysis Laboratory, Inc.**

**Analytical Report**  
 Lab Order 1508A80  
 Date Reported: 8/28/2015

**CLIENT:** Dixon Sandoval **Client Sample ID:** Rucker Lake #2 Site 1  
**Project:** Rucker Lake No. 2, North Lindrith 23-1 5 **Collection Date:** 8/19/2015 12:05:00 PM  
**Lab ID:** 1508A80-001 **Matrix:** SOIL **Received Date:** 8/21/2015 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LGT</b>
Chloride	10	7.5		mg/Kg	5	8/27/2015 10:58:15 AM	21013
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	1200	99		mg/Kg	10	8/25/2015 3:44:42 PM	20948
Motor Oil Range Organics (MRO)	1400	490		mg/Kg	10	8/25/2015 3:44:42 PM	20948
Surr: DNOP	0	57.9-140	S	%REC	10	8/25/2015 3:44:42 PM	20948
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/25/2015 11:50:24 AM	20933
Surr: BFB	96.4	75.4-113		%REC	1	8/25/2015 11:50:24 AM	20933
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Methyl tert-butyl ether (MTBE)	ND	0.094		mg/Kg	1	8/25/2015 11:50:24 AM	20933
Benzene	ND	0.047		mg/Kg	1	8/25/2015 11:50:24 AM	20933
Toluene	ND	0.047		mg/Kg	1	8/25/2015 11:50:24 AM	20933
Ethylbenzene	ND	0.047		mg/Kg	1	8/25/2015 11:50:24 AM	20933
Xylenes, Total	ND	0.094		mg/Kg	1	8/25/2015 11:50:24 AM	20933
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	8/25/2015 11:50:24 AM	20933

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
 Lab Order 1508A80  
 Date Reported: 8/28/2015

CLIENT: Dixon Sandoval      Client Sample ID: Rucker Lake #2 Site 2  
 Project: Rucker Lake No. 2. North Lindrith 23-1 5      Collection Date: 8/19/2015 12:10:00 PM  
 Lab ID: 1508A80-002      Matrix: SOIL      Received Date: 8/21/2015 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LGT</b>
Chloride	ND	7.5		mg/Kg	5	8/27/2015 12:12:43 PM	21013
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	12	9.8		mg/Kg	1	8/25/2015 4:39:31 PM	20948
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/25/2015 4:39:31 PM	20948
Surr: DNOP	98.6	57.9-140		%REC	1	8/25/2015 4:39:31 PM	20948
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/25/2015 1:04:56 PM	20933
Surr: BFB	80.6	75.4-113		%REC	1	8/25/2015 1:04:56 PM	20933
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Methyl tert-butyl ether (MTBE)	ND	0.097		mg/Kg	1	8/25/2015 1:04:56 PM	20933
Benzene	ND	0.048		mg/Kg	1	8/25/2015 1:04:56 PM	20933
Toluene	ND	0.048		mg/Kg	1	8/25/2015 1:04:56 PM	20933
Ethylbenzene	ND	0.048		mg/Kg	1	8/25/2015 1:04:56 PM	20933
Xylenes, Total	ND	0.097		mg/Kg	1	8/25/2015 1:04:56 PM	20933
Surr: 4-Bromofluorobenzene	95.3	80-120		%REC	1	8/25/2015 1:04:56 PM	20933

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
 Lab Order 1508A80  
 Date Reported: 8/28/2015

CLIENT: Dixon Sandoval      Client Sample ID: North Lindrith 23-1  
 Project: Rucker Lake No. 2, North Lindrith 23-1 5      Collection Date: 8/19/2015 12:15:00 PM  
 Lab ID: 1508A80-003      Matrix: SOIL      Received Date: 8/21/2015 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							
Chloride	55	7.5		mg/Kg	5	8/27/2015 12:37:32 PM	21013
Analyst: <b>LGT</b>							
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							
Diesel Range Organics (DRO)	470	10		mg/Kg	1	8/25/2015 5:06:50 PM	20948
Motor Oil Range Organics (MRO)	280	51		mg/Kg	1	8/25/2015 5:06:50 PM	20948
Surr: DNOP	110	57.9-140		%REC	1	8/25/2015 5:06:50 PM	20948
Analyst: <b>TOM</b>							
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/25/2015 1:29:49 PM	20933
Surr: BFB	96.0	75.4-113		%REC	1	8/25/2015 1:29:49 PM	20933
Analyst: <b>NSB</b>							
<b>EPA METHOD 8021B: VOLATILES</b>							
Methyl tert-butyl ether (MTBE)	ND	0.097		mg/Kg	1	8/25/2015 1:29:49 PM	20933
Benzene	ND	0.048		mg/Kg	1	8/25/2015 1:29:49 PM	20933
Toluene	ND	0.048		mg/Kg	1	8/25/2015 1:29:49 PM	20933
Ethylbenzene	ND	0.048		mg/Kg	1	8/25/2015 1:29:49 PM	20933
Xylenes, Total	ND	0.097		mg/Kg	1	8/25/2015 1:29:49 PM	20933
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	8/25/2015 1:29:49 PM	20933

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	

**QC SUMMARY REPORT**  
**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1508A80  
 28-Aug-15

**Client:** Dixon Sandoval  
**Project:** Rucker Lake No. 2. North Lindrith 23-1 5pt Co

Sample ID	1508A80-001AMS	SampType:	MS	TestCode:	EPA Method 300.0: Anions					
Client ID:	Rucker Lake #2 Site	Batch ID:	21013	RunNo:	28518					
Prep Date:	8/27/2015	Analysis Date:	8/27/2015	SeqNo:	862438	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	24	7.5	15.00	10.44	91.2	64.2	131			

Sample ID	1508A80-001AMSD	SampType:	MSD	TestCode:	EPA Method 300.0: Anions					
Client ID:	Rucker Lake #2 Site	Batch ID:	21013	RunNo:	28518					
Prep Date:	8/27/2015	Analysis Date:	8/27/2015	SeqNo:	862439	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	28	7.5	15.00	10.44	117	64.2	131	14.8	20	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RI Reporting Detection Limit

**QC SUMMARY REPORT**  
**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1508A80  
 28-Aug-15

**Client:** Dixon Sandoval  
**Project:** Rucker Lake No. 2, North Lindrith 23-1 5pt Co

Sample ID: <b>MB-20948</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>20948</b>	RunNo: <b>28434</b>								
Prep Date: <b>8/24/2015</b>	Analysis Date: <b>8/25/2015</b>	SeqNo: <b>859160</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.6		10.00		85.6	57.9	140			

Sample ID: <b>LCS-20948</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>20948</b>	RunNo: <b>28434</b>								
Prep Date: <b>8/24/2015</b>	Analysis Date: <b>8/25/2015</b>	SeqNo: <b>859161</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.8	57.4	139			
Surr: DNOP	4.3		5.000		85.4	57.9	140			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

**QC SUMMARY REPORT**  
**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1508A80  
 28-Aug-15

**Client:** Dixon Sandoval  
**Project:** Rucker Lake No. 2. North Lindrith 23-1 5pt Co

Sample ID: <b>MB-20933</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>20933</b>	RunNo: <b>28433</b>								
Prep Date: <b>8/24/2015</b>	Analysis Date: <b>8/25/2015</b>	SeqNo: <b>859725</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	840		1000		83.6	75.4	113			

Sample ID: <b>LCS-20933</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>20933</b>	RunNo: <b>28433</b>								
Prep Date: <b>8/24/2015</b>	Analysis Date: <b>8/25/2015</b>	SeqNo: <b>859726</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	99.5	79.6	122			
Surr: BFB	880		1000		88.2	75.4	113			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

**QC SUMMARY REPORT**  
**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1508A80  
 28-Aug-15

**Client:** Dixon Sandoval  
**Project:** Rucker Lake No. 2, North Lindrith 23-1 5pt Co

Sample ID	MB-20933	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	20933	RunNo:	28433					
Prep Date:	8/24/2015	Analysis Date:	8/25/2015	SeqNo:	859761	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.99		1.000		99.3	80	120			

Sample ID	LCS-20933	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	20933	RunNo:	28433					
Prep Date:	8/24/2015	Analysis Date:	8/25/2015	SeqNo:	859762	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.88	0.10	1.000	0	88.1	69.8	143			
Benzene	0.97	0.050	1.000	0	97.0	76.6	128			
Toluene	0.99	0.050	1.000	0	99.0	75	124			
Ethylbenzene	1.0	0.050	1.000	0	103	79.5	126			
Xylenes, Total	3.0	0.10	3.000	0	101	78.8	124			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

Sample ID	1508A80-001AMS	SampType:	MS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	Rucker Lake #2 Site	Batch ID:	20933	RunNo:	28433					
Prep Date:	8/24/2015	Analysis Date:	8/25/2015	SeqNo:	859766	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.89	0.097	0.9737	0	91.3	53.6	133			
Benzene	1.0	0.049	0.9737	0	106	69.6	136			
Toluene	1.1	0.049	0.9737	0.02172	106	76.2	134			
Ethylbenzene	1.1	0.049	0.9737	0.01808	111	75.8	137			
Xylenes, Total	3.2	0.097	2.921	0.03723	108	78.9	133			
Surr: 4-Bromofluorobenzene	1.0		0.9737		106	80	120			

Sample ID	1508A80-001AMSD	SampType:	MSD	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	Rucker Lake #2 Site	Batch ID:	20933	RunNo:	28433					
Prep Date:	8/24/2015	Analysis Date:	8/25/2015	SeqNo:	859767	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.82	0.10	0.9970	0	82.1	53.6	133	8.28	20	
Benzene	0.96	0.050	0.9970	0	96.3	69.6	136	6.84	20	
Toluene	0.99	0.050	0.9970	0.02172	97.5	76.2	134	5.73	20	
Ethylbenzene	1.0	0.050	0.9970	0.01808	103	75.8	137	5.15	20	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

**QC SUMMARY REPORT**  
**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1508A80  
 28-Aug-15

**Client:** Dixon Sandoval  
**Project:** Rucker Lake No. 2, North Lindrith 23-1 5pt Co

Sample ID	1508A80-001AMSD	SampType:	MSD	TestCode	EPA Method 8021B: Volatiles					
Client ID	Rucker Lake #2 Site	Batch ID:	20933	RunNo	28433					
Prep Date:	8/24/2015	Analysis Date:	8/25/2015	SeqNo	859767	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Xylenes, Total	3.0	0.10	2.991	0.03723	99.2	78.9	133	6.37	20	
Surr: 4-Bromofluorobenzene	1.1		0.9970		107	80	120	0	0	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit



Hall Environmental Analysis Laboratory  
 4961 Harkins NE  
 Albuquerque, NM 87109  
 TEL: 505.345.3975 FAX: 505.345.4707  
 Website: www.hallevironmental.com

# Sample Log-In Check List

Client Name: DIXON SANDOVAL

Work Order Number: 1503A80

RcptNo: 1

Received by/date: *JA* *08/21/15*  
 Logged By: Ashley Gallegos 8/21/2015 8:00:00 AM *Ag*  
 Completed By: Ashley Gallegos 8/21/2015 2:01:35 PM *Ag*  
 Reviewed By: *JA* *08/21/15*

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? Courier

**Log In**

- 4. Was an attempt made to cool the samples? Yes  No  NA
- 5. Were all samples received at a temperature of >0° C to 6.0° C? Yes  No  NA
- 6. Sample(s) in proper container(s)? Yes  No
- 7. Sufficient sample volume for indicated test(s)? Yes  No
- 8. Are samples (except VOA and ONG) properly preserved? Yes  No
- 9. Was preservative added to bottles? Yes  No  NA
- 10. VOA vials have zero headspace? Yes  No  No VOA Vials
- 11. Were any sample containers received broken? Yes  No  # of preserved bottles checked for pH:  (<2 or >12 unless noted)
- 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No  Adjusted?
- 13. Are matrices correctly identified on Chain of Custody? Yes  No
- 14. Is it clear what analyses were requested? Yes  No
- 15. Were all holding times able to be met? (If no, notify customer for authorization) Yes  No  Checked by:

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

17. Additional remarks

**18. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	10	Good	Not Present			

# Chain-of-Custody Record

Client: ~~ENM~~ NM 30 Operating  
 96 Dixon Sandoval  
 Mailing Address: Box 1025  
 Dulce, NM 87528

Phone #: 575-235-8048  
 Email or Fax#: ~~AKSandoval~~ 2010@gmail.com

QA/QC Package:  
 Standard  Level 4 (Full Validation)

Accreditation  
 NELAP  Other \_\_\_\_\_

EDD (Type) \_\_\_\_\_

Turn-Around Time:  
 Standard  Rush

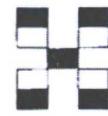
Project Name: Rucker Lake No. 2 <sup>5pt</sup> <sub>Compan</sub>  
 North Lindrith 23-1

Project #: \_\_\_\_\_

Project Manager: Dixon Sandoval

Sampler: sum  
 On Ice:  Yes  No

Sample Temperature: 1.0



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

### Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chloride	Air Bubbles (Y or N)
1/9/15	12:05	soil	Rucker Lake 2 site 1	4oz. #1c		1508 A80-001													
1/9/15	12:10	soil	Rucker Lake 2 site 2	1 bottle	icc.	-002	X	X											
1/9/15	12:15	soil	North Lindrith 23-1		ice	-003	X	X											

Date: 1/20/15 Time: 10:45 Relinquished by: Dixon Sandoval

Received by: Must Walt Date: 8/20/15 Time: 10:15

Remarks: \_\_\_\_\_

Date: 8/24/15 Time: 1840 Relinquished by: Must Walt

Received by: Joe. Rowe Date: 08/21/15 Time: 0800

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.